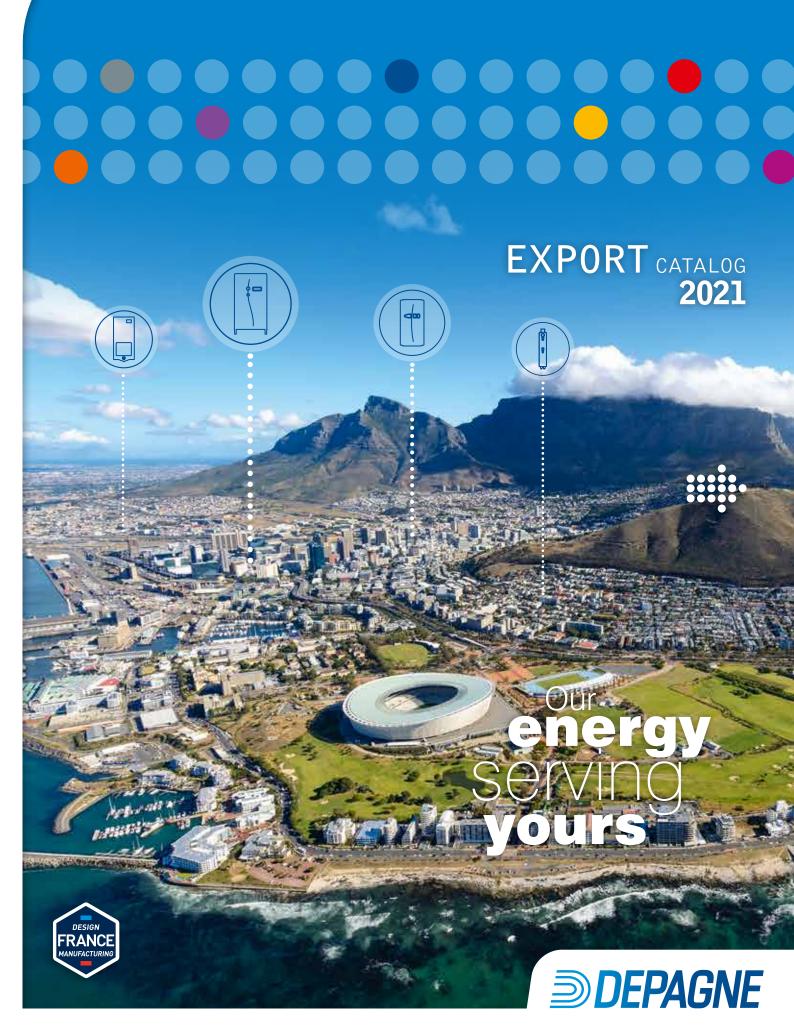
MANUFACTURER OF LOW VOLTAGE CONNECTION, PROTECTION AND ELECTRICITY DISTRIBUTION EQUIPMENT FOR THE PUBLIC DISTRIBUTION NETWORK



DEPAGNE, french manufacturer for more than 100 years





Some figures:

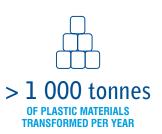




















DEPAGNE, now-how and skills

Since 1920, depagne has been manufacturing equipment low voltage electricity supply in isère (France).

Since 1980, the company has become one of the leading on manufacturing of export metering boxes.

It has also been a reference for over 40 years on the french market for street lighting and lighting pole connections.

The company has become the european leader on the pedestals market for ports.



Teams and know-how

AS CLOSELY AS POSSIBLE TO SPECIFICATIONS

DEPAGNE commercial network supports the customers for the definition of their specifications and provides advice for personalised studies in order to meet their requirements.

DRIVING FORCE OF INNOVATION

Composed of a design office equipped with CAD/CAM tools and a test laboratory, the R&D department plays a dual role: ensuring the compliance of the products and imagine tomorrow's applications.

PRODUCTS DESIGN FLEXIBILITY

Our industrial tool and the flexibility of its organisation enable us to supply products within a very short time, at the client's request, by the unit or in a bulk.

Historical partner

IN 2016, ERDF BECOMES ENEDIS "THE NETWORK ELECTRICITY"

On the basis for this trust, for more than 40 years now, we supply equipment to Enedis, mainly for contracts concerning monitored power connection and limited power equipment.

Eco-responsible policy

A SUSTAINABLE DEVELOPMENT POLICY

Our company is committed to respect an support the International Labour Organization and the global compact principles of the United Nations, in order to improve the environmental situation and the general process of planning and sales of a product.

















International

KNOW-HOW OVER 40 YEARS

Specialist in the manufacturing of metering and security boxes, DEPAGNE has been evolving on the export markets, especially with a strong presence on the African continent.

PERSONALIZED OFFER

DEPAGNE's offer is personalized and based on the specifications and requirements of any energy companies.

Our **know-how** focuses in our masteryof the entire production chain from the design ofour products to marketing in France and abroad.

In 2020, DEPAGNE celebrated its centenary!

100 years old: The perfect occasion to thank all our employees, clients, suppliers and partners for taking part in the Depagne adventure.

Huge thanks for your investments, the trust you have placed in us over all these years, and also for the professionalism shown by our teams over the years for doing their best to respond to the needs of our clients.

Today, our organisation is a major player in the low-voltage electricity distribution sector. This century of our company's existence has been characterised by us developing and creating loyalty from an exacting client base. This success reflects all our efforts and collaboration.

The coming years will be an opportunity to strengthen our position and develop new products and services.

For this anniversary year, we have been using a special "100 years" logo in the "Made in France" colours, representing our past, present and above all our future together!

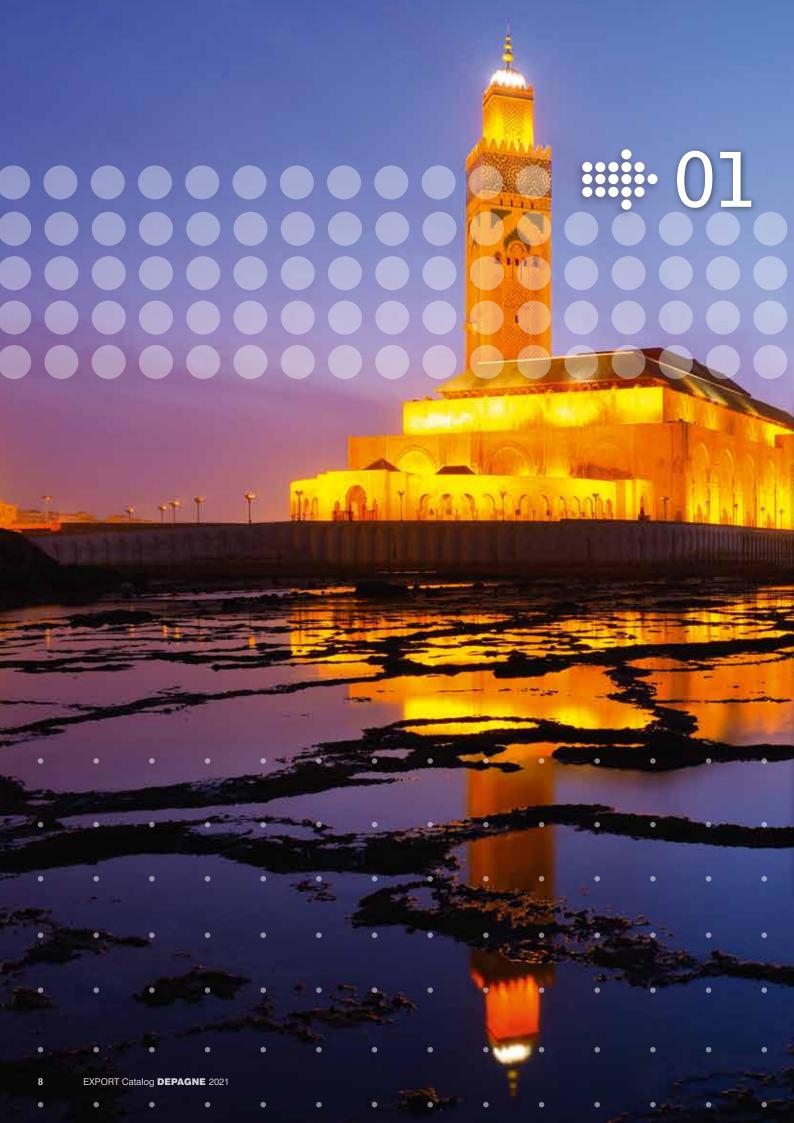
Thank you to everyone for these great years, let's continue the Depagne adventure!



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LV metering boxes

FOR SPECIFIC SINGLE-PHASE OR THREE-PHASE CONNECTION

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Prepayment metering BOXES for SPLIT single-phase meter



Box type 1800 for 1 SPLIT single-phase meter

Compact box with reduced dimensions

Protection for the metering point

Quality of materials



These boxes are intended to protect external metering for single-phase clients.

They are made of synthetic, self-extinguishing materials in an ivory colour.

They are intended for external installation, for temperatures up to 70 $^{\circ}$ C and solar radiation up to 1200 W/m². They satisfactorily pass the heating rod test at 960 $^{\circ}$ C and have excellent resistance to heat (over 125 $^{\circ}$ C).

The door can be fitted by affixing the upper part, allowing good natural ventilation.

Closed using a standard 11-mm triangular-headed screw, embedded and sealable with the option of padlocking. Wall-fastened, surface-mounted or embedded. Can also be attached to a post with lug strips.

The box is equipped with a metal DIN rail to receive 1 SPLIT meter and 1 modular circuit breaker.

Incoming cable and feeder on the bottom of the box through universal stepped and watertight cable threaders.

Standards

These boxes are watertight. Degree of protection IP 43, in accordance with standards NF EN 20010 and 60529. Impact resistance IK 09, in accordance with standards NF EN 50120 and NF C 20015.

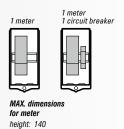
Box type 1800, ivory, intended to receive:

- 1 SPLIT single-phase meter,
- 1 SPLIT single-phase meter with 1 modular circuit breaker(1)

	Depagne
Box type 1800, unequipped, with solid door	308 640 00
Fastening to post with lug strips (not supplied),	954 275 10
2 brackets (T-shaped), delivered in bulk	304 210 10









Box type 1835 for 1 SPLIT single-phase meter

Easy connection

cone grommet

Compact box

with reduced dimensions

Protection

for the metering point

Quality of material



These boxes are intended to protect external metering for single-phase clients.

They are made of synthetic, self-extinguishing materials in an ivory colour.

They are intended for external installation, for temperatures up to 70 °C and solar radiation up to 1200 W/m². They satisfactorily pass the heating rod test at 960 °C and have excellent resistance to heat (over 125 °C).

The door can be fitted by affixing the upper part, allowing good natural ventilation.

Closed using a standard 11-mm triangular-headed screw, embedded and sealable with the option of padlocking. Wall-fastened, surface-mounted or embedded. Can also be attached to a post with lug strips.

The box is equipped with a metal DIN rail to receive 1 SPLIT meter and 1 modular circuit breaker.

Incoming cables and feeders on the bottom of the box through a cone grommet with pre-punched holes and cable separation partition.

Standards

These boxes are watertight. Degree of protection IP 43, in accordance with standards NF EN 20010 and 60529. Impact-resistance IK 07, in accordance with standards NF EN 50120 and NF C 20015.

Box type 1835, ivory, intended to receive:

- 1 SPLIT single-phase meter,
- 1 SPLIT single-phase meter with 1 modular circuit breaker⁽¹⁾

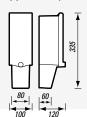
Box type 1835, unequipped, with solid door and cone grommet

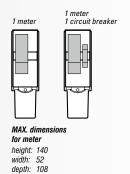
Fastening to post with lug strips (not supplied)
and/or wall, 1 bracket, delivered in bulk

380 650 00

954 276 00

(1) Can be replaced with 1 cutout base 10x38





Prepayment metering BOXES for SPLIT single-phase meter (continued)



Box type 1810 for 2 SPLIT single-phase meters

Modular box several dimensions

Protection for the metering point

Quality of materials

These boxes are intended to protect external metering for single-phase clients.

They are made of glass fibre reinforced polyester, grey in colour, formed by hot-press moulding, and are self-extinguishing.

They are intended for external installation, for temperatures up to 70 °C and solar radiation up to 1200 W/m². They satisfactorily pass the heating rod test at 960 °C and have excellent resistance to heat (over 125 °C).

The door can be fitted by affixing the upper part, allowing good natural ventilation.

Closed using a standard 11-mm triangular-headed screw, embedded and sealable.

Wall-fastened, surface-mounted or embedded. Can also be attached to a post with lug strips.

The box is equipped with metal DIN rails to receive 2 SPLIT meters and 2 modular circuit breakers.

Incoming cable and feeder on the bottom of the box through universal stepped and watertight cable threaders.

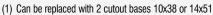
Standards

These boxes are watertight. Degree of protection IP 43, in accordance with standards NF EN 20010 and 60529. Impact resistance IK 09, in accordance with standards NF EN 50120 and NF C 20015.

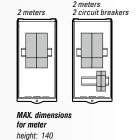
Box type 1810, grey, intended to receive up to:

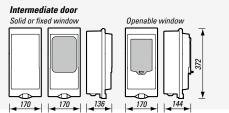
- 2 SPLIT single-phase meters,
- 2 SPLIT single-phase meters with 2 modular circuit breakers(1)

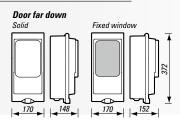
For equipment and dimensions, see details on the diagrams	Intermediate door	Door far down
Solid door	•	•
Fixed window	•	•
Openable window hatch	•	-



		Depagne
Box type 1810, unequipped	solid door	On quotation
with intermediate door	fixed window	On quotation
	openable window hatch	On quotation
Box type 1810, unequipped	solid door	On quotation
with door far down	fixed window	On quotation
Fastening to post with lug strips (not supplied), 2 brackets (T-shaped), delivered in bulk		954 274 10











Box type 1860 for 3 SPLIT single-phase meters

Capacity 3 meters

Protection for the metering point

Quality of materials

These boxes are intended to protect external metering for single-phase clients.

They are made of glass fibre reinforced polyester, grey in colour, formed by hot-press moulding, and are self-extinguishing.

They are intended for external installation, for temperatures up to 70 $^{\circ}$ C and solar radiation up to 1200 W/m². They satisfactorily pass the heating rod test at 960 $^{\circ}$ C and have excellent resistance to heat (over 125 $^{\circ}$ C).

The door can be fitted by affixing the upper part, allowing good natural ventilation.

Closed using a standard 11-mm triangular-headed screw, embedded and sealable.

Wall-fastened, surface-mounted or embedded. Can also be attached to a post with lug strips.

The box is equipped with metal DIN rails to receive 3 SPLIT meters and 3 modular circuit breakers.

Incoming cable and feeder on the bottom of the box through universal stepped and watertight cable threaders.

Standards

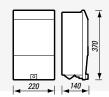
These boxes are watertight. Degree of protection IP 43, in accordance with standards NF EN 20010 and 60529. Impact resistance IK 09, in accordance with standards NF EN 50120 and NF C 20015.

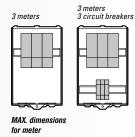
Box type 1860, grey, intended to receive up to:

- 3 SPLIT single-phase meters,
- 3 SPLIT single-phase meters with 3 modular circuit breakers(1)

	Depayrie
Box type 1860, unequipped, with solid door	600 140 00 G
Fastening to post with lug strips (not supplied), 2 brackets (T-shaped), delivered in bulk	954 274 10

(1) Can be replaced with 3 cutout bases 10x38 or 14x51





height: 148 width: 52 depth: 108

Prepayment metering BOXES for SPLIT single-phase meter (continued)



Box type 1892 for 4 SPLIT single-phase meters

Capacity 4 meters
Protection for the metering point
Quality of materials

These boxes are intended to protect external metering for single-phase clients.

They are made of glass fibre reinforced polyester, formed by hot-press moulding and are self-extinguishing.

They are intended for external installation, for temperatures up to 70 $^{\circ}$ C and solar radiation up to 1200 W/m². They satisfactorily pass the heating rod test at 960 $^{\circ}$ C and have excellent resistance to heat (over 125 $^{\circ}$ C).

The door can be fitted by affixing the upper part, allowing good natural ventilation.

Closed using a standard 11-mm triangular-headed screw, embedded and sealable.

Wall-fastened, surface-mounted or embedded. Can also be attached to a post with lug strips.

The box is equipped with metal DIN rails to receive 4 SPLIT meters and 4 modular circuit breakers.

Incoming cable and feeder on the bottom of the box through universal stepped and watertight cable threaders.

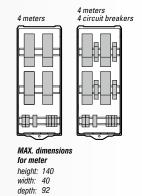
Standards

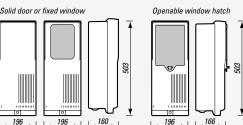
These boxes are watertight. Degree of protection IP 43, in accordance with standards NF EN 20010 and 60529. Impact resistance IK 09, in accordance with standards NF EN 50120 and NF C 20015.

Box type 1892 grey intended to receive:

- 4 SPLIT single-phase meters,

	For equipment and dimensions, see d	letails on the diagrams	Depagne
	Box type 1892, unequipped	solid door	On quotation
177 8 1		fixed window	On quotation
(0)		openable window hatch	On quotation
- Carrier III	Fastening to post with lug strips (n delivered in bulk	ot supplied), 2 brackets (T-shaped),	954 274 10
	(1) Can be replaced with 4 cutout be	ases 10x38 or 14x51	
	Solid door or fixed window	Openable window hatch	







Box type 1894 for 6 SPLIT single-phase meters

Capacity 6 meters

Protection for the metering point

Quality of materials

These boxes are intended to protect external metering for single-phase clients.

They are made of glass fibre reinforced polyester, formed by hot-press moulding and are self-extinguishing.

They are intended for external installation, for temperatures up to 70 $^{\circ}$ C and solar radiation up to 1200 W/m². They satisfactorily pass the heating rod test at 960 $^{\circ}$ C and have excellent resistance to heat (over 125 $^{\circ}$ C).

The door can be fitted by affixing the upper part, allowing good natural ventilation.

Closed using a standard 11-mm triangular-headed screw, embedded and sealable.

Wall-fastened, surface-mounted or embedded. Can also be attached to a post with lug strips.

The box is equipped with metal DIN rails to receive 6 SPLIT meters and 6 modular circuit breakers. Incoming cable and feeder on the bottom of the box through universal stepped and watertight cable threaders.

Standards

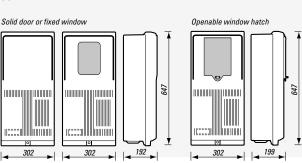
These boxes are watertight. Degree of protection IP 43, in accordance with standards NF EN 20010 and 60529. Impact resistance IK 09, in accordance with standards NF EN 50120 and NF C 20015.

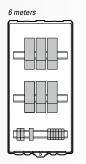
Box type 1894 grey intended to receive:

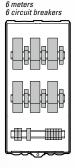
- 6 SPLIT single-phase meters,
- 6 SPLIT single-phase meters with 6 modular circuit breakers(1)

For equipment and dimensions, see details on the diagrams		Depagne
Box type 1894, unequipped solid door		On quotation
	fixed window	On quotation
	openable window hatch	On quotation
Fastening to post with lug strips (not supplied), and/or wall, 2 brackets, delivered in bulk		954 274 00
(4) October 1980 of 1880 of 18		

(1) Can be replaced with 6 cutout bases 10x38 or 14x51







MAX. dimensions for meter height: 164

width: 52 depth: 108

Prepayment metering BOXES for SPLIT single-phase meter (continued)



Box type S20 for 8 SPLIT single-phase meters

Large capacity 8 meters

Protection for the metering point

Quality of materials

These boxes are intended to protect external metering for single-phase clients.

They are made of synthetic, self-extinguishing materials in an ivory colour.

They are intended for external installation, for temperatures up to 70 $^{\circ}$ C and solar radiation up to 1200 W/m². They satisfactorily pass the heating rod test at 960 $^{\circ}$ C and have excellent resistance to heat (over 125 $^{\circ}$ C).

The door can be fitted on hinges, allowing good natural ventilation.

Closed using a standard 11-mm triangular-headed screw, embedded and sealable.

Wall-fastened, surface-mounted or embedded. Can also be attached to a post with lug strips.

The box is equipped with metal DIN rails to receive 8 SPLIT meters and 8 modular circuit breakers.

Incoming cable and feeder on the bottom of the box through universal stepped and watertight cable threaders.

Standards

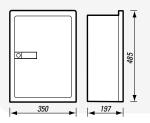
These boxes are watertight. Degree of protection IP 43, in accordance with standards NF EN 20010 and 60529. Impact resistance IK 09, in accordance with standards NF EN 50120 and NF C 20015. Compliant with the Enedis HN 62-S-20 specification.

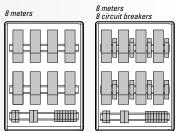
Box type S20, ivory, intended to receive up to:

- 8 SPLIT single-phase meters,
- 8 SPLIT single-phase meters with 8 modular circuit breakers⁽¹⁾

		Depagne
Box type S20, unequipped,	ivory	605 074 01
with solid door	grey	605 074 01 G
Fastening to post with lug strips (not supplied), and/or wall, 2 brackets, delivered in bulk		954 274 00

(1) Can be replaced with 8 cutout bases 10x38 or 14x51





MAX. dimensions for meter height: 140 width: 40 depth: 92



Box type S19 for 10 SPLIT single-phase meters

Large capacity 10 meters

Protection for the metering point

Quality of materials



These boxes are intended to protect external metering for single-phase clients.

They are made of synthetic, self-extinguishing materials in an ivory colour.

They are intended for external installation, for temperatures up to 70 $^{\circ}$ C and solar radiation up to 1200 W/m². They satisfactorily pass the heating rod test at 960 $^{\circ}$ C and have excellent resistance to heat (over 125 $^{\circ}$ C).

The door can be fitted on hinges, allowing good natural ventilation.

Closed using a standard 11-mm triangular-headed screw, embedded and sealable.

Wall-fastened, surface-mounted or embedded. Can also be attached to a post with lug strips.

The box is equipped with most I DIN rolls to receive 10 SPLIT.

The box is equipped with metal DIN rails to receive 10 SPLIT meters and 10 modular circuit breakers.

Incoming cable and feeder on the bottom of the box through universal stepped and watertight cable threaders.

Standards

These boxes are watertight. Degree of protection IP 43, in accordance with standards NF EN 20010 and 60529.

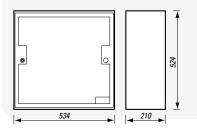
Impact resistance IK 09, in accordance with standards NF EN 50120 and NF C 20015. Compliant with the Enedis HN 62-S-19 specification.

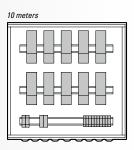
Box type S19, ivory, intended to receive up to:

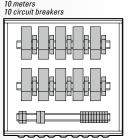
- 10 SPLIT single-phase meters,
- 10 SPLIT single-phase meters with 10 modular circuit breakers⁽¹⁾

		Depagne
Box type S19, unequipped, with solid	ivory	600 147 00
door	grey	600 147 00 G
Fastening to post with lug strips (not in 2 C-shaped profiles, delivered in bulk	cluded),	954 281 00
(4) 0 1 1 1 11 40 1 11	40.00	44.54

(1) Can be replaced with 10 cutout bases 10x38 or 14x51







MAX. dimensions for meter height: 140 width: 40

Prepayment metering BOXES for SPLIT single-phase meter (continued)



Regrouping cabinet for 40 SPLIT single-phase meters

Large capacity 40 meters **Protection** for the metering point Quality

This cabinet is intended to protect external metering for single-phase clients.

Cabinet made of glass fibre reinforced polyester, ivory in colour, formed by hot-press moulding, and self-extinguishing.

Cabinet intended for external installation, capable of resisting temperatures up to 70 °C and solar radiation up to 1200 W/m². It satisfactorily passes the heating rod test at 960 °C and has excellent resistance to heat (over 125 °C).

The assembly comprises 4 anti-billsticker faces with the door on invisible hinges.

The door is equipped with a retractable and padlockable handle with a 1/4 turn lock at 3 points, 1/2 cylinder European triangle.

The cabinet is equipped with:

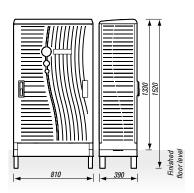
- 4 metal DIN rails to receive 40 SPLIT meters,
- 1 distributor to supply the meters,
- 1 incoming cable bar on mechanical clamp 4x240 mm².

Fastening: Anchored to the ground, or surface-mounted on concrete foundation.

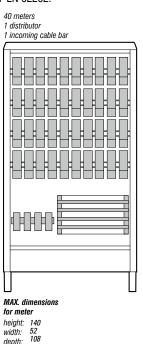
Standards

Watertight cabinets.

Degree of protection IP 44, in accordance with standard NF EN 60529. Impact-resistance IK 10, in accordance with standard NF EN 62262.



Ask us for a full, detailed evaluation tailored to your needs.



Prepayment metering BOXES for SPLIT three-phase meter



Box type 1894 for 1 SPLIT three-phase meter

Meter fastening height-adjustable **Protection** for the metering point Quality of materials

These boxes are intended to protect external metering for three-phase clients.

They are made of glass fibre reinforced polyester, formed by hot-press moulding and are self-extinguishing.

They are intended for external installation, for temperatures up to 70 °C and solar radiation up to 1200 W/m². They satisfactorily pass the heating rod test at 960 °C and have excellent resistance to heat (over 125 °C).

The door can be fitted by affixing the upper part, allowing good natural ventilation. Closed using a standard 11-mm triangular-headed screw, embedded and sealable. Wall-fastened, surface-mounted or embedded. Can also be attached to a post with lug strips. The box is equipped with:

- lugs at the base of the chamber with a height-adjustable bridge support to receive 1 SPLIT meter,
- a metal DIN rail to receive 1 connection circuit breaker or modular circuit breaker and/or 4 cutout bases. Incoming cable and feeder on the bottom of the box through universal stepped and watertight cable threaders.

Standards

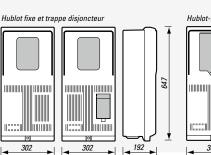
These boxes are watertight. Degree of protection IP 43, in accordance with standards NF EN 20010 and 60529. Impact resistance IK 09, in accordance with standards NF EN 50120 and NF C 20015.

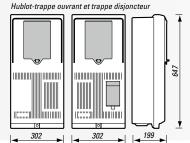
Box type 1894 grey intended to receive:

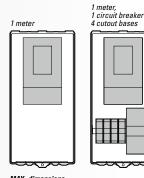
- 1 SPLIT three-phase meter,
- 1 SPLIT three-phase meter with 1 connection circuit breaker(1)

For equipment and dimensions, see details on the diagrams	
without hatch for circuit breaker	Sur devis
with hatch for circuit breaker	Sur devis
without hatch for circuit breaker	Sur devis
with hatch for circuit breaker	Sur devis
supplied), and/or wall, 2 brackets,	954 274 00
	without hatch for circuit breaker with hatch for circuit breaker without hatch for circuit breaker with hatch for circuit breaker

(1) Can be replaced with 1 modular circuit breaker and additional equipment possible with 4 cutout bases 22x58 or size 00







for meter height: 303



Prepayment metering BOXES for SPLIT three-phase meter (continued)



Box type S22 for 1 SPLIT three-phase meter

Protection for the metering point Quality of materials

This box is intended to protect external metering for three-phase clients.

They are made of synthetic, self-extinguishing materials in an ivory colour.

They are intended for external installation, for temperatures up to 70 $^{\circ}$ C and solar radiation up to 1200 W/m². They satisfactorily pass the heating rod test at 960 $^{\circ}$ C and have excellent resistance to heat (over 125 $^{\circ}$ C).

The door can be fitted on hinges, allowing good natural ventilation.

The door is equipped with a fixed, transparent window, enabling the meter to be read.

Closed using a standard 11-mm triangular-headed screw, embedded and sealable.

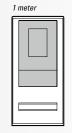
Wall-fastened, surface-mounted or embedded. Can also be attached to a post with lug strips.

The box is equipped with an adjustable board to receive 1 SPLIT meter.

Incoming cable and feeder on the bottom of the box through universal stepped and watertight cable threaders.

Standards

These boxes are watertight. Degree of protection IP 43, in accordance with standards NF EN 20010 and 60529. Impact resistance IK 09, in accordance with standards NF EN 50120 and NF C 20015. Compliant with the Enedis HN 62-S-22 specification.



MAX. dimensions for meter height: 340 width: 179 depth: 138



Box type S20 for 1 SPLIT three-phase meter

Protection for the metering point Quality of materials

This box is intended to protect external metering for three-phase clients.

They are made of synthetic, self-extinguishing materials in an ivory colour.

They are intended for external installation, for temperatures up to 70 °C and solar radiation up to 1200 W/m². They satisfactorily pass the heating rod test at 960 °C and have excellent resistance to heat (over 125 °C).

The door can be fitted on hinges, allowing good natural ventilation.

The door is equipped with a fixed, transparent window, enabling the meter to be read.

Closed using a standard 11-mm triangular-headed screw, embedded and sealable.

Wall-fastened, surface-mounted or embedded. Can also be attached to a post with lug strips.

The box is equipped with:

- lugs at the base of the chamber to receive 1 SPLIT meter,
- a metal DIN rail to receive 1 modular circuit breaker and/or 4 cutout bases.

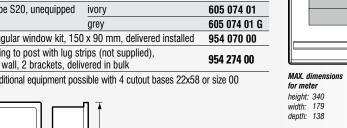
Incoming cable and feeder on the bottom of the box through universal stepped and watertight cable threaders.

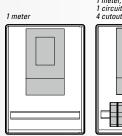
These boxes are watertight. Degree of protection IP 43, in accordance with standards NF EN 20010 and 60529. Impact resistance IK 09, in accordance with standards NF EN 50120 and NF C 20015. Compliant with the Enedis HN 62-S-20 specification.

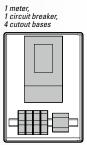
Box type S20, ivory, intended to receive:

- 1 SPLIT three-phase meter,
- 1 SPLIT three-phase meter

		Depagne
Box type S20, unequipped	ivory	605 074 01
	grey	605 074 01 G
Rectangular window kit, 150	x 90 mm, delivered installed	954 070 00
Fastening to post with lug st and/or wall, 2 brackets, deliv		954 274 00
(1) Additional equipment pos	sible with 4 cutout bases 22x58	or size 00
	n =	







Prepayment METERING boxes or post-payment single-phase for compact meter



Box type 1810 for 1 compact single-phase meter

Modular box several dimensions

Protection for the metering point

Quality of materials

These boxes are intended to protect external metering for single-phase clients.

They are made of glass fibre reinforced polyester, grey in colour, formed by hot-press moulding, and are self-extinguishing.

They are intended for external installation, for temperatures up to 70 $^{\circ}$ C and solar radiation up to 1200 W/m². They satisfactorily pass the heating rod test at 960 $^{\circ}$ C and have excellent resistance to heat (over 125 $^{\circ}$ C).

The door can be fitted by affixing the upper part, allowing good natural ventilation.

Closed using a standard 11-mm triangular-headed screw, embedded and sealable.

Wall-fastened, surface-mounted or embedded. Can also be attached to a post with lug strips.

The box is equipped with:

- lugs at the base of the chamber to receive 1 compact meter,
- a metal DIN rail to receive 1 modular circuit breaker and/or 2 cutout bases.

Incoming cable and feeder on the bottom of the box through universal stepped and watertight cable threaders.

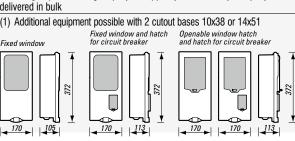
Standards

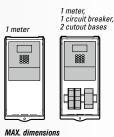
These boxes are watertight. Degree of protection IP 43, in accordance with standards NF EN 20010 and 60529. Impact resistance IK 09, in accordance with standards NF EN 50120 and NF C 20015.

Box type 1810 grey intended to receive:

- 1 compact single-phase meter,
- 1 compact single-phase meter with 1 modular circuit breaker(1)

For equipment and dimensions, see details on the diagrams		Depagne	
Fixed window	W	ithout hatch for circuit breaker	On quotation
	W	ith hatch for circuit breaker	On quotation
Openable window hato	h w	ithout hatch for circuit breaker	On quotation
	W	ith hatch for circuit breaker	On quotation
Fastening to post with delivered in bulk	lug strips (not supplie	d), 2 brackets (T-shaped),	954 274 10
(1) Additional equipmen	nt possible with 2 cutor	ut bases 10x38 or 14x51	
Fixed window	Fixed window and hatch for circuit breaker	Openable window hatch and hatch for circuit breaker	





MAX. dimension for meter height: 163 width: 130 depth: 57





Box type 1892 for 1 compact single-phase meter

Meter fastening height-adjustable
Protection for the metering point
Quality of materials

These boxes are intended to protect external metering for single-phase clients.

They are made of glass fibre reinforced polyester, formed by hot-press moulding and are self-extinguishing.

They are intended for external installation, for temperatures up to 70 $^{\circ}$ C and solar radiation up to 1200 W/m². They satisfactorily pass the heating rod test at 960 $^{\circ}$ C and have excellent resistance to heat (over 125 $^{\circ}$ C).

The door can be fitted by affixing the upper part, allowing good natural ventilation.

Closed using a standard 11-mm triangular-headed screw, embedded and sealable.

Wall-fastened, surface-mounted or embedded. Can also be attached to a post with lug strips.

The box is equipped with:

- lugs at the base of the chamber with a height-adjustable bridge support to receive 1 compact meter,
- a metal DIN rail to receive 1 connection circuit breaker or modular circuit breaker and/or 2 cutout bases. Incoming cable and feeder on the bottom of the box through universal stepped and watertight cable threaders.

Standards

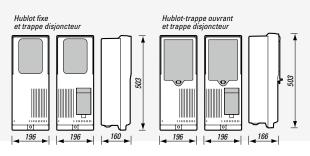
These boxes are watertight. Degree of protection IP 43, in accordance with standards NF EN 20010 and 60529. Impact resistance IK 09, in accordance with standards NF EN 50120 and NF C 20015.

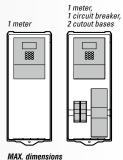
Box type 1892 grey intended to receive:

- 1 compact single-phase meter,
- 1 compact single-phase meter with 1 connection circuit breaker(1)

For equipment and dimensions, see detail	ils on the diagrams	Depagne
Fixed window	without hatch for circuit breaker	On quotation
	with hatch for circuit breaker	On quotation
Openable window hatch	without hatch for circuit breaker	On quotation
	with hatch for circuit breaker	On quotation
Fastening to post with lug strips (not sidelivered in bulk	supplied), 2 brackets (T-shaped),	954 274 10

(1) Can be replaced with 1 modular circuit breaker and additional equipment possible with 2 cutout bases 10x38, 14x51 or 22x58





MAX. dimensions for meter height: 182 width: 138 depth: 69



Prepayment METERING boxes or post-payment three-phase for compact meter



Box type 1892 for 1 compact three-phase meter

Meter fastening height-adjustable
Protection for the metering point
Quality of materials

These boxes are intended to protect external metering for three-phase clients.

They are made of glass fibre reinforced polyester, formed by hot-press moulding and are self-extinguishing.

They are intended for external installation, for temperatures up to 70 $^{\circ}$ C and solar radiation up to 1200 W/m². They satisfactorily pass the heating rod test at 960 $^{\circ}$ C and have excellent resistance to heat (over 125 $^{\circ}$ C).

The door can be fitted by affixing the upper part, allowing good natural ventilation.

Closed using a standard 11-mm triangular-headed screw, embedded and sealable.

Wall-fastened, surface-mounted or embedded. Can also be attached to a post with lug strips.

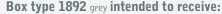
The box is equipped with:

- lugs at the base of the chamber with a height-adjustable bridge support to receive 1 compact meter,
- a metal DIN rail to receive 1 modular circuit breaker or 4 cutout bases.

Incoming cable and feeder on the bottom of the box through universal stepped and watertight cable threaders.

Standards

These boxes are watertight. Degree of protection IP 43, in accordance with standards NF EN 20010 and 60529. Impact resistance IK 09, in accordance with standards NF EN 50120 and NF C 20015.

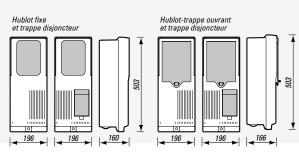


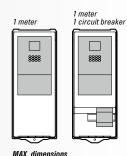
- 1 compact three-phase meter,
- 1 compact three-phase meter with 1 modular circuit breaker(1)

3 4		Ti	١
in .	9		

For equipment and dimensions, see details on the diagrams		Depagne
Fixed window	without hatch for circuit breaker	On quotation
	with hatch for circuit breaker	On quotation
Openable window hatch	without hatch for circuit breaker	On quotation
	with hatch for circuit breaker	On quotation
Fastening to post with lug strips (not	supplied), 2 brackets (T-shaped),	954 274 10

(1) Can be replaced with 4 cutout bases 10x38, 14x51 or 22x58





for meter height: 260 width: 148 depth: 100



Box type 1894 for 1 compact three-phase meter

Meter fastening height-adjustable **Protection** for the metering point Quality of materials

These boxes are intended to protect external metering for three-phase clients.

They are made of glass fibre reinforced polyester, formed by hot-press moulding and are self-extinguishing.

They are intended for external installation, for temperatures up to 70 °C and solar radiation up to 1200 W/m². They satisfactorily pass the heating rod test at 960 °C and have excellent resistance to heat (over 125 °C).

The door can be fitted by affixing the upper part, allowing good natural ventilation.

Closed using a standard 11-mm triangular-headed screw, embedded and sealable.

Wall-fastened, surface-mounted or embedded. Can also be attached to a post with lug strips.

The box is equipped with:

- lugs at the base of the chamber with a height-adjustable bridge support to receive 1 compact meter,
- a metal DIN rail to receive 1 connection circuit breaker or modular circuit breaker and/or 4 cutout bases. Incoming cable and feeder on the bottom of the box through universal stepped and watertight cable threaders.

Standards

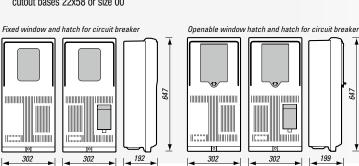
These boxes are watertight. Degree of protection IP 43, in accordance with standards NF EN 20010 and 60529. Impact resistance IK 09, in accordance with standards NF EN 50120 and NF C 20015.

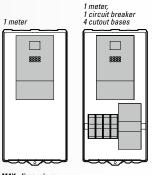
Box type 1894 grey intended to receive:

- 1 compact three-phase meter,
- 1 compact three-phase meter with 1 connection circuit breaker(1)

For equipment and dimensions, see deta	ils on the diagrams	Depagne
Fixed window without hatch for circuit breaker		On quotation
	with hatch for circuit breaker	On quotation
Openable window hatch	without hatch for circuit breaker	On quotation
	with hatch for circuit breaker	On quotation
Fastening to post with lug strips (not delivered in bulk	supplied), and/or wall, 2 brackets,	954 274 00
(1) Can be replaced with 1 modular cir	reuit breaker and additional equipment no	ceible with 1

(1) Can be replaced with 1 modular circuit breaker and additional equipment possible with 4 cutout bases 22x58 or size 00





MAX. dimensions



METERING boxes simplified for rural electrification





Protected box allowing standard connection.

Simplified procurement.

Quality of materials



These boxes are adapted to rural and suburban electrification by protecting external metering for single-phase clients.

They are made of synthetic, self-extinguishing materials in an ivory colour.

They are intended for external installation, for temperatures up to 70 $^{\circ}$ C and solar radiation up to 1200 W/m². They satisfactorily pass the heating rod test at 960 $^{\circ}$ C and have excellent resistance to heat (over 125 $^{\circ}$ C).

The door can be fitted by affixing the upper part, allowing good natural ventilation.

Closed using a standard 11-mm triangular-headed screw, embedded and sealable with the option of padlocking. Wall-fastened, surface-mounted or embedded. Can also be attached to a post with lug strips.

Incoming cables and feeders on the bottom of the box through watertight cable glands.

Equipment

The box is connected directly by 2x16 mm² on the cutout 10x38 (Ph+N) equipped with a fuse cartridge AD15. After closing the box, these terminals become completely inaccessible. On the front panel, the box has a openable window hatch, allowing the client to read the meter and reset the circuit breaker.

It may be equipped with a 16 A single-phase socket (2P+E female with flap), allowing the client to connect without opening the box.

Standards

These boxes are watertight. Degree of protection IP 43, in accordance with standards NF EN 20010 and 60529. Impact resistance IK 09, in accordance with standards NF EN 50120 and NF C 20015.



Box type 1800, ivory, without socket Without socket Fastening to post with lug strips (not supplied), 2 brackets (T-shaped), delivered in bulk Depagne 600 180 02 954 275 10





Box type	1800,	ivory,	with	socket	
----------	-------	--------	------	--------	--

	Depagne
With NF standard 16 A socket	600 180 01
Fastening to post with lug strips (not supplied), 2 brackets (T-shaped),	954 275 10
delivered in bulk	904 270 10



Boxes with SOCKETS

The boxes, equipped with sockets, are intended for external use.

They are intended to withstand temperatures up to 70 °C and solar radiation up to 1200 W/m².

They satisfactorily pass the heating rod test at 960 °C and have excellent resistance to heat (over 125 °C).

Closed using a standard 11-mm triangular-headed screw, embedded and sealable (padlocking optional for the 1800).

The door can be fitted by affixing the upper part, allowing good natural ventilation.

Wall-fastened, surface-mounted or embedded. Can also be attached to a post with lug strips.

Incoming cable and feeder on the bottom of the box through universal stepped and watertight cable threaders.



Box type 1800, ivory, with 2 sockets

Compact box with reduced dimensions
Quality of materials



They are made of synthetic, self-extinguishing materials in an ivory colour.

These boxes are watertight. Degree of protection IP 43, in accordance with standards NF EN 20010 and 60529. Impact resistance IK 09, in accordance with standards NF EN 50120 and NF C 20015.

Electronic equipment:

- 2 single-phase 16 A sockets (2P+E female with flap)
 IP 44 from the NF standard,
- 1 lever switch IP 41,
- 1 openable, transparent window hatch allowing access to the circuit breaker,
- 1 incoming cable on 3 terminal units of 16 mm² max. capacity (E+PH+N),
- 1 feeder on 2 terminals N+Ph for light circuit.

	Depagne
With 2 NF standard 16 A sockets	On quotation
Fastening to post with lug strips (not supplied), 2 brackets (T-shaped), delivered in bulk	954 275 10

Electronic protection:

- general differential protection 20 A 30 mA,
- each socket is protected with a 10 A circuit breaker,
- The light circuit is protected by a cutout equipped with a 10 A fuse.





Box type 1810, grey, with 4 sockets

Capacity 4 sockets
Quality of materials



They are made of glass fibre reinforced polyester, grey in colour, formed by hot-press moulding, and are self-extinguishing. These boxes are watertight. Degree of protection IP 43, in accordance with standards NF EN 20010 and 60529. Impact resistance IK 09, in accordance with standards NF EN 50120 and NF C 20015.

Electronic equipment:

- 4 single-phase 16 A sockets (2P+E female with flap)
 IP 44 from the NF standard,
- 2 lever switches IP 41,
- 1 openable, transparent window hatch allowing access to the circuit breaker,
- 1 incoming cable on 3 terminal units of 16 mm² max. capacity (E+PH+N),
- 2 feeders on 2 terminals N+Ph for light circuit.

	Depagne
With 4 NF standard 16 A sockets	On quotation
Fastening to post with lug strips (not supplied),	954 274 10
2 brackets (T-shaped), delivered in bulk	934 274 10

Electronic protection:

- general differential protection 40 A 30 mA,
- each group of 2 sockets is protected with a 20 A circuit breaker,
- each light circuit is protected by a 10 A circuit breaker.



PROTECTION panels and boxes



Metering panel for client-meter interface (CIU) and connection circuit breaker

capacity SINGLE-PHASE or THREE-PHASE

Quality of materials

Protection and access panel + casing + hatch

These panels are intended to house a client-meter interface (CIU) and a single-phase or three-phase connection circuit breaker.

The base and board are made of white, self-extinguishing thermoplastic.

The cover housing and hatch are made of transparent unbreakable polycarbonate.

Wall fastening or surface-mounted with 4 screws affixed through the corners.

Incoming cables and feeders on one of the 4 sides of the box through pre-drilled holes.

Composition:

- 1 base allowing the assembly to be fixed to the panel,
- 1 board with the equipment (client-meter interface (CIU) and circuit breaker),
- the cover housing and hatch enable the inside to be viewed and the controls to be accessed.

Standards

Material compliant with the Enedis HN 62-S-81 specification.

SINGLE-PHASE metering panel, white, intended to receive:

- 1 client-meter interface (CIU)
- 1 single-phase connection circuit breaker

For client-meter interface (CIU) and single-phase circuit breaker

On quotation

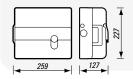


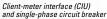
THREE-PHASE metering panel, white, intended to receive:

- 1 client-meter interface (CIU)
- 1 three-phase connection circuit breaker

Depagne

For client-meter interface (CIU) and three-phase circuit breaker **On quotation**







Client-meter interface (CIU) height: 69 width: 134

Circuit breaker centre distance height: 130

Client-meter interface (CIU) and three-phase circuit breaker





Box type 1810 for single-phase circuit breakers

Modular box several dimensions Quality



These boxes are intended to protect the single-phase circuit breakers.

They are made of glass fibre reinforced polyester, grey in colour, formed by hot-press moulding, and self-extinguishing.

They are intended for external installation, for temperatures up to 70 °C and solar radiation up to 1200 W/m². They satisfactorily pass the heating rod test at 960 °C and have excellent resistance to heat (over 125 °C).

The door can be fitted by affixing the upper part, allowing good natural ventilation.

The door is equipped with a transparent openable window hatch, enabling access to the circuit breakers. Closed using a standard 11-mm triangular-headed screw, embedded and sealable with the option of padlocking.

Wall-fastened, surface-mounted or embedded. Can also be attached to a post with lug strips.

The box is equipped with a metal DIN rail to receive the equipment.

Incoming cable and feeder on the bottom of the box through universal stepped and watertight cable threaders.

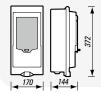
These boxes are watertight. Degree of protection IP 44, in accordance with standards NF EN 20010 and 60529. Impact resistance IK 09, in accordance with standards NF EN 50120 and NF C 20015.

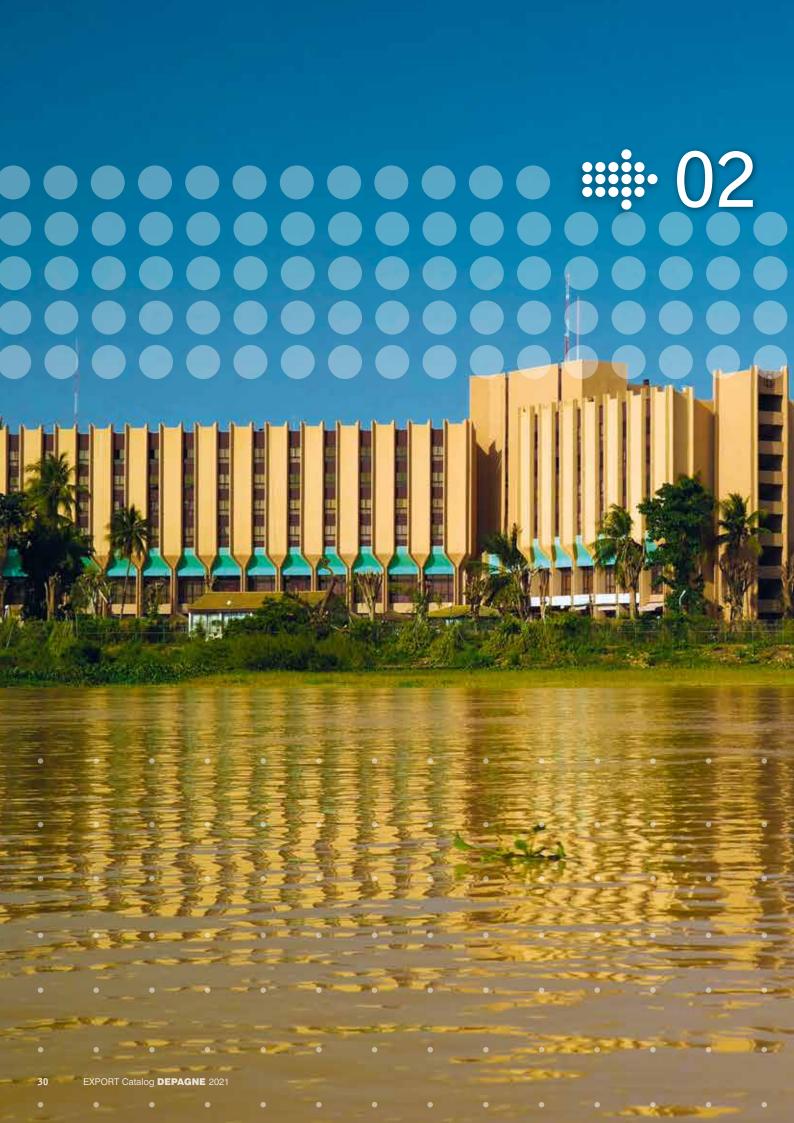
Box type 1810 grey intended to receive: - 1 modular circuit breaker C10,

- 1 modular circuit breaker C20,
 1 differential switch 25 to 30 mA,
- 1 connection circuit breaker.



	Depagne
Box type 1810, unequipped, with intermediate door and opena window hatch	On quotation
Fastening to post with lug strips (not supplied), 2 brackets (T- delivered in bulk	shaped), 954 274 10









FOR INDIVIDUAL AND COLLECTIVE CONNECTION

- Electric metering outdoor boxes range
 HN 62-S-15 and HN 62-S-20 boxes
 HN 62-S-15 and HN 62-S-20 bases and grids
- Individual connection outdoor boxes range HN 62-S-22 boxes

Electric metering outdoor BOXES range

HN 62-S-15 and HN 62-S-20 boxes

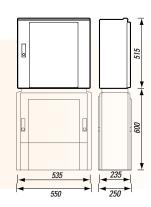
They can be used for power supply and metering for individual houses and housing estates.

The boxes contains a chamber and a door with triangle lock. Made of synthetic insulating and self-extinguishing material. IP43 according to NF EN 60529 and IK09. Fixing: built-in, on a base or against a wall.

Standards

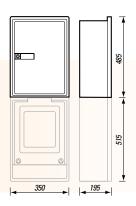
Complies with Enedis specifications HN 62-S-20, HN 62-S-15, HN 60-S-01, HN 60-S-02, HN 60-S-03.

\$15 boxes ivory or grey			
		Enedis	Depagne
lvory	without window	69 80 068	367 009 00
	with window	69 80 067	367 019 00
Grey	without window		367 009 00 G
	with window		367 019 00 G
Fixing wall-mounted	I 2 C-profiles for box width between 30	0/500 mm	954 271 00
Pole fixing for strips supplied mounted	(not supplied) and/or wall fixing kit, 2	brackets,	954 274 01
Pole fixing for strips supplied in bulk with	(not supplied) and/or wall fixing, 2 bra n nut	ckets,	954 274 00





S20 boxes ivory	Enedis	Depagne
Single-phase	69 80 020	674 001 00
Three-phase	69 80 022	674 002 00
Single-phase/three-phase	69 80 130	674 005 00
Pole fixing for strips (not supplied) and/or wall fixing kit, 2 supplied mounted		954 274 01
Pole fixing for strips (not supplied) and/or wall fixing, 2 br supplied in bulk with nut	ackets,	954 274 00
Fixing wall-mounted 2 C-profiles for box width between 2	50/300 mm	954 270 00





Single-phase Single-phase/ three-phase

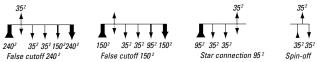
S20 panels ivory

	Enedis	Depagne
without opening for meter with insulation piercing end caps	69 80 186	613 204 61
with opening for meter	69 80 132	674 006 00
with 3 fastening lugs	69 80 033	674 030 00
	insulation piercing end caps with opening for meter	without opening for meter with insulation piercing end caps with opening for meter 69 80 132



They can be used for power supply and metering for individual houses and housing estates.

Bases can be equipped with a different types grids:



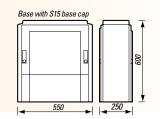
Made of synthetic insulating and self-extinguishing material. IP43 according to NF EN 60529 and IK09. Fixing: sealed to the ground or to a wall.

Standards

Complies with Enedis specifications HN 62-S-20, HN 62-S-15, HN 60-S-01, HN 60-S-02, HN 60-S-03.

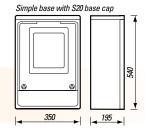


or grev			
39		Enedis	Depagne
ivory	not equipped and opening	69 80 084	304 208 00
	can be equipped	69 80 086	304 200 00
grey	non équipable ouvrant		304 208 00 G
	équipable		304 200 00 G
ivory		69 80 087	304 201 00
grey			304 201 00 G
	ivory grey ivory	ivory not equipped and opening can be equipped grey non équipable ouvrant équipable ivory	ivory not equipped and opening 69 80 084 can be equipped 69 80 086 grey non équipable ouvrant équipable ivory 69 80 087





S20 bases ivory	Enedis	Depagne
S20 simple base	69 80 035	674 010 00
S20 base cap	69 80 041	674 012 00





Grids			
dilas		Enedis	Depagne
Star connection grid	S15/S20, 95 mm ²	69 80 047	674 017 00
Spin-off grid	S20/S15, 3 incoming/feeders, 1 x S23 shunt	69 80 492	180 017 00
False cutoff grid	S20, 150 mm ² , 700 cycles	69 80 042	674 016 00
	S20, 240 mm ² , 700 cycles	69 80 043	674 015 00
Adapter kit	in S15 base for 150 and 240 mm ² false cutoff grid, 700 cycles	69 80 090	904 505 00

Individual connection outdoor BOXES range

HN 62-S-22 boxes

These boxes can be installed outdoors or at a property boundary (accessible from the public property).

Incoming cable and feeder enter at the lower part using a removable drawer. Internal equipment mounted on an insulating board, adjustable in lateral racks.

Possible equipment: A2 D2 (Ph+N incoming cable, Ph+N feeder),

A4 D2 (3 Ph+N incoming cable, Ph+N feeder),

A4 D4 (3 Ph+N incoming cable, 3 Ph+N feeder).

Conductors are connected via dielectric breakdown with meltable fuse head connectors: 16 to 25 mm² stranded, copper or aluminium and 16 to 35 mm² solid aluminium.

Closed by triangle lock with sealable sliding flap.

Wall-mounted, surface-mounted, built-in or on a post or on a base.

Standards

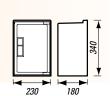
Complies with Enedis specifications HN 62-S-22, HN 60-S-01 and HN 60-S-02.

The boxes are designed to meet the operating and implementation conditions set out in NF C 14-100.

Protection of enclosures: IP43 enclosures in accordance with NF EN 60529, IK10 in accordance with NF EN 50102, IPXXB open door in accordance with NF EN 60529.

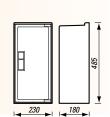


S22 single box	es ivorv			
3			Enedis	Depagne
S22 single box	A2 D2		69 80 420	180 300 01
single-phase		with 4 ways strip		180 301 01
	A4 D2			180 400 01
		with 4 ways strip	69 80 424	180 401 01
S22 single box	A4 D4			180 500 01
three-phase		with 4 ways strip		180 501 01
S22 single box	unequipp	ed		180 319 01
S22 base, ivory			69 80 460	183 000 01
S22 low base, ivory				183 010 01
Mounted on a post wi	th 2 lug strip	for S22 box	69 80 511	184 915 00



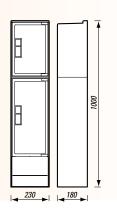


S22 high boxes	ivorv			
0go			Enedis	Depagne
S22 high box	A2 D2		69 80 430	181 300 01
single-phase		with 4 ways strip		181 301 01
	A4 D2			181 400 01
		with 4 ways strip	69 80 434	181 401 01
S22 high box	A4 D4			181 500 01
three-phase		with 4 ways strip		181 501 01
S22 high box	unequipp	ed		181 319 01
S22 base, ivory			69 80 460	183 000 01
S22 low base, ivory				183 010 01
Mounted on a post w	ith 2 lug strip	for S22 box	69 80 511	184 915 00



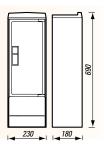


			Enedis	Depagne
S22 pedestal box (single box	A2 D2		69 80 440	182 300 01
on base) single-phase		with 4 ways strip		182 320 01
	A2 D2 with		69 80 451	182 301 01
	spin-off grid	with 4 ways strip		182 330 01
	A4 D2			182 400 01
		with 4 ways strip	69 80 444	182 420 01
	A4 D2 with			182 430 01
	spin-off grid	with 4 ways strip		182 440 01
S22 pedestal box (single box	A4 D4			182 500 01
on base) three-phase		with 4 ways strip		182 520 01
	A4 D4 with			182 530 01
	spin-off grid	with 4 ways strip		182 540 01
S22 pedestal box (high box on low base) single-phase	A2 D2		69 80 536	182 323 01
S22 pedestal box	unequipped			182 319 01
-		with spin-off grid		182 337 01
S22 low base, ivory				183 010 01
S22 spin-off grid, 3 incoming c	ables/feeders, 1	S23 shunt	69 80 493	180 018 00





S22 single pedestals i	vorv			
3 1			Enedis	Depagne
S22 single pedestal (base	A2 D2		69 80 520	183 100 01
with base cap) single-phase		with 4 ways strip		183 102 01
	A4 D2			183 209 01
		with 4 ways strip	69 80 524	183 202 01
S22 single pedestal (base	A4 D4			183 300 01
with base cap) three-phase		with 4 ways strip		183 302 01
S22 single pedestal	unequipped			183 329 01
S22 base cap, ivory			69 80 472	183 001 00



S22 grid

The modular design of the HN 62-S-22 range makes it possible to create different configurations by simply adding kits:

- three-phase kit (or single-phase/three-phase), users with a single-phase box can convert their box to three-phase. This conversion is achieved by simply clipping on the kits.
- This three-phase kit is made up of an upstream module + a downstream module + a IP2X cover,
- **phase balancing kit** balances the customer feeder. It is equipped with an upstream module + an empty downstream module + IP2X cover.

Spin-off grid

Insulation piercing spin-off grid compliant with HN 62-S-23 specification. Includes 4 individual, transparent IP2X covers.



		Enedis	Depagne
Spin-off grid	S22, 3 incoming/feeders, 1 S23 shunt	69 80 493	180 018 00
Star connection grid	S22, 1 incoming 150 mm ² and 3 feeders 35 mm ²	69 80 503	540 464 00
False cutoff grid	S22, 2 incoming 150 mm ² and 3 feeders 35 mm ²	69 80 508	540 488 00





FOR MONITORED POWER CONNECTION HTA SUPPLY POINT CONNECTION

BPS boxes (2020 level)

Monitored Power Connection from 36 to 250 kVA

BPS boxes 100A type 1, type 2 38
BPS boxes 400A type 1, type 2, type 3, type 4 39
Monitored Power Connection boxes version 2 40

BPS cabinets for Monitored Power Connection from 36 to 250 kVA

Industrial-type boxes 42

Metering switchboard for HTA meter......

BPS BOXES (2020 level),

Monitored Power Connection from 36 to 250 kVA



Identical box dimensions Interchangeable boxes. **Simplified commercial offer** Reduction in reference numbers,

100 A boxes or 400 A boxes.

Measuring terminal innovation Injection of U (voltage) downstream of toroids.

Technical points

Increased safety when commissioning the installation Improved measuring accuracy **Compact and functional measuring terminal** Passage for remote antenna wire

IP2X protection by construction.

Single-rating toroids 100-500/5 class 0.2S. Protection of U (voltage) and I (current) shunt.

BPS 100 A boxes





Composition:

- 1 chamber (type HN 62-S-20) equipped with RJ45 socket and passage for antenna,
- 1 fitted-up and wired door serving as control board (U & I test boxes, SME/SMI meter and modem),
- 1 bottom board with the following components:
- · cone grommet,
- padlockable isolating switch with visible 100 A contact separation,
- Interior equipment:
- · Copper or aluminium connection terminals, 25 to 95 mm²,
- Upstream protection (only type 2),
- Single-rating toroids 100-500/5 class 0.2S,
- U & I metering terminal.

Installation

Surface-mounted with 3 attachment points (1 at the top through keyhole and 2 at the bottom).

Standards

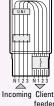
Electronic equipment compliant with technical specifications:

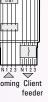
- Enedis-Spec-Coaffret Brt PS-V2,
- Enedis-cpt-mac-spe-19020-V0,
- IEC 61869-1 and IEC 61869-2.



BPS 100 A type 1 box, ivory

Bottom incoming cable, bottom feeder (AB, DB), without upstream protection	Enedis	Depagne
Box BPS 100A type 1		
with Enedis symbol*	69 88 905	988 905 00
+ 100 A disconnection,	09 00 903	900 900 00
without meter or modem		



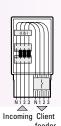


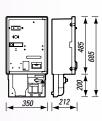


BPS 100 A type 2 box, ivory

Bottom incoming cable, bottom feeder (AB, DB), with upstream protection	Enedis	Depagne
Box BPS 100A type 1 with Enedis symbol* + 100 A disconnection, without meter or modem	69 88 915	988 915 00

^{*} The box is equipped with a cover with Enedis symbol on the door. For the version without a symbol, replace with the cover without a symbol (supplied in the box).







BPS 400 A boxes

New

Composition:

- 1 chamber (type HN 62-S-19) equipped with RJ45 socket and passage for antenna,
- 1 fitted-up and wired door serving as control board (U & I test boxes, SME/SMI meter and modem),
- 1 board with the following components:
- cone grommet (type 1 and 2),
- cabling box (type 3 and 4),
- padlockable isolating switch with visible 400 A contact separation,
- Interior equipment:
 - copper or aluminium connection terminals, 50 to 240 mm²,
- upstream protection (only type 2),
- single-rating toroids 100-500/5 class 0.2S,
- U & I metering terminal.

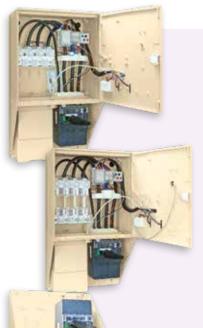
Installation

Surface-mounted with 4 attachment points (2 at the top through keyhole and 2 at the bottom).

Standards

Electronic equipment compliant with technical specifications:

- Enedis-Spec-Coffret Brt PS-V2,
- Enedis-cpt-mac-spe-19020-V0,
- IEC 61869-1 and IEC 61869-2.

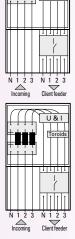


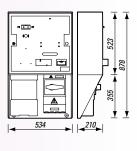
BPS 400 A type 1 box, ivory

Bottom incoming cable, bottom feeder (AB, DB), without upstream protection	Enedis	Depagne
Box BPS 400A type 1		
with Enedis symbol*	60 88 004	988 906 10
+ 400A disconnection,	03 00 304	300 300 10
without meter or modem		

BPS 400 A type 2 box, ivory

Bottom incoming cable, bottom feeder (AB, DB), with upstream protection	Enedis	Depagne
BPS 400 A type 2 box		
with Enedis symbol*	60 00 01 4	988 918 10
+ 400A disconnection,	09 00 914	900 910 10
without meter or modem		





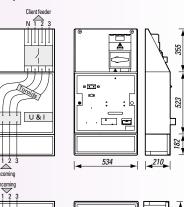
BPS 400 A type 3 box, ivory

Bottom incoming cable, top feeder (AB, DH), without upstream protection	Enedis	Depagne
BPS 400 A type 3 box with Enedis symbol* + 400A disconnection, without meter or modem	69 88 924	988 926 10

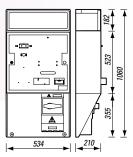
В	PS	400	Α	tvn	e 4	box,	ivorv
_				~ <i>)</i> [٠.	~~,	1001

Top incoming cable, bottom feeder (AH, DB), without upstream protection	Enedis	Depagne
BPS 400 A type 4 box		
with Enedis symbol*	60 00 024	988 936 10
+ 400A disconnection,	09 00 934	300 330 10
without meter or modem		

* The box is equipped with a cover with Enedis symbol on the door. For the version without a symbol, replace with the cover without a symbol (supplied in the box).



U & I



1060



BPS BOXES (2020 level),

Monitored Power Connection from 36 to 250 kVA (continued)

Monitored Power Connection boxes version 2

This equipment is used in addition to the power box.



Boxes version 2 equipped with metering panel version 2 ivory

Outdoor use, HN 62-S-19 box with metering panel version 2.

	Enedis	Depagne
Enedis logo	69 88 845	988 845 00
Without logo		988 845 01

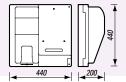




Metering panel version 2 ivory

Indoor use, a control panel equipped with test boxes, cable harnesses and a customer terminal block.

	Enedis	Depagne
Equipped with voltage test box		
(BU), current test box (BI) and	69 88 850	988 850 00
customer terminal box		





BPS CABINETS

for Monitored Power Connection from 36 to 250 kVA

This range of cabinets is designed for outdoor monitored power metering from 36 to 250 kVA.

Equipment

- Universal mounting system or modular frame designed to receive any approved BPS box available on the market.
- Universal circuit-breaker (AGCP) bracket to mount models rated 100 to 400A:
 SCHNEIDER ELECTRIC (NS and NSX range), LEGRAND (DPX range), GE POWER (FD, FE and FG range),
 EATON (NZ range), HAGER (X160, X250, H250 and H630 range)...

Accessories

• Following BPS boxes: box type 1 or type 2 with 100A isolating switch (enclosure HN 62-S-20),

box version 3 type 2 with 200A isolating switch (enclosure HN 62-S-19), box version 3 type 2 with 400A isolating switch (enclosure HN 62-S-19).

• AGCP + link with 4 flexible cables including:

 - 1 integrated circuit-breaker with differential protection, breaking capacity Icu 36 kA, rated 100 to 400A, (complies with NF IEC 60947-2),

- 4 flexible single-pole copper cables (class 5) with lugs: 50 mm² for AGCP 100A or 160A,

70 mm² for AGCP 250A, 150 mm² for AGCP 400A.

- · Link with 4 flexible cables (without AGCP),
- · Remote reader base or remote reader unit.

Standards

 Compliant with specification Enedis-DFI_Index 1: "Cabinet for monitored power connection, range from 36 to 250 kVA low voltage", IP44 according to NF EN 60529, IK10 according to NF EN 62262.



Composite BPS cabinets ivory

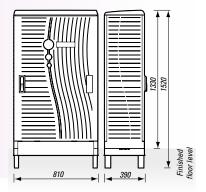
Technical qualities Ergonomics Design



Glass fibre reinforced polyester unit: protection IP44, IK10, 4 anti-posting sides. Door equipped with european rectangle 1/2 cylinder lock, 3 points 1/4 turn lock, retractable and padlockable handle and invisible hinges.

Fixing: anchored to the ground, or surface-mounted on concrete foundation. Optional: remote reader base or unit on the door.

		Enedis	Depagne
Composite BPS cabinet,	Enedis logo	69 80 235	980 235 00
integrated base	without logo		980 235 01



Industrial-type BOXES

These boxes are intended to protect the three-phase industrial metering.

They are made of synthetic, self-extinguishing materials in an ivory colour.

They are intended for external installation, for temperatures up to 70 °C and solar radiation up to 1200 W/m². They satisfactorily pass the heating rod test at 960 °C and have excellent resistance to heat (over 125 °C).

Standards

These boxes are watertight. Degree of protection IP 43, in accordance with standards NF EN 20010 and 60529. Impact resistance IK 09, in accordance with standards NF EN 50120 and NF C 20015. Compliant with the Enedis HN 62-S-19 specification.

Type S19 boxes side by side - THREE-PHASE



The assembly comprises 2 type S19 boxes, side by side and fixed together. The doors are mounted on hinges, allowing good natural ventilation when open, possible left-to-right or right-to-left.

Closed using 2 standard 11-mm triangular-headed screws, padlockable. Wall-fastened, surface-mounted or embedded.

Incoming cables and feeders on the top and bottom of the box through watertight cable glands.

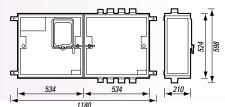
The left-hand box is equipped with a board and current/voltage test

boxes and place for the

three-phase meter.

The right-hand box is equipped with single-rating toroids 100-500/5 class 0.2S with incoming cable connectors or a grille designed to receive CTs.

Type S19 boxes, side by side On quotation





Type S19 boxes, stacked - THREE-PHASE

The assembly comprises 2 type S19 boxes, stacked and fixed together. The doors are mounted on hinges, allowing good natural ventilation when open, possible left-to-right or right-to-left.

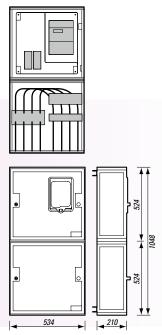
Closed using 2 standard 11-mm triangular-headed screws, padlockable. Wall-fastened, surface-mounted or embedded. Incoming cables and feeders on the bottom of the box.

The upper box is equipped with a board and current/voltage test boxes and place for the three-phase meter.

The lower box is equipped with single-rating toroids 100-500/5 class 0.2S with incoming cable connectors.

Type S19 boxes, stacked

On quotation



Metering switchboard for HTA meter

The metering board for HTA meter (Green tariff) is optimized for all installations with three-phase connection. HTA delivery point (technical room).

The whole set is made of sheet-steel with rustproof primary coating and corrosion-resistant paint. Use in closed area, on resistant and open support, protected from the rain, dust and smoke.

• 1 chamber: 3 grommets in bottom part,

connection wiring-HTA meter, connection terminal blocks.

• 1 hinged door: opening by 2 SV M5X50 sealable buttons,

feed-through for connection wiring-HTA meter,

location with fasteners for HTA meter,

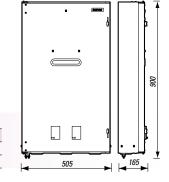
voltage test box (U), amperage test box (U).

Standards

Comply with ENEDIS specifications HR 23/96/056 E of September 1999. Installation standards NF C 14-100.

Metering switchboard for HTA meter ivory

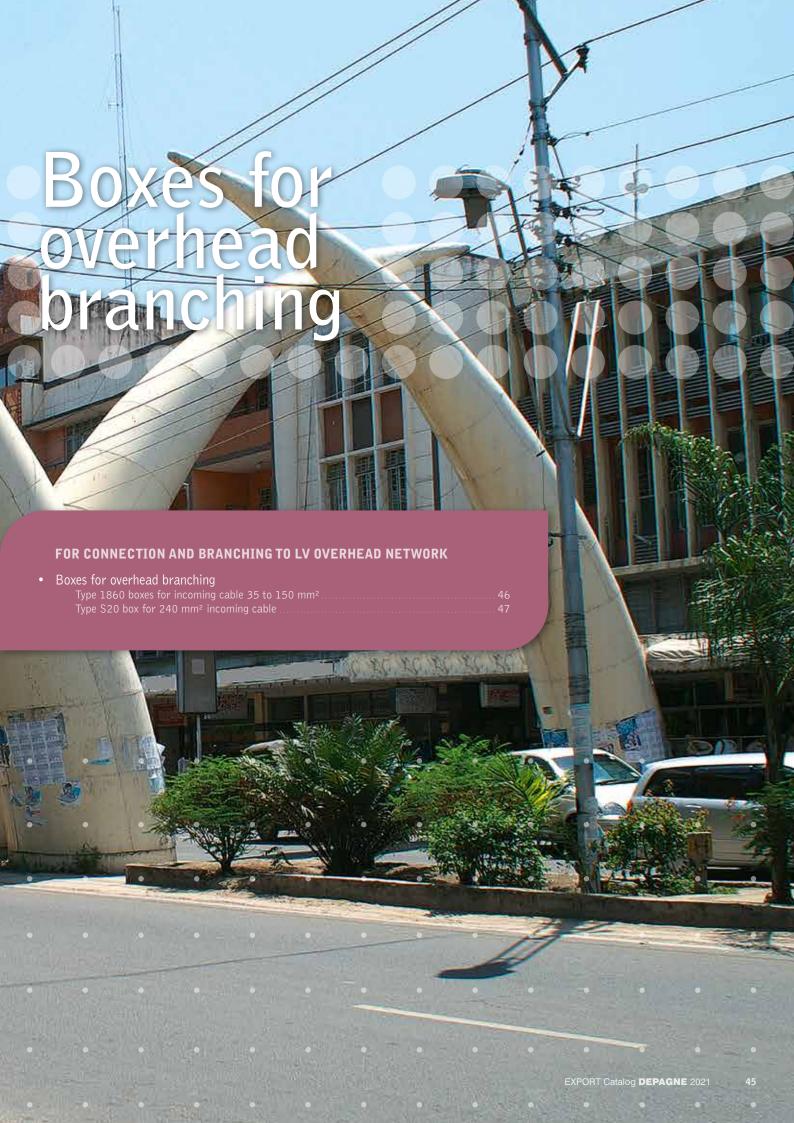
Enedis	Depagne
69 88 792	369 792 00
69 88 793	369 793 00
69 88 794	369 794 00
	69 88 792 69 88 793











BOXES for overhead branching



Type 1860 boxes for incoming cable 35 to 150 mm²

These boxes are intended for connection of up to 4 feeders from the low voltage network.

They are made of glass fibre reinforced polyester, formed by hot-press moulding and are self-extinguishing.

They are intended for external installation, for temperatures up to 70 °C and solar radiation up to 1200 W/m².

They satisfactorily pass the heating rod test at 960 °C and have excellent resistance to heat (over 125 °C).

The door can be fitted by affixing the upper part, allowing good natural ventilation.

Closed using a standard 11-mm triangular-headed screw, embedded and sealable.

Wall-fastened, surface-mounted or embedded. Can also be attached to a post with lug strips.

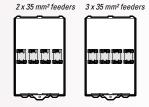
Incoming cables and feeders on the bottom of the box through universal stepped and watertight cable threaders (4x for three-phase).

Standards

These boxes are watertight. Degree of protection IP 43, in accordance with standards NF EN 20010 and 60529. Impact resistance IK 09, in accordance with standards NF EN 50120 and NF C 20015. These boxes comply with Enedis specifications HN 60-E-02 and HN 60-S-03.

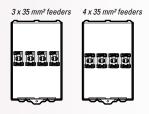
Type 1860 box, grey, 35 mm² incoming cable and 35 mm² feeders

			Depagne
Equipped	1 x 35 mm ² incoming cable and 2	x 35 mm² feeders	172 330 00
with	1 x 35 mm ² incoming cable and 3	x 35 mm² feeders	172 340 00
	Cable capacity	MIN. section	MAX. section
	Incoming cable	6 mm ²	35 mm ²
	Feeder	6 mm ²	35 mm ²



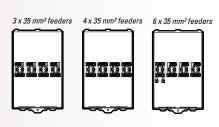
Type 1860 box, grey, 50 mm² incoming cable and 35 mm² feeders

			Depagne
Equipped	1 x 50 mm ² incoming cable and 3	3 x 35 mm² feeders	169 940 00
with	1 x 50 mm ² incoming cable and 4 x 35 mm ² feeders		169 950 00
	Cable capacity	MIN. section	MAX. section
	Incoming cable	6 mm ²	50 mm ²
	Feeder	6 mm ²	35 mm ²



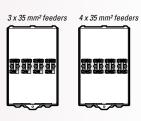
Type 1860 box, grey, 95 mm² incoming cable and 35 mm² feeders

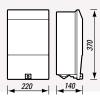
			Depagne
Equipped with	1 x 95 mm ² incoming cable and	3 x 35 mm ² feeders	170 328 00
	1 x 95 mm ² incoming cable and	170 330 00	
	1 x 95 mm ² incoming cable and	6 x 35 mm ² feeders	170 331 00
	Cable capacity	MIN. section	MAX. section
	Incoming cable	50 mm ²	95 mm ²
	Feeder	6 mm ²	35 mm ²



Type 1860 box, grey, 150 mm² incoming cable and 35 mm² feeders

			Depagne
Equipped	1 x 150 mm ² incoming cable and 3 x 35 mm ² feeders		171 328 00
with	1 x 150 mm ² incoming cable and	171 329 00	
	Cable capacity	MIN. section	MAX. section
	Incoming cable	35 mm ²	150 mm ²
	Feeder	6 mm ²	35 mm ²







Type S20 box for 240 mm² incoming cable

These boxes are intended for connection of up to 4 feeders from the low voltage network.

They are made of synthetic, self-extinguishing materials in an ivory colour.

They are intended for external installation, for temperatures up to 70 $^{\circ}\text{C}$ and solar radiation up to 1200 W/m². They satisfactorily pass the heating rod test at 960 $^{\circ}\text{C}$ and have excellent resistance to heat (over 125 $^{\circ}\text{C}$).

The door can be fitted on hinges, allowing good natural ventilation.

Closed using a standard 11-mm triangular-headed screw, embedded and sealable.

Wall-fastened, surface-mounted or embedded. Can also be attached to a post with lug strips. Incoming cables and feeders on the bottom of the box through universal stepped and watertight cable threaders (4x for three-phase).

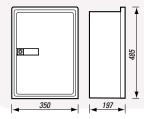
Standards

These boxes are watertight. Degree of protection IP 43, in accordance with standards NF EN 20010 and 60529. Impact resistance IK 09, in accordance with standards NF EN 50120 and NF C 20015. These boxes are compliant with the Enedis HN 62-S-20 specification.

Type S20 box, ivory, 240 mm² incoming cable and 50 mm² feeders

			Depagne
Equipped with	1 x 240 mm ² incoming	cable and 4 x 50 mm ² feeders	171 330 00
	Cable capacity	MIN. section	MAX. section
	Incoming cable	150 mm ²	240 mm ²
	Feeder	16 mm ²	50 mm ²









FOR OUTDOOR LIGHTING INSTALLATION TEMPORARY ILLUMINATION ROAD SIGNAGE

Standards and protection	50
Single-phase command and control boxes	
Meije 800x250 boxes, 0isans 1000x250 boxes, S17 type 2 boxes	5.0
and \$20 (\$2000) boxes	52
1894 box	53
Three-phase command and control boxes	
Meije 800x500 boxes, Oisans S17 type 3boxes et S15 (S300) boxes	54
 Junction and protection boxes at the base of lighting poles 	
Boxes type 0,	56
Boxes type 1 and type 2	57
Boxes type 3 and connection board	58
Boxes type 4	59
Outdoor connection and protection boxes for lighting poles	
Boxes type 597 and type 593	60
Boxes LUMI 591, type 598 and LUMIprise, lighting pole top connection socket	
	3
 Outdoor connection and protection boxes 	
Boxes 1800 and 1810	62
Boxes 1835 and S22	63
Specific equipment for lighting poles	
Lighting pole base plates and protection caps for nuts and anchor rods	64
Temporary protection pedestals and RESTOSOL®, cable anti-theft device	
	65
Lighting management solutions	66

STANDARDS and protection



Our ranges of boxes and cabinets are designed to supply power to outdoor lighting, road signageor temporary power installations.



Connection of cabinets and boxes

The NF C 17-200 rules apply to the Outside Lighting field, in the case of **new works** or **upgrading of existing facilities** (in addition to standards NF C 13-100, NF C 13-200, NF C 14-100, NF C 15-100 and NF C 15-150-1).

The revisions of these added standards to the mandatory requirement of Enedis G.7.4-01 apply to:

- outdoor lighting, public and private roads, parks, gardens, stadiums...,
- lighting of street furniture,
- · beacon lights,
- · lighting of public roads,
- · illuminations.

The main modification lies in the necessity of a physical separation between the network manager's equipment and the outdoor lighting operator.

The CCPI function is therefore separated from the metering part and from the equipment, and is placed inside a box validated by Enedis, such as S20 or CIBE.

Protection against direct contact

- The boxes or cabinets door needs a special tool for opening.
- IP2X degree of protection (Ø 12 mm) after the door is opened.
- Dielectric strength of 4 kV between conductors and the external conductive parts.

Protection against indirect contact

The exposed conductive parts of the installation are connected to the same earth connection.

Regardless of the protection class of the equipment, the lighting poles are connected to the earth through earth terminals.

Degrees of protection

IP34 control box and external equipment to lighting poles

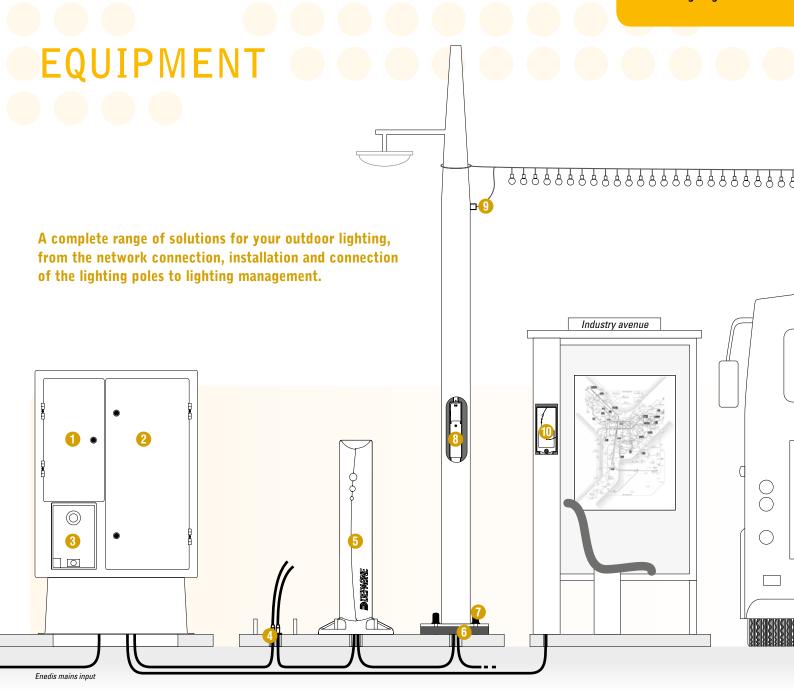
IP21 lighting pole internal equipment

IP24 lighting poles installed < 2.5 m high

IP23 lighting poles installed > 2.5 m high

IP44 network manager box





Distribution box

Box with separation of zones NF C 14-100 and NF C 17-200:

- Metering compartment,
 space for the Enedis approved control
 panel including the meter and the AGCP,
 Main Control and Protection Device
 (NF C 14-100),
- control compartment, space for the street light controls on a pre-wired board and under a conduit box (NF C 17-200),
- 3 network manager compartment, space for the connection protection device CCPI (Single-pole Individual Main Cutout) in the Enedis approved box (NF C 14-100).

Safety and protection

- 4 RESTOSOL®, cable anti-theft device during installation of lighting poles.
- Temporary protection
 pedestal, providing
 temporary mechanical
 protection for electric cables
 from a lighting pole which
 is damaged or waiting
 for installation.

Installation and management

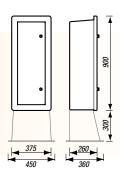
- 6 Lighting pole base plates, semi-rigid adaptation and isolation base plate for adjusting the verticality of the lighting pole when it fixing it to the ground.
- Protective cap with grease for the lighting pole nuts and anchor rods.
- Connection and protection box at the base of lighting poles, with differential protection with rearming and/or automatic resetting.
- UMIprise, lighting pole top connection socket, for connecting a string of fairylights on an existing mast or a new installation.
- Outdoor connection and protection box, designed for low power installations for many applications.

Single-phase command and control BOXES



Meije 800x250 boxes ivory

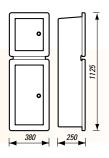
		Depagne
Meije 533 box	1 smooth door (without base version)	600 533 02
(800x250)	1 smooth door	600 533 00
Base	polyester 110 ivory, 300x450x350	954 210 00
Board unequipped 8	300x250 kit, supplied mounted	611 000 00
Fixing	wall-mounted 2 C-profiles for box width between 250/300 mm	954 270 00
	mounted on post by metal strip, 2 C-profiles for box width between 250/300 mm	954 280 00





Oisans 1000x250 box ivory

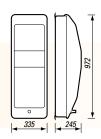
		Depagne
Oisans (5175)	2 smooth doors, 2 compartments one	605 175 00
1000x250 box	above the other	000 170 00
Fixing	wall-mounted 2 C-profiles for box	954 270 00
-	width between 250/300 mm	934 270 00
	mounted on post by metal strip, 2 C-profiles	054 000 00
	for box width between 250/300 mm	954 280 00





S17 type 2 box grey

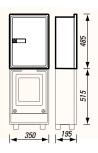
		Depagne
S17 type 2 box	1 door with triangle lock, supplied with 2 lugs	600 534 00
	for mounting on post by metal strip	600 534 00
Board unequipped	800x250 kit, supplied mounted	611 000 00
Fixing	wall-mounted 2 C-profiles for box	954 270 00
	width between 250/300 mm	904 270 00





S20 (S2000) boxes ivory

		Enedis	Depagne
S20 box	with triangle lock		605 074 01
	with rectangle lock	69 80 019	605 074 02
S20 base	single ivory	69 80 035	674 010 00
Board unequipped	400x305x12 kit, supplied mounted		610 003 00
PVC board unequip	oped 400X310X12 kit, supplied mounted		610 000 03
Pole fixing for strip supplied in bulk wi	s (not supplied) and/or wall fixing, 2 brackets, th nut		954 274 00
Pole fixing for strip supplied mounted	s (not supplied) and/or wall fixing kit, 2 brackets,		954 274 01





1894 box ivory

		Depagne
1894 box	1 door with triangle lock	594 130 00
Board unequipped 50	0x250 kit, supplied mounted	610 000 00
Pole fixing for strips (not supplied) and/or wall fixing, 2 brackets, supplied in bulk with nut	954 274 00
Pole fixing for strips (not supplied) and/or wall fixing kit, 2 brackets, supplied mounted	954 274 01



SINGLE-PHASE metering + control units

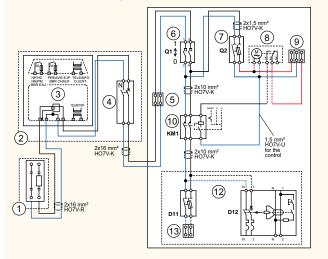
- 1 SINGLE-PHASE control panel with limited power, equipped with:
 - pre-wired position for single-phase meter,
 - pre-wired position for two-pole connection circuit breaker,
 - linking connectors.



1 SINGLE-PHASE electric control panel equipped with:

- 1 two-pole isolating switch (2x63A),
- 1 or 2 two-pole switch(es) (40A or 60A),
- 1 x 2A two-pole circuit breaker for control protection,
- pre-wired position for astronomical clock,
- position for feeder(s) on cutout or circuit breaker.

SINGLE-PHASE diagram



Key to equipment:

- gle-phase 60 A CIBE box, remote box (single-phase 15/60 A connection box optional),
- SINGLE-PHASE control panel 225x250,
- pre-wired position for single-phase meter (optional), pre-wired position for two-pole connection circuit breaker (optional), two-pole connection terminal block (without isolating switch only),
- two-pole isolating switch,
- two-pole circuit breaker for protection of control circuit,
- pre-wired position for astronomical clock block with 3 connection terminals for cell

- 10 Two-pole switch for manual control (1 circuit), 11 two-pole switch for manual control (2 circuits), 12 feeders on two-pole cutout or two-pole differential circuit breaker (300 mA) (optional),
- 13 feeder terminal (optional).

SINGLE-PHASE control

Depagne SINGLE-PHASE control panel kit (225x250) 359 155 09 equipped with connectors, supplied installed





2x13 modules





4x18 modules

SINGLE-PHASE command

	Depagne	26 modules	52 modules	72 modules
Control panel kit equipped and wired* with rotary switch 2x63A +	1 x 2x40A switch	500 610 14	500 710 14	500 810 14
control protection and pre-wired position for clock	1 x 2x60A switch	500 610 16	500 710 16	500 810 16
	2 x 2x40A switches	500 610 24	500 710 24	500 810 24
	2 x 2x60A switches	500 610 26	500 710 26	500 810 26

^{*} Feeders and accessories available as an option, please contact us. PVC plates available as an option depending on the type of enclosure, please contact us.

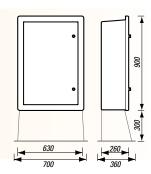
Three-phase command and control BOXES



Meije 800x500 boxes ivory

	Depagne
1 smooth door (without base version)	600 558 03
1 smooth door	600 558 00
1 smooth door on metal base	600 558 15
polyester 120 ivory, 300x700x360	954 212 00
metal, 300x506x420	674 210 00
O kit, supplied mounted	621 000 00
wall-mounted 2 C-profiles for box width between 300/500 mm	954 271 00
mounted on post by metal strip 2 C-profiles for box width between 300/500 mm	954 281 00
	1 smooth door 1 smooth door on metal base polyester 120 ivory, 300x700x360 metal, 300x506x420 0 kit, supplied mounted wall-mounted 2 C-profiles for box width between 300/500 mm mounted on post by metal strip 2 C-profiles

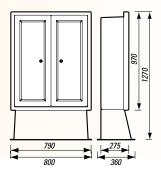
^{* &}quot;Permalite" reinforced board available on request





Oisans S17 type 3 boxes ivory

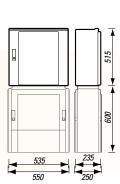
		Depagne
Oisans S17 type 3 (559) box	2 smooth doors, 2 compartments side by side (without base version)	600 559 02
	2 smooth doors, 2 compartments side by side	600 559 00
Base	polyester 130 ivory, 300x800x370	954 213 00
Door equipped with	left with window	941 020 60
1 x 1/4 turn lock	right without window	941 020 61
Board unequipped 80	00x250 kit, supplied mounted	611 000 00
Fixing	wall-mounted 2 C-profiles for box width between 650/800 mm	954 272 00
	mounted on post by metal strip, 2 C-profiles for box width between 650/1000 mm	954 282 00





S15 (S300) box ivory

		Enedis	Depagne
S15 box	with triangle lock		600 145 00
S15 base	cannot be equipped, opening, ivory	69 80 084	304 208 00
	can be equipped, ivory	69 80 086	304 200 00
Board unequipped 44	0x440x12 kit, delivered mounted		616 000 00
Fixing	wall-mounted 2 C-profiles for box width between 300/500 mm		954 271 00
	on a post by metal strip, 2 lugs, delivered lo	ose	954 274 00
Fixing on a post by m	etal strip, 2 lugs kit, delivered mounted		954 274 01



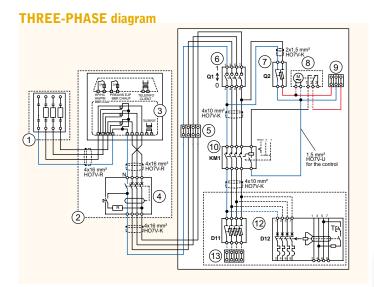


THREE-PHASE control and command assemblies

- 1 THREE-PHASE control panel with limited power equipped with:
 - pre-wired position for three-phase meter,
 - pre-wired position for tetrapolar connection circuit breaker,
 - linking connectors.



- 1 THREE-PHASE electric control panel equipped with:
- 1 tetrapolar isolating switch (4x63A),
- 1 or 2 tetrapolar switch(es) (40A or 60A),
- 1 x 2A two-pole circuit breaker for control protection,
- pre-wired position for astronomical clock,
- position for feeder(s) on cutout or circuit breaker.



Key to equipment:

- Three-phase 60 A CIBE box, remote box (single-phase 15/60 A connection box optional),
- THREE-PHASE control panel 550x250,
- pre-wired position for three-phase meter (optional),
- pre-wired position for tetrapolar connection circuit breaker (optional), tetrapolar connection terminal block (without isolating switch only),
- tetrapolar isolating switch,
- Two-pole circuit breaker for protection of control circuit,
- position for astronomical clock,
- Block with 3 connection terminals for cell,

- 10 tetrapolar switch for manual control (1 circuit), 11 tetrapolar switch for manual control (2 circuits), 12 feeder(s) on tetrapolar cutout or tetrapolar differential circuit breaker (300 mA) (optional),
- 13 feeder terminal (optional).

THREE-PHASE control

Depagne THREE-PHASE control panel kit 550x250 368 220 09 equipped with connectors supplied installed









THREE-PHASE command	Depa	2x13 modules agne 26 modules	4x13 modules 52 modules	4x18 modules 72 modules
Control panel kit equipped and wired* with rotary switch 4x63A +	1 x 4x40A switch	500 620 14	500 720 14	500 820 14
control protection and pre-wired position for clock	1 x 4x60A switch	500 620 16	500 720 16	500 820 16
	2 x 4x40A switches		500 720 24	500 820 24
	2 x 4x60A switches		500 720 26	500 820 26

^{*} Feeders and accessories available as an option, please contact us. PVC plates available as an option depending on the type of enclosure, please contact us.

Junction and protection BOXES at the base of lighting poles

Self-extinguishing composite enclosure.

One-piece IP2X terminal block ensuring cable head insulation is maintained in case of incident on the lighting pole.

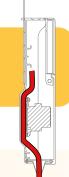
Access to the fuse holder via tilting hatch (access to unauthorised personnel under UTE C 18-510).

Fixing by adjustable hook.

Standards NF EN 60439.1, NF C 17-200, UTE C 63-440.



The **cable routing** for the lamp feeder is routed behind the terminal block.

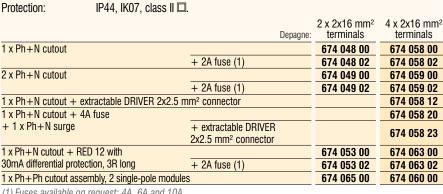


Boxes type 0 ivory

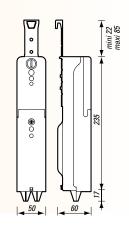
Connection capacity: 2 x 2x16 mm2 terminals,

4 x 2x16 mm² terminals.

Capacity: 2 x 18 mm modules.



(1) Fuses available on request: 4A, 6A and 10A





Boxes type 1 ivory

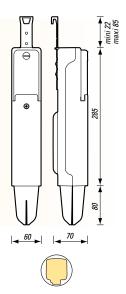
Connection capacity: 4 x 2x16 mm² terminals,

4 x 3x16 mm² terminals.

Capacity: $2 \times 18 \text{ mm}$ modules. Protection: IP44, IK07, class $II \square$.

	Depagne:	4 x 2x16 mm ² terminals	4 x 3x16 mm ² terminals
1 x Ph+N cutout		511 010 00	511 011 00
	+ 2A fuse (1)	511 010 02	511 011 02
2 x Ph+N cutout		511 020 00	511 021 00
	+ 2A fuse (1)	511 020 02	511 021 02
1 x Ph+N cutout + extractable DRIVER 2x2.5 m	m ² connector	511 010 12	511 011 12
1 x Ph+N cutout + 4A fuse		511 010 20	511 011 20
+ 1 x Ph+N surge	+ extractable DRIVER 2x2.5 mm² connector	511 010 21	511 011 21
1 x Ph+N cutout + RED 12 with		511 018 00	511 027 00
30mA differential protection, 3R long	+ 2A fuse (1)	511 018 02	511 027 02
1 x Ph+Ph cutout assembly, 2 modules		511 025 00	511 026 00
(1) Fire a similable as server 10 CA and 100			

⁽¹⁾ Fuses available on request: 4A, 6A and 10A



Minimum inside Ø 84 mm of the lighting pole

Terminal block adjustment area



The **cable routing** for the lamp feeder is routed behind the terminal block. The **terminal block can be adjusted** on the rail for easier installation.

The terminal block can be extracted for an easier connection.



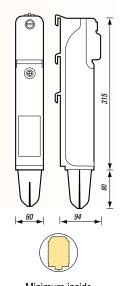
Connection capacity: 4 x 2x35 mm² terminals,

4 x 3x25 mm² terminals.

Capacity: $2 \times 18 \text{ mm modules.}$ Protection: IP44, IK07, class II \square .

, ,	Depagne:	4 x 2x35 mm ² terminals	4 x 3x25 mm ² terminals
1 x Ph+N cutout		511 110 00	511 111 00
	+ 2A fuse (1)	511 110 02	511 111 02
2 x Ph+N cutout		511 120 00	511 121 00
	+ 2A fuse (1)	511 120 02	511 121 02
1 x Ph+N cutout + extractable DRIVER 2x2.5 mr	m ² connector	511 110 12	511 111 12
$1 \times Ph + N \text{ cutout} + 4A \text{ fuse} + 1 \times Ph + N \text{ surge}$		511 110 20	511 111 20
	+ extractable DRIVER 2x2.5 mm ² connector	511 110 21	511 111 21
2 x Ph+N cutout + extractable DRIVER 2x2.5 mr	m² connector	511 120 12	511 121 12
1 x Ph+N cutout + RED 12 with		511 118 00	511 127 00
30mA differential protection, 3R long	+ 2A fuse (1)	511 118 02	511 127 02
1 x Ph+Ph cutout assembly, 2 modules		511 117 00	511 116 00
1 x 16A Ph+N non-differential circuit-breaker (curve	e C)	511 112 00	511 113 00
1 x 16A Ph+N circuit-breaker with 30mA differen	tial protection (curve C)	511 114 00	511 115 00
(4) France available as seemed, 11 CA and 101			

⁽¹⁾ Fuses available on request: 4A, 6A and 10A



Minimum inside Ø 99 mm of the lighting pole



Junction and protection BOXES at the base of lighting poles (continued)



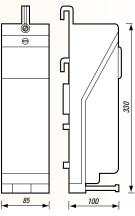
Boxes type 3 ivory

Connection capacity: 4 x 2x50 mm² terminals, 4 x 3x50 mm² terminals.

Capacity: 4 x 18 mm modules. Protection: IP44, IK07, class II □.

Depagne:	4 x 2x50 mm ² terminals	4 x 3x50 mm ² terminals
1 x Ph+N cutout	511 221 00	511 421 00
+ 2A fuse (1)	511 221 02	511 421 02
2 x Ph+N cutout	511 222 00	511 422 00
+ 2A fuse (1)	511 222 02	511 422 02
3 x Ph+N cutout	511 223 00	511 423 00
+ 2A fuse (1)	511 223 02	511 423 02
1 x Ph+N cutout + extractable DRIVER 2x2.5 mm ² connector	511 221 12	511 421 12
1 x Ph+N cutout + 4A fuse	511 221 20	
+ 1 x Ph+N surge + extractable DRIVER 2x2.5 mm² connector	511 221 21	
1 x Ph+N cutout + RED 12 with	511 227 00	511 427 00
30mA differential protection, 3R long $+$ 2A fuse (1)	511 227 02	511 427 02
1 x Ph+N cutout + 1 x 16A Ph+N non-differential circuit-breaker (curve C)	511 228 00	511 428 00
2 x 16A Ph+N non-differential circuit-breakers (curve C)	511 225 00	511 425 00
1 x 16A Ph+N circuit-breaker with 30mA differential protection (curve C)	511 226 00	511 426 00
(1) France available on request, 11 CA and 101		







Minimum inside Ø 121 mm of the lighting pole



Connection boards

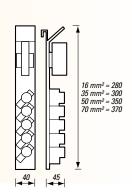
Supporting board made of rigid, self-extinguishing, synthetic insulating material. Single-pole cutoff of Ph+N protection devices.

IP11 board: protection against vertically falling water drops.

IP21 board: equipped with insulating covers clipped onto the terminals with IP2X protection.

Standards NF EN 60439.1, NF C 17-200, NF EN 60529, class I \pm .

	Depagne:	2x16 mm ²	2x35 mm ²	2x50 mm ²	2x70 mm ²
IP11	3 terminals	500 913 00	500 933 00	500 953 00	500 973 00
	4 terminals	500 914 00	500 934 00	500 954 00	500 974 00
	5 terminals	500 915 00	500 935 00	500 955 00	500 975 00
IP21	3 terminals	500 916 00	500 936 00		
	4 terminals	500 917 00	500 937 00		
	5 terminals	500 918 00	500 938 00		



Boîtiers type 4

One-piece connection box IP2X for CU cables (for aluminium cable, tinning as an option) ensuring the maintaining of the cable head insulation, in case of accident on the street lamp.

Connection capacity: 4 terminals 2x16 mm², 4 terminals 3x25 mm²

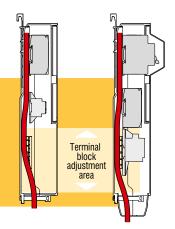
Capacity: 2×3 modules of 18 mm. Protection: IP44, IK08, class II \square .

Flexible Capacity: 3 modules + 2 mm i.e. 56 mm available on 2 rows!

Evolving box Interchangeability of various elements (DIN rail, terminal block, cable glands, cone grommet and access hatch).

Easy Connection On 4 terminals 2x16 or 3x25 mm² terminal. Passing cables under the equipment. Removable and Din rail(s) terminal block. Adjustable terminal box (bottom part). Upstream connection (cover at the top).

Neat aesthetic





Boxes type 4, 1 equipped row ivory

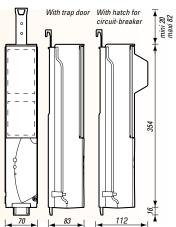
First row: equipment on snap-in DIN rail, plug-in terminal block (4 terminals 2x16 or 3x25 mm²), blooming of cables (cone grommets).

1 equipped row with trap door

First row Depagne:	4 terminals 2x16 mm ²	4 terminals 3x25 mm ²	modules first row
1 cut-out Ph+N	514 200 00	514 400 00	2
2 cut-outs Ph+N	514 220 00	514 420 00	1
1 cut-out Ph+N + 4A fuse + 1 surge arrester	514 240 00	514 440 00	1

1 equipped row

First row	Depagne:	4 terminals 2x16 mm ²	4 terminals 3x25 mm ²	modules first row
1 cut-out Ph+N + 1 differential circuit breaker Ph+N 16A, 30 mA (C curve)		514 260 00	514 460 00	0



Existing

Fxistina



Boxes type 4, 2 equipped rows ivory

First row: equipment on snap-in DIN rail,

second row: equipment on snap-in DIN rail, plug-in (4 terminals 2x16 or 3x25 mm²), blooming of cables (cone grommets).

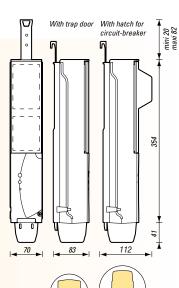
2 equipped rows with trap door

First row	second row Depagne:	4 terminals 2x16 mm ²	4 terminals 3x25 mm ²		modules second row
1 cut-out Ph+N		514 600 00	514 800 00	2	3
1 cut-out Ph+N	1 cut-out Ph+N	514 620 00	514 820 00	2	2
1 cut-out Ph+N	1 cut-out Ph+N				
+ 4A fuse + 1 surge	+ 4A fuse + 1 surge	514 640 00	514 840 00	1	1
arrester Ph + N	arrester Ph+N				

2 equipped rows with hatch for circuit-breaker

First row	second row Depagne:	4 terminals 2x16 mm ²	4 terminals 3x25 mm ²		modules second row
1 differential circuit-	1 cut-out Ph+N				
breaker Ph+N 16A,	+ 4A fuse + 1 surge	514 660 00	514 860 00	1	1
30mA (C curve)	arrester Ph+N				

Existing fuses on demand: 2A, 4A, 6A and 10A





minimum inside of the lighting pole

Outdoor connection and protection for lighting poles

Thermoplastic enclosure, resistant to mechanical, electrical and thermal stress and to weathering. Attached with a metal strip, with screws inside or outside.

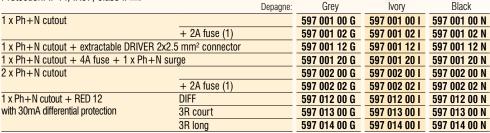
Boxes type 597 grey, ivory, black

Discreet It blends in easily, by its shape and colour. Robust Box opened by unbreakable hinge.

Designed to be surface-mounted on the front, on a lighting panel, on a wooden or concrete post.

Capacity: 2 x 18 mm modules.

Protection: IP44, IK07, class II .

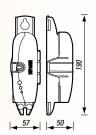


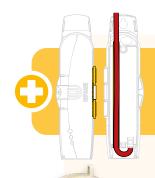
(1) Fuses available on request: 4A, 6A and 10A











Boxes type 593 ivory, grey, black

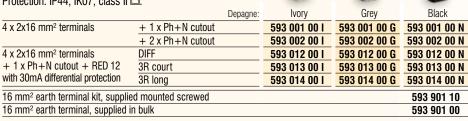
Ergonomics Cable routing under the box. The box is fully pressed against the wall.

Quality design Top cover fastening screw. Design for better integration on façades.

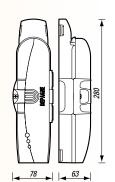
Box designed to be surface-mounted on the front, on a lighting panel, on a wooden or concrete post. Fixed and removable terminal block (with screws), 4 terminals, capacity 2x4x16 mm² or 3x4x16 mm².

Capacity: 2 x 18 mm modules.

Protection: IP44, IK07, class II .







Boxes LUMI 591 New

Electrical power supply and protection unit for light fittings, garland lights and illuminated signs.



Access cover with a hinge at the top and which can be sealed closed at the bottom using clips and a locking screw.

Connection at the bottom held in place by a cable clamp, cables ties.

Standards: EN 60439.2, NF C 17-200 and NF C 15-100.

Protection: IP 44, IK 07, class II □.

Types of application (power supply and protection):

(post or wall).

Without light fitting, without lamppost unit.





Garland
and light
fitting
(post or wall).

Without lamppost
unit.

Boxes LUMI 591 grey, ivory, black

Without socket

Depagne:	Grey	lvory	Black
♠ 1 Ph+N cutout*	591 001 00 G	591 001 00 I	591 001 00 N
♠ 1 Ph+N 2A circuit breaker (C curve)	591 002 02 G	591 002 02 I	591 002 02 N
♠ 1 Ph+Ph cutout assembly, 2 single-pole modules	591 003 00 G	591 003 00 I	591 003 00 N

^{*} Equipment recommended by current standard NF C 17-200

With LUMIprise 2P+E connection socket

Depagne:	Grey	lvory	Black
(A) (B) 1 Ph+N cutout	591 011 00 G	591 011 00 I	591 011 00 N
(C curve) 30 mA differential*	591 012 00 G	591 012 00 I	591 012 00 N
1 Ph+N cutout + 1 Ph+N 16 A circuit breaker (C curve) 30 mA differential	591 014 00 G	591 014 00 I	591 014 00 N

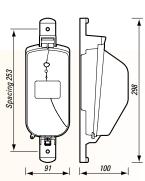
^{*} Equipment recommended by current standard NF C 17-200

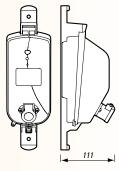
LUMIprise socket, see page 115

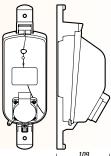
With NF 2P+E 16A socket

Depagne:	Grey	ivory	Black
(A), (B) 1 Ph+N cutout	591 021 00 G	591 021 00 I	591 021 00 N
(C curve) 30 mA differential*	591 022 00 G	591 022 00 I	591 022 00 N
1 Ph+N cutout + 1 Ph+N 16 A circuit breaker (C curve) 30 mA differential	591 024 00 G	591 024 00 I	591 024 00 N

^{*} Equipment recommended by current standard NF C 17-200







Outdoor connection and protection BOX

Thermoplastic material, resistance to mechanical, electrical and thermal stress, resistance to weathering, ivory finish.

Denagne

Standards

Complies with standards: NF C 17-200, NF C 15-100.



Boxes 1800 ivory (for cable glands)

Capacity: 5 modules (with hatch: 4 modules).

Protection: IP44, IK10, class II □.

Fixing: surface-mounted on the front, on a lighting panel, on a post (kit as accessory).

Boxes 1800 without hatch ivory

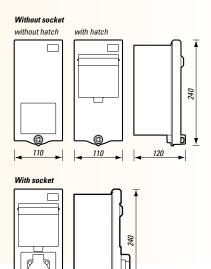
		Dopagno
Without	unequipped with DIN rail, supplied mounted	308 640 00
socket	4 x 2x16 mm ² terminals + 1 x Ph+N cutout	308 642 00
	4 x 2x25 mm ² terminals + 1 x Ph+N cutout	308 644 00

Boxes 1800 with hatch ivory

Roxes	1800 With natch Ivory	Depagne
Without	unequipped with DIN rail, supplied mounted	308 650 00
socket	1 x Ph+N cutout	308 652 00
	1 x 16A Ph+N non-differentiel circuit-breaker (curve B)	308 65 4 00
	1 x 16A Ph+N circuit-breaker with 30mA differential protection (curve B)	308 656 00
With socket	1 x 16A Ph+N circuit-breaker with 30mA differential protection (curve B) + 2P+E 16A NF socket	308 666 00
	1 x Ph+N cutout + 1 x 16A Ph+N circuit-breaker with 30mA differential protection (curve B) + 2P+E 16A NF socket	308 668 00

Accessories

	Depayine
Pole fixing for strips (not supplied) and/or wall fixing, 2 brackets,	954 275 10
supplied in bulk with nut	904 270 10



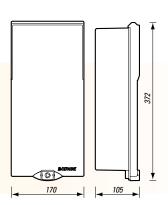


1810 box ivory (for cable glands)

Protection: IP43, IK10, class II □.

Fixing: surface-mounted on the front, on a lighting panel, on a post (kit as accessory).

	Depagne
Unequipped with 2 DIN rails mounted	308 840 00
Equipped 4 terminals 2x16 mm ² + 1 x Ph+N cutout	308 840 10
Pole fixing for strips (not supplied) and/or wall fixing, 2 brackets (T), supplied in bulk with nut	954 274 10





Boxes 1835 ivory (with cone grommet)

Protection: IP43, IK07, class II .

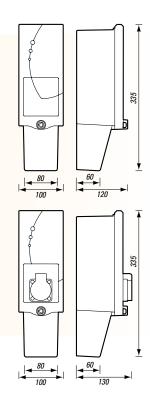
Fixing: surface-mounted on the front, on a lighting panel, on a post (kit as accessory).

1835 boxes without socket ivory

		Depagne
Without	unequipped with integrated DIN rail	380 650 00
socket	4 x 2x25 mm ² terminals + 1 x Ph+N cutout	380 651 00
	4 x 2x25 mm ² terminals + 1 x Ph+N cutout + RED 12 with 30mA differential protection, 3R long	380 652 00
	for strips (not supplied) and/or wall fixing, supplied in bulk with nut	954 276 00

1835 boxes with socket ivory

		Depagne
With	4 x 2x16 mm ² terminals + 1 x Ph+N cutout	
socket	+ 1 x 16A Ph+N circuit-breaker with 30mA	380 655 00
	differential protection (curve C)	300 000 00
	+ NF 16A 2P+E socket	
Pole fixing	for strips (not supplied) and/or wall fixing,	054.076.00
1 bracket	supplied in hulk with nut	954 276 00





Box S22 ivory

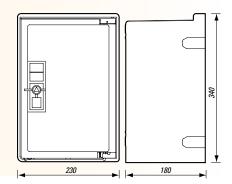
Composite polyester enclosure. High resistance to mechanical stress.

Can be built-in.

Closed with 11 mm triangle screw. Standards NF C 17-200, NF C 15-100.

Protection: IP44, IK07, class II □.

	Depagne
Single S22 box, 4 x 3x25 mm² terminals + 1 x Ph+N cutout	180 360 00
Fixing for post by metal strip kit, 2 lugs, supplied mounted	954 274 00
Fixing for post by metal strip, 2 lugs, supplied in bulk	954 274 01



IFIC equipment for lighting

Lighting pole base plates black



Semi-rigid elastomer. Grooved. Resistance



Semi-rigid insulating adaptor base plate to adjust the verticality of the lighting pole when fixing it to the ground.

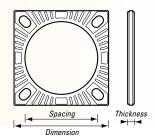
Moulded semi-rigid material made of black synthetic elastomer (EPDM).

High chemical resistance, excellent atmospheric resistance, resistance to temperatures from -25°C to +120 °C.

Standards

European standard EN 40. Recommendations on outdoor lighting (French Lighting Association, AFE).

	Depagne
260x260 mm, spacing 200 x 200 mm, thickness 18 mm	954 032 00
400x400 mm, spacing 300 x 300 mm, thickness 20 mm	954 034 00
500x500 mm, spacing 400 x 400 mm, thickness 22 mm	954 036 00



Protection caps black for nuts and anchor rods



Resistance and protection. Pouch of grease.

EASY AND CLEAN INSTALLATION!



Protective cap with grease for the lighting pole nuts and anchor rods.

Black synthetic thermoplastic material (PP).

High chemical resistance, excellent atmospheric resistance, resistance to temperatures from -25°C to +80 °C.



Recommendations on outdoor lighting (French Lighting Association, AFE).



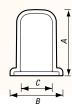
M12, M14:

using the pouch of grease, manually apply around the rods + nuts.

pre-cut and insert the grease berlingot into the cap. During the punching, M18, M20, M24:

the grease will spread around the rods and nuts.

Protective cap dir	nensions				
Threading	M12	M14	M18	M20	M24
A	40 mm	40 mm	50 mm	54 mm	62 mm
В	34 mm	37 mm	43 mm	47 mm	57 mm
C	21 mm	24.5 mm	31 mm	38.4 mm	41.5 mm
Depagne	954 060 00	954 061 00	954 062 00	954 063 00	954 064 00



Temporary protection pedestals

Strength. Visibility. Lighting. Ergonomics. Stability. Rigidity.

Pedestal giving temporary mechanical protection for electric cables from a lighting pole which is damaged or waiting for installation.

Height 1000 mm. Mounted by M14 to M24 mm bolts.

2 possible mounting spacings: 200x200 or 300x300 mm (reusing the existing lighting pole's fasteners).

Temporary protection pedestals CS orange

Electrical continuity ensured by maintaining the existing lighting pole box in place. Avoids bending cables, ensures public safety, protection of equipment (cables and boxes).

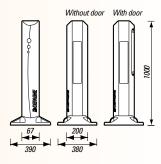
		Dopagno
CS pedestal	without door	954 040 00
CS+ pedestal	with door	954 041 00

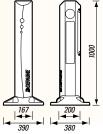
Temporary protection pedestals ECS orange

Based on advanced LED technology, ECS and ECS+ pedestals avoid all dark spots. They offer technical departments additional features: street lighting (eCS) and pedestrian lighting (eCS+), thus protecting the town council from any liability if incidents occur in dark areas.

		Depagne
ECS pedestal	with door and 1 x 230V LAMPLED	954 042 00
ECS+ pedestal	with door and 2 x 230V LAMPLED	954 044 00







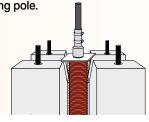


RESTOSOL®, cable anti-theft device during installation of lighting poles

This kit is a device making it impossible to extract the power cable from a lighting pole. 2 RESTOSOL® kits are necessary to install a lighting pole. It is fitted before the lighting pole is installed. Patented system.

Power cable already in place between the 2 lighting poles. Device installed on each end of the power cable connecting 2 lighting poles.

	Depagne
Anti-theft device for lighting pole, individual kit	954 030 00



LUMIprise grey lighting pole top connection sockets

Easy and quick installation.
Self-closing watertight flap.

Bayonet locking providing excellent vibration resistance.

Supplied with 2 gaskets for mounting on all types of lighting poles.

5,000 insertions guaranteed.

The LUMIprise connection assembly is used to connect fairy lights on an existing lighting pole or a new installation.

		Depagne
Female connection base, supplied with 7 m cable HO7RNF 3G2.5 mm ²		596 001 00
Male plug, supplied with 2 m cable	straight	596 002 00
H07RNF 3G2.5 mm ²	elbow	596 003 00



Straight plug

Elbow plug



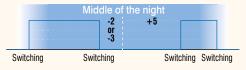


Lighting MANAGEMENT SOLUTIONS



Delayed bus TIM

Timer for lighting to be installed at foot mast without communication.



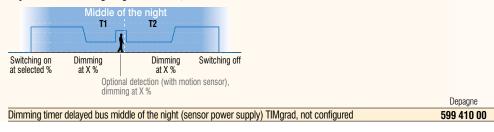
Timer delayed bus ON/OFF middle of the night TIM kit, not configured, supplied mounted	E00 400 40
Timor dorayed bus only or i middle or the hight mily hit, not confligured, supplied mounted	599 400 10
Timer delayed bus ON/OFF middle of the night TIM, not configured	599 400 00





Delayed bus TIMgrad

Adjustable timer for lighting at foot mast, without communication.



Management of electronic ballasts, SL21 controllers



Compact product



SL21 controllers control DALI or 1-10 V electronic ballasts. They are installed in a type 1 or type 2 box. They can be installed alone, directly in the lighting unit (provided the conditioning in the lighting unit is respected). Power output 2A, 300 W maximum.

			Depayrie
SL21 controller kit	control of DALI or 1-10 V ballast, dimming	autonomous, controlled	590 321 10
for electronic	control of DALI ballast and dry contact input,	autonomous, controlled	590 322 10
ballasts with	dimming	autonomous light path (1)	590 821 10
measurement,	control of 1-10 V ballast and dry contact	autonomous, controlled	590 323 10
supplied mounted	input, dimming	autonomous light path (1)	590 822 10



Other possible configurations, please contact our sales department



Differential disconnection device with automatic rearming/resetting RED 12

The RED range (two-pole Differential Lighting Reset device) is an automatic two-pole differential protection system suitable for many types of application (cycle type and cycle time, sensitivity, timer, features). It is recommended for outdoor lighting installations (lighting poles, panels...), in illumination units or for street furniture.

		Depagne
Differential disconnection device with automatic resetting	not configured 30-100mA, supplied mounted	599 120 10
RED 12 kit	not configured 100-300mA, supplied mounted	599 120 11
Differential disconnection device with automatic resetting	not configured 30-100mA	599 120 00
RED 12	not configured 100-300mA	599 120 01



⁽¹⁾ Only without measurement.

Infrared motion sensors on adjustable support

The motion sensor is intended to be installed on the mast. It is fixed vertically on the mast and it swivels in order to obtain the best protection radius according to the space configuration.

Connected to a lighting controller SL 31, SL 31 or TIMgrad through a DALI 2 wires bus, it allows the detection by receiving the information of the motion sensor and thus optimizing the lighting comfort according to the pedestrians or vehicles passage (max. 30 km/h).





Lumiway sensor

Resinated product for outdoor. Help for prepositioning by angular, lateral marking.



Adjustable motion sensor (works with SL21, SLS31 or TIMgrad to be added).

PC-ABS RAL 7010 material.

	Depagne		1 . 7
LUMIway infrared motion sensor on adjustable support	590 484 00		W :
and 5 m cable		◆ 55 ▶	54





Surge, overvoltage protection



The module is intended for protection of street lighting circuits at the mast foot. The reduced height allows its integration in the boxes at the mast base, including also the most compact ones like boxes for masts with $\emptyset < 90$ mm.

		Depagne
Single-phase surge protector	In 5 kA - Imax 10 kA	954 610 01
type 2 or 3, 1 module	In 5 kA - Imax 15 kA	954 602 00









FOR ELECTRICAL RISERS INDIVIDUAL AND COLLECTIVE CONNECTION

Electrical risers	70
Riser boxes range Switch cutout and mains supply boxes HN 62-S-16	71
Range of boxes located at the bottom of buildings with CCPC (Collective Main Cutout) ECP2D Boxes and pedestals. ECP3D Boxes and pedestals.	72 72
Riser distributors range HN 62-S-31 floor distributors HN 62-S-35 floor distributors for CCPI Floor distributors for interchangeable CPF	74 75 77
Limited Power Connection panels ≤ 36 kVA SINGLE-PHASE panels 225x250 UNIVERSAL casing for SINGLE-PHASE control panel SINGLE-PHASE panels with cutout 500x250 UNIVERSAL Single-phase panels 225x250 THREE-PHASE panels 550x250 THREE-PHASE panels with cutout 800x250	79 79 80
THREE THROE paners with catout 000x250	01

• Single-phase and three-phase metering panels in composite material

Electrical RISERS



The rules applicable to electrical risers are defined in standard NF C 14-100: **Low-voltage mains installations.**



An electrical riser has a rated current of 200A or 400A.

It has a 400A rating in one of the following cases:

- if the total current of all levels is higher than 200A,
- if there is at least one single-phase customer feeder in limited power connection (formerly Blue Tariff) higher than 60A,
- if there is a monitored power connection (formerly Yellow Tariff) from 36 kVA to 120 kVA.

However, 400A risers with bottom feed (riser) may end with 200A distributors, if, from a certain level, the total current is less than 200A and if there is no monitored power connection or limited power connection of 90A (renovation only).

The conductor cross-section may decrease from the bottom to the top; changes of section being made in the distributors and a space between 3 levels, taking into account the cable type. Apart from these section changing points, no cable disconnection should be allowed:

- inlet distributor, change of conductor cross-section and type,
- level distributor, change only in conductor cross-section.

COLONELEC calculation software

DEPAGNE provides engineering firms, installers, project owners or managers and craftmen with the COLONELEC electrical riser calculation software.

This simple and user-friendly tool (which runs on Windows), will help you size and model your designs to compile a complete connection file.





Riser BOXES range

Switch cutout and mains supply boxes HN 62-S-16

This equipment is used during operation for the replacement of existing equipment. For a new installation, please refer to SPCM cutout boxes.

Indoor boxes are defined by three functions: - switch cutout with fuses of 200A maximum,

- disconnection by 400A strips,
- mains distributors.

Rated voltage 440 V, to be mounted on the link to the junction network. Protection and disconnection boxes are fitted with the cartridges, with a spacing of 160 mm as standard, 115 mm on request. They are equipped with a single incoming cable and a single feeder.

The mains distributors are equipped with a single incoming cable but several line feeders.

Standards

Compliant with Enedis specifications: HN 62-S-16, HN 60-S-01 and HN 60-S-02 and HN 60-E-03.

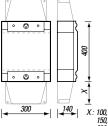


Tillourning capic 55 min , Tiloudor 55 min	00 02 004	130 004 00
1 incoming cable 95 mm ² , 1 feeder 95 mm ²	69 02 604	190 604 00
	Ellenis	Depayne



For fuse cartridges size 2, 200A maximum, with isolating strips 400A maximum. Connection capacity 240 $\,$ mm² on incoming cable and feeder.

	Enedis	Depagne
1 incoming cable 240 mm ² , 1 feeder 240 mm ²	69 02 609	190 609 00

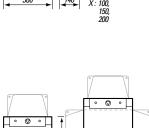


Mains supply distributor boxes grey

For branching of several lines.

Connection capacity 35 to 240 mm² depending on definition.

		Eligniz	Depayne
Diagram	1 incoming cable 35 mm ² , 3 feeders 35 mm ²	69 02 627	190 627 00
Α	1 incoming cable 95 mm ² , 3 feeders 35 mm ²	69 02 626	190 626 00
	2 incoming cables 95 mm ² , 2 feeders 35 mm ²	69 02 625	190 625 00
Diagram	2 incoming cables 150 mm ² , 2 feeders 95 mm ²	69 02 621	190 621 00
В	2 incoming cables 150 mm ² , 1 feeder 95 mm ² , 2 feeders 35 mm ²	69 02 622	190 622 00
	2 incoming cables 150 mm ² , 4 feeders 35 mm ²	69 02 623	190 623 00
	1 incoming cable 240 mm ² , 2 feeders 150 mm ²	69 02 624	190 624 00
	2 incoming cables 240 mm ² , 2 feeders 95 mm ²	69 02 628	190 628 00





Boxes assembly

Assembled at the factory.

			Enedis	Depagne
Diagram C	box 190 625 00 +	box 190 604 00	69 02 641	190 641 00
	box 190 604 00 +	box 190 625 00	69 02 642	190 642 00
Diagram D	box 190 604 00 +	box 190 621 00	69 02 643	190 643 00
		box 190 622 00	69 02 644	190 644 00
		box 190 622 00	69 02 645	190 645 00
		box 190 623 00	69 02 646	190 646 00
		box 190 624 00	69 02 647	190 647 00
	box 190 609 00 +	box 190 624 00	69 02 648	190 648 00

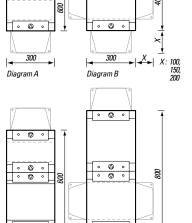


Diagram D

Accessories

		Enedis	Depagne
Grey cone grommet	length 50 mm	69 02 682	912 682 00
	length 100 mm	69 02 683	912 683 00
	length 150 mm	69 02 684	912 684 00
	length 200 mm	69 02 685	912 685 00
NH gG knife fuse cartridge,	125A	69 43 408	912 502 00
size 2, spacing 160 mm	160A	69 43 479	912 503 00
	200A	69 43 413	912 504 00
Neutral knife cartridge NH, size 2,	69 43 449	910 080 00	
Narrow extraction handle for fuse	69 41 284	900 041 00	

Other NH gG knife fuse cartridge, see page 98

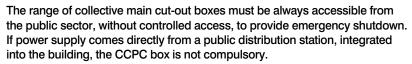


300

Diagram C



Range of BOXES located at the bottom of buildings with CCPC (collective MAIN CUTOUT)



Its function is to disconnect the whole building, and the shared facilities or common areas.

The existing materials are divided in three families:

- ECP2D single electrical riser, multiple riser (400A), technical room,
- ECP3D double riser, multiple riser, technical room,
- REMBT small collective (maximum 6 customers).





As an option: remote reading base plate



The range of boxes and pedestals ECP2D is intended to be used:

- as Collective Main Cut-Out of a building including 1 single electrical riser,
- as Collective Main Cut-Out of a building including several 400A electrical risers,
- for technical room.

The range of boxes and pedestals ECP3D is intended to be used:

- as Collective Main Cut-Out of a building including 2 or several electrical risers,
- for protection of a monitored individual power connection box, for technical room.

Cabinets

Equipment made of glass fibre reinforced polyester (GRP), ivory colour.

Protection Degree: IP34D - IK10.

Equipment of 2 or 3 directions connector, for breaking bar or size 2 fuse cartridges, spacing 115 mm.

Top closing by panel with triangular lock.

Energy backfeed trap.

Connection capacity

Wired copper from 50 to 240 mm². Wired aluminium from 50 to 240 mm².

Fixings

In the ground (box), in trench (pedestal), surface-mounted or embedded.

Standards

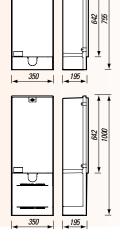
Comply with ENEDIS specifications ECP2D and 3D, HN 60 E 02 and HN 60 S 02.





ECP2D boxes and pedestals

ECP2D boxes ivoryEnedisDepagneECP2D box equipped with 2 directions connectionEnedis sign69 02 054102 054 00



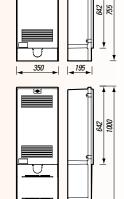


		Enedis	Depagne
ECP2D box equipped with 2 directions connection	Enedis sign	69 02 053	102 053 00



ECP3D boxes and pedestals

ECP3D boxes ivoryEnedisDepagneECP3D box equipped with 3 directions connectionEnedis sign69 02 019673 019 00



350

ECP3D pedestals ivory

•	•	Enedis	Depagne
ECP3D box equipped with 3 directions connection	Enedis sign	69 02 033	673 033 00

Accessories

ACCCSSULICS			
		Enedis	Depagne
Knife fuse cartridge NH gG size 2,	125A	69 43 007	912 000 00
spacing 115 mm	160A		912 001 00
	200A	69 43 009	912 002 00
Neutral knife cartridge NH size 2, spacing 11	5mm	69 43 450	910 090 00
Narrow extraction handle for fuse cartridges :	size 00 to size 3	69 41 284	900 041 00
Ivory remote reading base plate		44 49 002	181 000 00
Ivory remote reading base plate kit, supplied	mounted		181 000 01

Other NH gG knife fuse cartridge, see page 98

DISTRIBUTORS range

Floor distributors HN 62-S-31

These boxes can be used alone or together with meter panels. They receive single-pole cutout bases with connecting brackets.



Connection capacity

2 copper or aluminium main cables, 4 x 25 to 95 mm², copper or aluminium branch cables, 6 to 35 mm².

Pre-punched side exits on the top and bottom.







Standards

Compliant with Enedis specifications HN 62-S-31, HN 60-S-01 and HN 60-S-02.

Floor distributors, white

Depagne Unequipped 900 100 00





Cutout base size 22x58

	Depagne
With lug, phase	900 001 00
With lug, neutral equipped (neutral tube supplied)	900 014 00
Cylindrical fuse cartridges 22x58 see page 96	



Cutout base size 00

	Depagne
With lug, phase	900 011 00
With lug, neutral equipped (neutral tube supplied)	900 031 00

Knife fuse cartridges size 00, see page 97



Neutral triple

	Depagne
With lug, phase	900 006 00



This generation of distributors has the following characteristics:

- the cover is overlapping, closed by sealable triangular screws; this design facilitates mounting on a deformed bracket,
- to cover all possible scenarios during installation, the number of cable exits, fixing points and cable raceway under the distributor have been considerably increased.



Ergonomic for better on-site integration and possible equipment.

Captive fasteners Optimised installation

The CCPI strip holder and the terminal box cover are hinge-mounted.

Increased number of fixing points and cable exits and t

roughs under the distributor.



Main line connection terminal block (riser part)

Conductor connection:

- 200A: 25 to 95 mm² copper and 35 to 95 mm² aluminium,
- 400A: 50 to 240 mm² copper and aluminium.

Junction box (customer part)

Connection of flexible links from single-pole CCPI. Capacity of 6 to 35 mm² copper and aluminium.

Capacity with reducer end-pieces of 35 to 95 mm².

Single-pole Individual Main Cutout (CCPI)

CCPI are fitted with: - knife neutral cartridge NH size 00,

- knife fuse cartridge NH type AD size 00.

They are equipped with a flexible cable (16 mm²/60A and 25 mm²/90A) for connection to the distributor's main terminal block (shunt connections). Customer feeder with capacity 6 to 35 mm² copper or aluminium with customer identity on the marking zone,

35 to 95 mm² with reducing end-pieces.



CCPI for neutral cartridge



oo to oo min. Warroadding one piccoc.		VUA		JUA	
		Enedis	Depagne	Enedis	Depagne
Single-pole CCPI base,	neutral	69 40 538	900 067 00	69 40 543	231 022 00
size 00	neutral long		900 069 00		231 024 00
	phase	69 40 539	900 068 00	69 40 544	231 023 00
CCPI unit,	single-phase, 1 N + 1 Ph	69 40 521	102 521 00	69 40 522	102 522 00
size 00	single-phase, 1 N long + 1 Ph		102 524 00		102 525 00
	three-phase, 1 N + 3 Ph	69 40 523	102 523 00		
Knife fuse	30A			69 43 516	910 530 00
cartridge NH AD,	45A			69 43 514	910 531 00
size 00	60A			69 43 513	910 532 00
	90A			69 43 520	910 533 00
Knife neutral cartridge NH size 00				69 43 512	910 050 00
Narrow extraction handle	e for fuse cartridges size 00 to size	: 3		69 41 284	900 041 00

Connection circuit-breaker

		Depagne
"selective" 500mA differential connection	2x15/45A	941 045 01
circuit-breaker, supplied in bulk	2x30/60A	941 065 01
	4x10/30A	941 075 01
	4x30/60A	941 085 01

Riser DISTRIBUTORS range (continued)

HN 62-S-35 Floor distributors for CCPI

Standards

Complies with Enedis specifications HN 62-S-35, HN 60-S-01 et HN 60-S-02.

200A distributors white

Wiring diagrams up to 72 kVA:

- incoming distributor (disconnection from incoming conductors possible)





phase





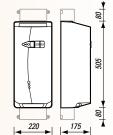




Allowed connections:

- limited power connection: single-phase 60A, three-phase 60A,
- no monitored power connection.

			Enedis	Depagne
Unequipped	level 6 feeders		69 02 424	102 424 00
	incoming 3 feeders		69 02 425	102 425 00
Equipped	level 6 feeders	equipped with 6 CPF units single-phase 60A		102 424 04
with	incoming 3 feeders	equipped with 3 CPF units single-phase 60A		102 425 02
White cone g	rommet, small model			102 427 00



200A distributors, 3 or 6 feeders white

Wiring diagrams up to 72 kVA:

- incoming distributor (disconnection from incoming conductors possible)



3 single-



1 single-

phase, 1 three-

phase



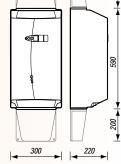




- level distributor

- limited power connection: single-phase 60A and 90A, three-phase 60A,
- no monitored power connection.

		Enedis	Depagne
Unequipped	level 6 feeders	69 02 476	102 476 00
	incoming 3 feeders	69 02 477	102 477 00
Equipped	level 6 feeders	equipped with 6 CCPI units size 00 single-phase 60A	102 476 06
with	incoming 3 feeders	equipped with 3 CCPI units size 00 single-phase 60A	102 477 03
White cone gro	ommet, large model		102 475 00



200



400A distributors blanc

Wiring diagrams up to 174 kVA:

- an adapter kit for monitored power is allowed in the lower part, incoming distributor (disconnection from incoming conductors possible)



phase



- level distributor

Allowed connections:

6 singlephase.

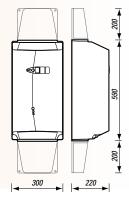
4 singl phas 1 three

phase

le-	2 single-
se,	phase,
e-	2 three-
20	nhase

limited power connection: single-phase 60A and 90A, three-phase 60A,	pnase
monitored power connection possible.	
<u> </u>	Enedis
	00 00 444

			Enedis	Depagne
Unequipped	level		69 02 441	102 471 00
	incoming		69 02 442	102 472 00
Equipped	level	equipped with 6 CCPI units size 00 single-phase 60	Α	102 471 06
with	incoming	equipped with 3 CCPI units size 00 single-phase 60	Α	102 472 03
White cone gr	rommet, large model			102 475 00
Adaptor kit fo	r monitored power for	400A	69 02 443	102 474 00





200A distributors white

Wiring diagrams up to 72 kVA:

- incoming distributor (disconnection from incoming conductors possible)













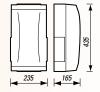


2 threephase

Allowed connections:

- limited power connection: single-phase 60A, three-phase 60A,
- no monitored power connection.

			Elleuis	Depayrie
Unequipped	level 6 feeders		69 02 428	102 478 00
	incoming 3 feeders		69 02 429	102 479 00
Equipped	level 6 feeders	equipped with 6 CPF units single-phase 60A		102 478 06
with	incoming 3 feeders	equipped with 3 CPF units single-phase 60A		102 479 03





400A distributors white

Wiring diagrams up to 174 kVA:

- an adapter kit for monitored power is allowed in the lower part, incoming distributor (disconnection from incoming conductors possible)



phase



Ш



1 three-

phase, three-

phase



2 threephase



- level distributor

- limited power connection: single-phase 60A and 90A, three-phase 60A,

- monitored power connection possible.

			Enedis	Depagne
Unequipped	level 6 feeders		69 02 478	102 480 00
	incoming 3 feeders		69 02 479	102 481 00
Equipped	level 6 feeders	equipped with 6 CPF units single-phase 60A		102 480 06
with	incoming 3 feeders	equipped with 3 CPF units single-phase 60A		102 481 03



Interchangeable Fuse Holder Connector (CPF)

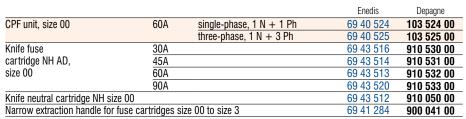
CPF are fitted with: - knife neutral cartridge NH size 00,

- knife fuse cartridge NH type AD size 00.

In accordance with the Enedis technical specification, CPF are interchangeable from one manufacturer to another and are supplied as single-phase or three-phase units.

The connection is made using connectors with dielectric breakdown with capacity: 6 to 35 mm² copper and aluminium.

The customer cable is tightened with shear head screws so that the tightening torque is calibrated perfectly.





cartridge

cartridge

Limited Power Connection PANELS ≤ 36 kVA

Range of limited power control panels (formerly Blue Tariff), three-phase, with or without individual main cutout, electronic meter and/or connection circuit-breaker.

The panels are fitted with a CBE or LINKY three-phase electronic meter and/or a connection circuit-breaker. They are designed for the three-phase connection of limited power customers \leq 36 kVA (60A max). They are installed in private homes, inside the Residential Technical Duct (GTL), in a built-in or surface-mounted box, near the load centre. They define the boundary between the areas of application of standards NF C 14-100 and NF C 15-100.

Made from self-extinguishing synthetic materials.

Standards

Complies with the new Enedis-CPT-M&S-Spe-13006A specification (replaces the specifications HN 62-S-80 and HN 62-S-81). Complies with standards NF C 14-100 and NF C 15-100 as well as the requirements of Class 2 defined in NF C 20-030.



SINGLE-PHASE panels 225x250 white

Innovation The inlet connectors at the panel bottom replace the EBCPs. Quick and easy connection.

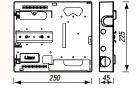
Upgrade Single depth 45 mm.

Compatible with Linky meter



- 1 chamber with backboard (class 2) equipped with 2 connectors for connecting incoming cables,
- 1 removable board equipped with a DIN rail for fixing the meter (removable for Linky meter),
 holes for fixing the circuit-breaker and slotted holes for wiring the devices,
- 2 flexible cables 16 mm² for connecting meter/circuit-breaker.

		Enedis	Depagne
SINGLE-PHASE panel 225x250	Enedis logo	69 81 155	359 155 00
equipped with connectors	without logo		359 155 01



UNIVERSAL casing for SINGLE-PHASE control panel white



ENEDIS approved

Universal kit All types of single-phase control panels (HN 62 S 81 and single-phase A type).

Neat aesthetic

Access to equipment (meter/circuit breaker)



Make your installation more attractive, while maintaining the access to the equipment meter/circuit breaker.

Thanks to its adapter kit, the casing can fit any type of control panel for single-phase meter CBE or LINKY and two-pole branch circuit-breaker (HN 62 S 81 and single-phase A type).

Adaptable on all types of SINGLE-PHASE control panels:

Depagne, Schneider, Michaud, Cahors-Maec, Legrand, Hager, Seifel, ABB.

The complete set casing + adapter kit is made of synthetic self-extinguishing material.

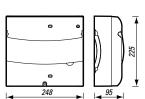
Standards

Universal casing: PRDE-K.8.4-08-V1

Control panel for single-phase metering Enedis-CPT-M&S-Spe-13006A,

Enedis-CPT-M&S-Spe-10015A, HN 62 S 81.

	Enedis	Depagne
UNIVERSAL casing for SINGLE-PHASE control panel	69 81 188	359 218 00





SINGLE-PHASE panels with cutout 500x250 white

Innovation The CCPI function is performed by insulation piercing CPF. Quick and easy connection.

Ergonomics The hinge-mounted CPF holder board makes it easy to route the incoming cable.

Compatible with Linky meter

- 1 single-phase cutout box equipped with 2 CPF units with flexible cables 16 mm² connecting the CPF and the meter,
- 1 chamber with backboard (class 2),
- 1 removable board equipped with a DIN rail for fixing the meter (removable for Linky meter),
 holes for fixing the circuit-breaker and slotted holes for wiring the devices,
- 2 flexible cables 16 mm² for connecting meter/circuit-breaker.

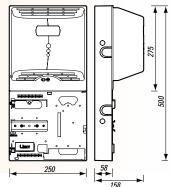
CPF connectors

Designed to receive incoming cables from the top or from the bottom. Insulation piercing IP2X connectors with breakable head. They include 16 mm² copper connections to connect either a CBE meter or a Linky meter.

Connection capacities of incoming cables:

- conductors with stranded copper or aluminium core: 10 to 35 mm²,
- conductors with solid aluminium core: 16 to 35 mm².

		Enedis	Depagne
SINGLE-PHASE panel with cutout	Enedis logo	69 81 210	368 210 00
500x250 equipped with connectors	without logo		368 210 05





UNIVERSAL single-phase panels 225x250 white

Upgrade Single depth: 45 mm.

Versatile CBE or Linky meter and/or circuit-breaker.

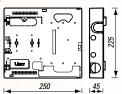


The panel independently receives a CBE or LINKY single-phase electronic meter and/or a connection circuit-breaker. It is designed for the single-phase connection of a limited power customer: 12 kVA (60A max.). It is installed in an electrical riser duct or inside the customer's dwelling in a GTL (domestic power and distribution unit) in a built-in or surface-mounted box near the distribution panel.

Made from self-extinguishing synthetic materials.

- 1 chamber with backboard (class 2),
- 1 removable board with space for meter, circuit-breaker and pre-punched holes for wiring the devices,
- 1 DIN rail for fixing the CBE meter, screws for fixing the Linky meter and circuit-breaker.

		Enedis	Depagne
UNIVERSAL Single-phase panel 225x250 with DIN rail	Enedis logo	69 81 291	381 291 00
	without logo		381 291 01
Set of 2 insulation piercing connectors single-phase Ph+N 16	mm ²		359 282 00
Set of 2 meter/circuit-breaker links single-phase Ph+N 16 mi	n²		909 500 60



Single-phase connectors and links

Designed to receive incoming cables from the top or from the bottom. Insulation piercing IP2X connectors with breakable head. They include 16 mm² copper connections to connect either a CBE meter or a Linky meter.

Connection capacities of incoming cables:

- conductors with stranded copper or aluminium core: 10 to 35 mm²,
- conductors with solid aluminium core: 16 to 35 mm².

	Depagne
Set of 2 insulation piercing connectors single-phase Ph+N 16 mm ²	359 282 00
Set of 2 meter/circuit-breaker links single-phase Ph+N 16 mm ²	909 500 60



Limited Power Connection $\leq 36 \text{ kVA} \text{ (continued)}$

Range of limited power control panels (formerly Blue Tariff), three-phase, with or without individual main cutout, electronic meter and/or connection circuit-breaker.

The panels are fitted with a CBE or LINKY three-phase electronic meter and/or a connection circuit-breaker. They are designed for the three-phase connection of limited power customers ≤ 36 kVA (60A max). They are installed in private homes, inside the Residential Technical Duct (GTL), in a built-in or surface-mounted box, near the load centre. They define the boundary between the areas of application of standards NF C 14-100 and NF C 15-100.

Made from self-extinguishing synthetic materials.

Standards

Complies with the new Enedis-CPT-M&S-Spe-13006A specification (replaces the specifications HN 62-S-80 and HN 62-S-81). Complies with standards NF C 14-100 and NF C 15-100 as well as the requirements of Class 2 defined in NF C 20-030.



THREE-PHASE panels 550x250 white

Innovation

The incoming cable connectors at the panel bottom replace the EBCPs. Quick and easy connection.



Compatible with Linky meter

- 1 chamber with backboard (class 2) equipped with 4 connectors for connecting incoming cables,
- 1 removable board with holes for mounting a CBE or Linky meter, a circuit-breaker and slotted holes for wiring the devices,
- 4 flexible cables 16 mm² for connecting meter/circuit-breaker.

Designed to receive incoming cables from the top or from the bottom.

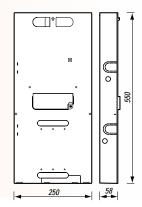
Insulation piercing IP2X connectors with breakable head.

They include 16 mm² copper connections to connect either a CBE meter or a Linky meter.

Connection capacities of incoming cables:

- conductors with stranded copper or aluminium core: 10 to 35 mm²,
- conductors with solid aluminium core: 16 to 35 mm².

		Enedis	Depagne
THREE-PHASE panel 550x250 equipped with connectors	sigle Enedis	69 81 220	368 220 00
	without logo		368 220 05





THREE-PHASE panels with cutout 800x250 white

Innovation The CCPI function is performed by insulation piercing CPF. Quick and easyconnection.

Ergonomics The hinge-mounted CPF holder board makes it easy to routethe incoming cable.

Compatible with Linky meter



Composition:

- 1 three-phase cutout box equipped with 4 CPF units with flexible cables 16 mm² connecting the CPF and the meter,
- 1 chamber with backboard (class 2),
- 1 removable board with holes for mounting a CBE or Linky meter, a circuit-breaker and slotted holes for wiring the devices,
- 4 flexible cables 16 mm² for connecting meter/circuit-breaker.

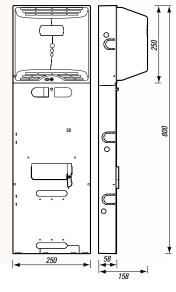
CPF connectors

Designed to receive incoming cables from the top or from the bottom. Insulation piercing IP2X connectors with breakable head. They include 16 mm² copper connections to connect either a CBE meter or a Linky meter.

Connection capacities of incoming cables:

- conductors with stranded copper or aluminium core: 10 to 35 mm²,
- conductors with solid aluminium core: 16 to 35 mm².

		Enedis	Depagne
THREE-PHASE panel with cutout 800x250	sigle Enedis	69 81 222	368 222 00
equipped with connectors	without logo		368 222 05



Three-phase connectors and links

Connectors optimise the subsequent replacement of the CBE meter with a Linky meter (no need to disconnect the incoming cable, or dismantle the circuit-breaker).

Connection capacities of incoming cables:

- conductors with stranded copper or aluminium core: 10 to 35 mm²,
- conductors with solid aluminium core: 16 to 35 mm².

	Depagne
Set of 4 insulation piercing connectors three-phase 3 Ph+N 16 mm ²	359 282 40
Set of 4 meter-circuit-breaker links three-phase 3 Ph+N 16 mm ²	909 500 80

Single-phase and three-phase metering panels in composite material

The panel comprises 2 components in composite materials, hot-moulded polyester: one support plate for the meter/circuit breaker on a support frame for wall mounting.

The panel is designed to house: 1 electro-mechanical meter, 1 pre-payment meter or 1 customer meter interface in addition to the connection circuit breaker.

Contact us for a full, detailed evaluation tailored to specific customer requirements and volumes.







FOR BT NETWORK URBAN CONNECTION

- Urban low voltage switchboard
 Urban low voltage switchboard
 Urban low voltage one-piece feeders
- Disconnection cabinets
 - 4 ways disconnection cabinets 86

URBAN LOW VOLTAGE switchboard

This type of equipment is designed to equip urban switchboards for public distribution.

There are 3 models: - 800A, 4 feeder blocks max, switch/circuit-breaker cutoff,

- 1200A, 8 feeder blocks max, switch cutoff,

- 1800A, 8 feeder blocks max, switch cutoff,

The switchboard is equipped with four-pole bus bars for receiving the feeder blocks.

A metal frame is used for wall-mounting. Current 800A, 1200A, 1800A. Rated voltage 440 V.

Test voltage 50 Hz 1 minute 10 kV to earth. Voltage with 20 kV shockwave.

The breaking power of the switches is equal to their rated current at 440 V Cos 0.9.

The switchboard (one-piece device) is used for live installation of extra one-piece feeders within the limit of the switchboard's capacity.

The three-phase feeder 400A is protected by 3 fuses with spacing 115 mm size 2 for connecting one 400A feeder per four-pole cable.



Equipment compliant with specification HN 63-S-61 designed to equip prefabricated urban switchboards for public distribution. Meets operating requirements and overcomes problems of live work and safety.



Urban low voltage switchboard 4-800

		Enedis	Depagne
Urban low voltage	without ACG (main cutout)	69 82 104	220 010 00
switchboard 4-800	with ACG (main cutout)	69 82 924	220 020 00

Urban low voltage switchboard 8-1200

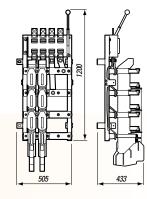
		Ellenis	Depayne
Urban low voltage	without ACG (main cutout)	69 82 106	220 030 00
switchboard 8-1200	with ACG (main cutout)	69 82 926	220 040 00

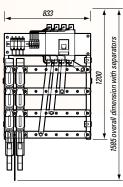
Urban low voltage switchboard TUR 8-1800

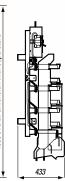
		Enedis	Depagne
Urban low voltage	without ACG (main cutout)	69 82 108	220 050 00
switchboard 8-1800	with ACG (main cutout)	69 82 928	220 060 00

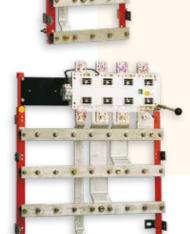
Accessories

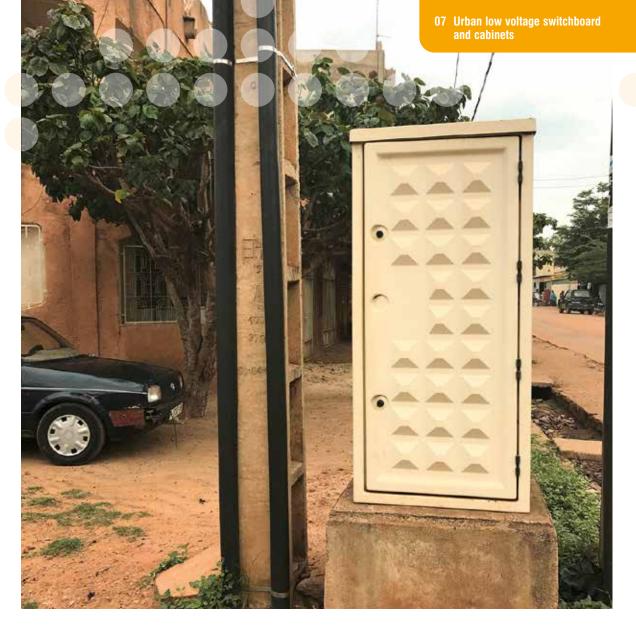
		Enedis	Depagne
Main cutout device (ACG)	2x60A	69 80 904	900 003 00
	4x60A	69 80 905	900 005 00











The one-piece feeder is used to activate the number of feeders required.

It is used for live installation of extra feeders in the switchboards.

Protected by 3 fuses, spacing 115 mm, size 2.

Connection of one 400A feeder per four-pole cable.

Urban low voltage one-piece feeders

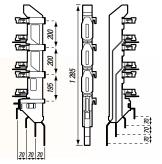
		Enedis	Depagne
One-piece feeder 400A	with side panel mounted, for crimp lugs	69 82 777	220 081 00
	with mechanically tightened connectors 240 mm ²		220 083 00
Set of 3 protective covers	for fuse cartridges	69 82 873	201 265 00
Locking and short-circuiti	ng screen	69 82 830	220 082 00
Reservation panel		69 82 833	220 084 00
Insulated operating key		69 82 814	201 268 00

Accessories

710000001100		Enedis	Depagne
Knife fuse cartridge	125A	69 43 007	912 000 00
NH gG size 2,	160A		912 001 00
spacing 115 mm	200A	69 43 009	912 002 00
	250A	69 43 013	912 003 00
	315A	69 43 014	912 004 00
	400A	69 43 016	912 005 00
Neutral knife cartridge NH, size 2, spacing 115 mm		69 43 450	910 090 00
Narrow extraction handle for fuse cartridges size 00 to size 3		69 41 284	900 041 00

Other knife fuse cartridges NH gG size 2, see page 98





Disconnection CABINETS

This type of cabinet is used to link and isolate elements in LV networks. It also ensures distribution and supply in case of cutoff with or without backup power on the network (either on the building riser, or in housing estate networks).

Self-extinguishing glass fibre cabinet with isophthalic gelcoat, with one door (or two doors for 6 ways).

Anti-posting and anti-graffiti. 4 or 6 ways cabinet with cutoff under load. Neutral in cutoff.

Closed by two quarter-turn triangle locks, padlockable. IP45, IK10.

Rain and streaming proof. Surface-mounted on a wall, or mounted on concrete or polyester base.

Cabinet fully removable after unscrewing the 4 "fastening nuts and lock nuts".

Connection of cables 35 to 240 mm² at cutoff. The base receives the metal one-piece frame.

2 types of cabinets

- Without building supply cutoff. It is equipped with a frame and 4 bus bars.

 Depending on the number of incoming cables and feeders, several types of combinations can be created.
- With isolation cutoff compliant with Enedis HN 63-S-30. It is equipped with a frame and 4 bus bars. The bus bar includes a central cutoff with power on and off-load.

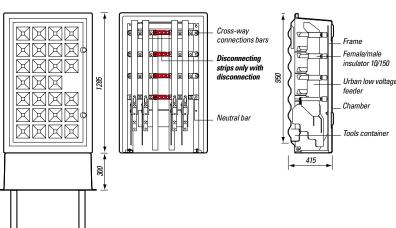
Standards

Cabinet compliant with Enedis HN 63-S-30.

4 ways disconnection cabinets with base ivory

	Enedis	Depagne
Without cutoff, urban low voltage switchboard not supplied	67 64 037	282 822 00
With cutoff, urban low voltage switchboard not supplied	67 64 022	282 824 00

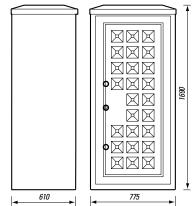
Knife fuse cartridges NH gG size 2, see page 98



4 ways disconnection cabinets ivory

	Enedis	Depagne
Cabinet 683 CS3, urban low voltage switchboard not supplied	67 64 037	600 683 00

Knife fuse cartridges NH gG size 2, see page 98

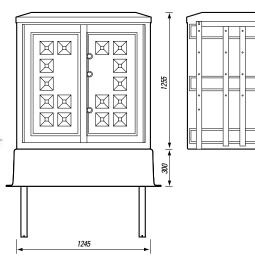


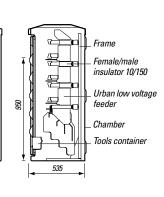


6 ways disconnection cabinets with base ivory

	Depagne
Without cutoff, urban low voltage switchboard not supplied	282 844 00
With 1 cutoff, urban low voltage switchboard not supplied	282 845 00
With 2 cutoff, urban low voltage switchboard not supplied	282 846 00

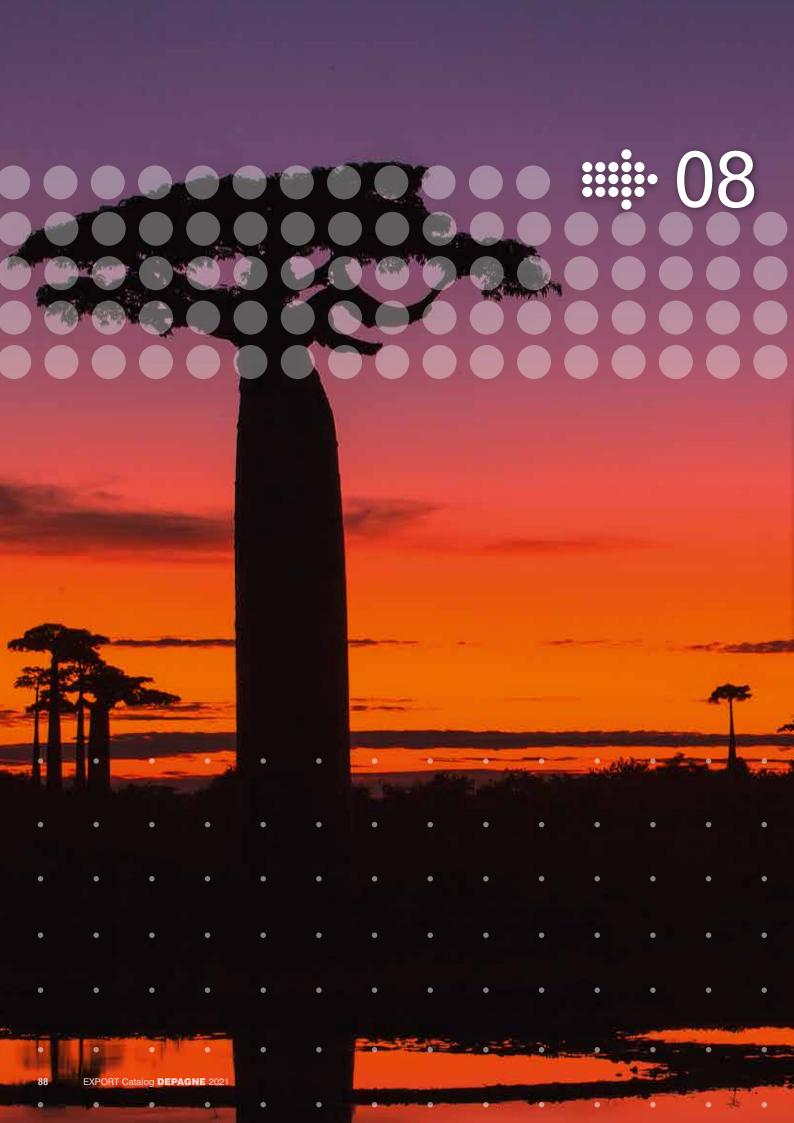
Knife fuse cartridges NH gG size 2, see page 98











Protection and connection :

FOR CONNECTION BOXES FUSE CARTRIDGES ACCESSORIES AND SPARES

•	Protection and connection	.90
•	Cutout	92
•	Connection boxes	94
•	Industrial cylindrical fuse cartridges NF	95
•	Industrial knife fuse cartridges NH (HPC)	97
•	Cylindrical fuse cartridges NF AD	99
•	Knife fuse cartridges NH AD size 00	99
•	Adapters size 2 for knife fuse cartridges size 00	99

PROTECTION and CONNECTION



Our range of protection and connection equips all the products installed in different enclosures (boxes, cabinets, pedestals and panels) that we offer. They disconnect and protect the electrical circuits, contributing to the safety of the connections.





The range includes three main product families:

Cutout

The range includes all types of interchangeable single-pole cutout base: 10x38, 14x51, 22x58, size 00 and triple neutral. It also includes connection boxes (two-pole or four-pole). All this equipment complies with Enedis specifications and with applicable European standards.

Fuse cartridges

The range includes two types of fuse cartridge:

- CYLINDRICAL NF: AD (10x38, 14x51 and 22x58),

Industrial (8x32, 10x38, 14x51 and 22x58).

- KNIFE NH: AD (size 00),

gG (size 00, size 2: spacing 115 or 160 mm), Industrial HPC (size 000, 00, 0, 1, 2 and 3).

Accessories

The range includes 2 families of accessories:

- for fuse cartridges (adapters, fuse-holder sockets, handle),
- for accessibility (locks, fixed keys and hinged keys).



Our DEPAGNE RANGE

A complete solution dedicated to disconnection, protection and connection.



Cutout

Range of cutout receiving different types of fuse cartridges, 10x38, 14x51, 22x58 or size 00.

Cutout



Enedis standardised fuse cartridges

Range of Enedis standardised fuse cartridges including cylindrical cartridges, knife cartridges and adapters size 00 for size 2.

- · Cylindrical fuse cartridges NF AD
- Knife fuse cartridges NH AD size 00
- Adapters size 2 for knife fuse cartridges size 00
- Knife fuse cartridges NH gG size 2



Industrial fuse cartridges

Range of fuse cartridges for common use including cylindrical and knife cartridges.

- Industrial cylindrical fuse cartridges NF
- Industrial knife fuse cartridges NH (HPC)

CUTOUT

Standards Compliant with Enedis specifications: HN 62-S-21, HN 60-S-01, HN 60-S-02, HN 60-E-03.

Interchangeable single-pole cutout base for disconnection and protection of the connection. Installation in electrical me tering and connection boxes..

Made of synthetic self-extinguishing material.

Cylindrical fuse cartridges, knife cartridges and neutral cartridges are not supplied.

Cutout base 10x38

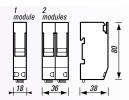
For cylindrical fuse cartridge 1 to 32A. DIN rail mount.

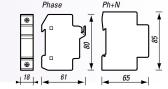
Cutout base 10x38 low size grey

	Depagne
Ph+N, 1 module	905 700 00
Ph+N, 2 modules	900 169 00



	Depagne
Phase	900 022 00
Neutral equipped	900 023 00
Ph+N	900 021 00





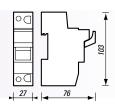


Cutout base 14x51

For cylindrical fuse cartridge 2 to 50A. DIN rail mount.

Cutout base 14x51 grey

Depagne
900 007 00
900 008 00
_



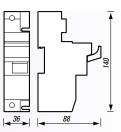


Coupe-circuits base 22x58

Cutout base 22x58 grey

For cylindrical fuse cartridge 4 to 100A. DIN rail mount.

	Depagne
Neutral	900 013 10
Single-pole	900 013 11
Two-pole	900 013 12
Four-pole	900 013 14

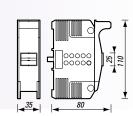


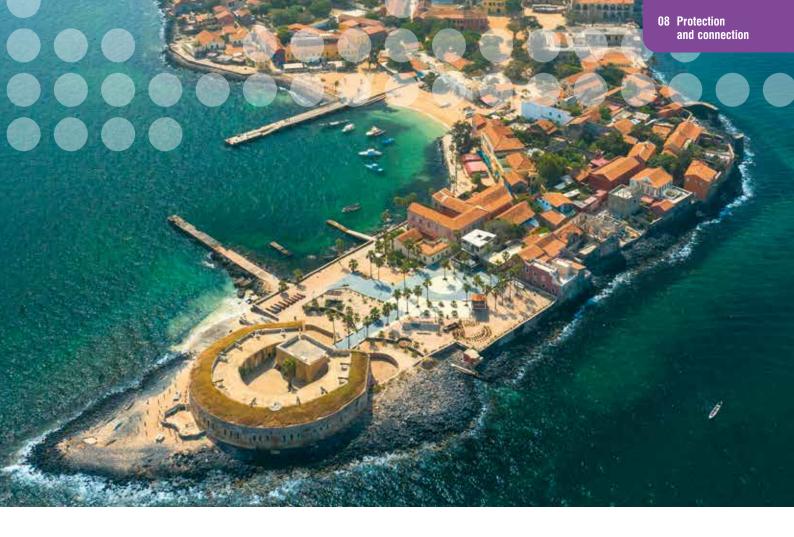


Cutout base 22x58 white

For cylindrical fuse cartridge 4 to 60A.

		Elienis	Depayrie
Phase	with lug	69 40 508	900 001 00
	without lug	69 40 518	900 002 00
Neutral equipped, neutral tube supplied	with lug		900 014 00
	without lug		900 013 00



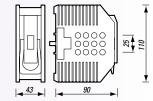




Cutout base size 00

Cutout base size 00 white For knife fuse cartridge 6 to 160A.

		Enedis	Depagne
Phase	with lug		900 011 00
	without lug	69 40 540	900 010 00
Neutral equipped	with lug		900 031 00
	without lug		900 030 00

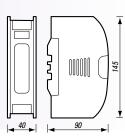




Cutout base size 00 black

For knife fuse cartridge 160A. Screw or DIN rail mount.

Depagne One One
900 020 00

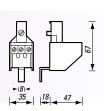




Triple neutrals

Triple neutrals white Connection capacity 3 feeders 35 mm².

Commoduli supusity o rocusto do min .	Enedis	Depagne
With lug	69 40 408	900 006 00
Without lug	69 40 409	900 009 00



Connection BOXES

Standards Compliant with Enedis specifications: HN 62-S-21, HN 60-S-01 and HN 60-S-02, HN 60-E-03 and NF C 62911 standard.

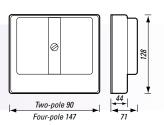
Two-pole or four-pole connection box for disconn ection and protection of metering. Made of synthetic self-extinguishing material.



Connection boxes 10/30A grey

For cylindrical fuse cartridge 10x38 or 14x51, connection capacity 16 mm².

	Enedis	Depagne
Two-pole	69 40 017	900 051 00
Four-pole	69 40 022	900 052 00

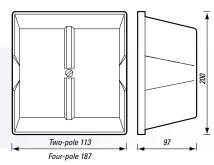




Connection boxes 15/60A grey

For cylindrical fuse cartridge 22x58, connection capacity 35 mm².

	Enedis	Depagne
Two-pole	69 40 035	900 060 00
Four-pole	69 40 037	900 062 00
3 single-phase connections		900 064 00

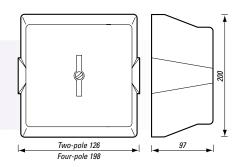




Connection boxes 30/90A grey

For knife fuse cartridge size 00, connection capacity 35 mm².

	Enedis	Depagne
Two-pole	69 40 036	900 063 00
Four-pole	69 40 038	900 066 00

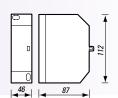




Pilot or boundary cutout connection box grey

For cylindrical fuse cartridge 10x38, connection capacity 10 mm².

Enedis	Depagne
69 40 246	900 088 00

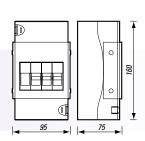




Protection box with fuse indicator white

For cylindrical fuse cartridge 10x38.

69 89 254	900 070 00
Enedis	Depagne



Industrial CYLINDRICAL fuse cartridges NF

Fuse cartridges voltage U: 500 V (please contact us for voltage specific request). **Standards** IEC 60269-1, IEC 60269-2, IEC 60269-2-1, EN 60269-1, EN 60269-2.

Industrial cylindrical fuse cartridges NF 8x32

		gG	gG with visual indicator	аМ	aM with visual indicator
		Depagne	Depagne	Depagne	Depagne
	1A	910 001 00		910 051 00	910 051 15
	2A	910 002 00	910 002 15	910 052 00	910 052 15
DENNE	4A	910 004 00	910 004 15	910 054 00	910 054 15
DEFINI 10 A 400 V- lettori	6A	910 006 00	910 006 15	910 056 00	910 056 15
PA\$501	8A	910 008 00	910 008 15	910 058 00	
U	10A	910 010 00	910 010 15	910 060 00	910 060 15
	12A	910 012 00	910 012 15		910 062 15
	16A	910 016 00	910 016 15		910 064 15
	20A	910 020 00	910 020 15		910 065 15
	25A	910 025 00	910 025 15		910 066 15
	Neutral	910 000 00			



Industrial cylindrical fuse cartridges NF 10x38

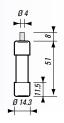
		gG	gG with visual indicator	aM	aM with visual indicator
	Enedis	Depagne	Depagne	Depagne	Depagne
1A		910 101 00		910 151 00	910 151 15
2A	69 42 104	910 102 00	910 102 15	910 152 00	910 152 15
4A		910 104 00	910 104 15	910 154 00	910 154 15
6A		910 106 00	910 106 15	910 156 00	910 156 15
8A		910 108 00	910 108 15	910 158 00	910 158 15
10A	69 42 115	910 110 00	910 110 15	910 160 00	910 160 15
12A		910 112 00	910 112 15	910 172 00	910 172 15
16A		910 116 00	910 116 15	910 176 00	910 176 15
20A		910 120 00	910 120 15	910 180 00	910 180 15
25A		910 125 00	910 125 15	910 185 00	910 185 15
32A		910 132 00	910 132 15		910 192 15
Neutral	69 42 657	910 011 00			



Industrial CYLINDRICAL fuse cartridges NF (continued)

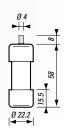
Industrial cylindrical fuse cartridges 14x51

			gG	g G with striker	aM	aM with striker
		Enedis	Depagne	Depagne	Depagne	Depagne
	2A		910 202 00	910 202 10	910 252 00	910 252 10
(F)	4A	69 42 146	910 204 00	910 204 10	910 254 00	910 254 10
	6A		910 206 00	910 206 10	910 256 00	910 256 10
TOERUS	8A		910 208 00	910 208 10	910 258 00	910 258 10
B600000000	10A		910 210 00	910 210 10	910 260 00	910 260 10
WEEK S	12A		910 212 00	910 212 10	910 272 00	910 272 10
	16A		910 216 00	910 216 10	910 276 00	910 276 10
	20A		910 220 00	910 220 10	910 280 00	910 280 10
	25A		910 225 00	910 225 10	910 285 00	910 285 10
	32A		910 232 00	910 232 10	910 286 00	910 286 10
	40A		910 240 00	910 240 10	910 287 00	910 287 10
	50A		910 250 00	910 250 10	910 288 00	910 288 10
	Neutral	69 42 664	910 021 00			



Industrial cylindrical fuse cartridges 22x58

			gG	gG with visual indicator	gG with striker	aM	aM with striker
		Enedis	Depagne	Depagne	Depagne	Depagne	Depagne
	2A		910 302 00				910 352 10
	4A	69 42 204	910 304 00			910 354 00	910 354 10
271 -1	6A		910 306 00	910 306 15		910 356 00	910 356 10
first.	8A		910 308 00	910 308 15		910 358 00	910 358 10
101	10A		910 310 00	910 310 15		910 360 00	910 360 10
DEPAG	12A		910 312 00	910 312 15		910 372 00	910 372 10
12A 0	16A		910 316 00	910 316 15		910 376 00	910 376 10
(PRO NA (III	20A		910 320 00	910 320 15		910 383 00	910 383 10
	25A		910 325 00	910 325 15	910 325 10	910 385 00	910 385 10
100	32A		910 332 00	910 332 15		910 386 00	910 386 10
Will.	40A		910 340 00	910 340 15		910 387 00	910 387 10
	50A		910 350 00	910 350 15	910 350 10	910 388 00	910 388 10
	63A		910 363 00	910 363 15		910 389 00	910 389 10
	80A		910 380 00	910 380 15	910 380 10	910 390 00	910 390 10
	100A		910 381 00	910 381 15		910 391 00	910 391 10
	125A		910 382 00	910 382 15	910 382 10	910 392 00	910 392 10
	Neutral	69 42 669	910 031 00				



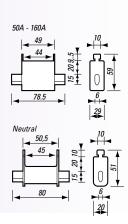
Industrial KNIFE fuse cartridges NH (HPC)

Fuse cartridges voltage U: 500 V (please contact us for voltage specific request). **Standards** IEC 60269-1, IEC 60269-2, IEC 60269-2-1, EN 60269-1, EN 60269-2.

Industrial knife fuse cartridges NH (HPC) size 000 and 00



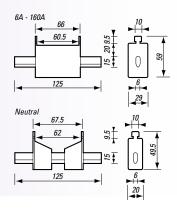
				9		
	g G si	ze 000	g G s	ize 00	aM size 000	aM size 00
	Enedis	Depagne	Enedis	Depagne	Depagne	Depagne
4A	69 43 530	910 404 00				
6A		910 406 00				910 469 00
10A		910 410 00				910 470 00
16A		910 416 00				910 471 00
20A		910 420 00				910 472 00
25A		910 425 00				910 473 00
32A		910 432 00				910 474 00
35A		910 435 00				910 475 00
40A		910 440 00				910 476 00
50A		910 450 00			910 477 00	
63A		910 463 00			910 478 00	
80A		910 480 00			910 479 00	
100A		910 481 00			910 490 00	
125A				910 482 00	910 491 00	
160A				910 483 00	910 492 00	
Neutral			69 43 512			



Industrial knife fuse cartridges NH (HPC) size 0



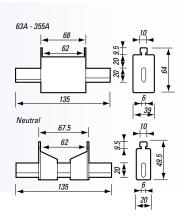
	gu	aivi
	Depagne	Depagne
6A	910 606 00	
10A	910 610 00	
16A	910 616 00	
20A	910 620 00	
25A	910 625 00	
32A	910 632 00	
35A	910 635 00	910 570 00
40A	910 640 00	910 571 00
50A	910 650 00	910 572 00
63A	910 663 00	910 573 00
80A	910 680 00	910 574 00
100A	910 681 00	910 575 00
125A	910 682 00	910 576 00
160A	910 683 00	910 577 00
Neutral	910 600 00	



Industrial knife fuse cartridges NH (HPC) size 1



	gG	g G with striker	aM	aM with striker
	Depagne	Depagne	Depagne	Depagne
63A	910 763 00	910 763 10		
80A	910 780 00	910 780 10	910 670 00	910 670 10
100A	910 781 00	910 781 10	910 671 00	910 671 10
125A	910 782 00	910 782 10	910 672 00	910 672 10
160A	910 783 00	910 783 10	910 673 00	910 673 10
200A	69 43 484 910 784 00	910 784 10	910 674 00	910 674 10
250A	910 785 00	910 785 10	910 675 00	910 675 10
315A	910 786 00	910 786 10		
355A	910 787 00	910 787 10		
Neutral	910 700 00			

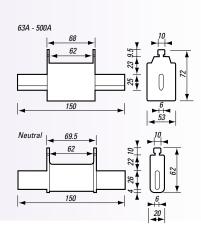


Industrial KNIFE fuse cartridges NH (HPC) (continued)

Industrial knife fuse cartridges NH (HPC) size 2 spacing 115 mm



	!	g G	g G with striker	aM	aM with striker
	Enedis	Depagne	Depagne	Depagne	Depagne
63A		910 878 00			
80A		910 879 00			
100A		910 880 00		910 869 00	
125A		910 881 00	910 881 10	910 870 00	910 870 10
160A		910 882 00	910 882 10	910 871 00	910 871 10
200A		910 883 00	910 883 10	910 872 00	910 872 10
250A		910 884 00	910 884 10	910 873 00	910 873 10
315A		910 885 00	910 885 10	910 874 00	910 874 10
355A		910 886 00	910 886 10	910 875 00	910 875 10
400A		910 887 00	910 887 10	910 876 00	910 876 10
425A		910 888 00			
500A		910 889 00			
Neutral	69 43 450	910 090 00			

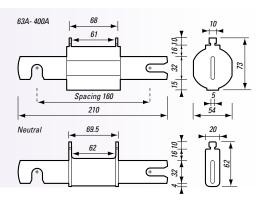


F 2 1259

Industrial knife fuse cartridges NH (HPC) size 2 spacing 160 mm

Mechanical tightening.

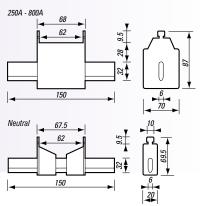
		gu
	Enedis	Depagne
63A		912 080 00
125A	69 43 408	912 502 00
160A	69 43 479	912 503 00
200A	69 43 413	912 504 00
250A	69 43 417	912 505 00
315A	69 43 420	912 506 00
400A	69 43 424	912 507 00
Neutral	69 43 449	910 080 00



Industrial knife fuse cartridges NH (HPC) size 3



	gG	g G with striker	aM	aM with striker
	Depagne	Depagne	Depagne	Depagne
250A	910 899 00			
315A	910 900 00	910 900 10	910 909 00	
355A	910 901 00	910 901 10	910 910 00	
400A	910 902 00	910 902 10	910 911 00	910 911 10
425A	910 903 00	910 903 10	910 914 00	910 914 10
500A	910 904 00	910 904 10	910 912 00	910 912 10
630A	910 905 00	910 905 10	910 913 00	910 913 10
800A	910 906 00			
Neutral	910 950 00			



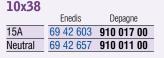
CYLINDRICAL fuse cartridges NF AD

Fuse cartridges voltage U: 500 V (please contact us for voltage specific request).

Standards Enedis specification HN 62-S-83. IEC 60269-1, IEC 60269-3, IEC 60269-3-1, EN 60269-1, EN 60269-2.

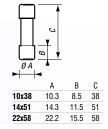
Cylindrical fuse cartridges NF AD





14x51		
	Enedis	Depagne
15A		910 028 00
30A	69 42 617	910 027 00
Neutral	69 42 664	910 021 00

22x58		
	Enedis	Depagne
15A		910 030 00
30A	69 42 626	910 038 00
45A	69 42 634	910 039 00
60A	69 42 638	910 040 00
Neutral	69 42 669	910 031 00



Les cartouches fusibles À COUTEAUX NH AD taille 00

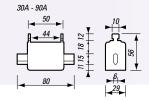
Fuse cartridges voltage U: 500 V (please contact us for voltage specific request).

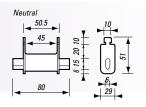
Standards Enedis specification HN 62-S-83. IEC 60269-1, IEC 60269-3, IEC 60269-3-1, EN 60269-1, EN 60269-2.

Knife fuse cartridges NH AD size 00



	Enedis	Depagne
30A	69 43 516	910 530 00
45A	69 43 514	910 531 00
60A	69 43 513	910 532 00
90A	69 43 520	910 533 00
Neutral	69 43 512	910 050 00





ADAPTERS size 2 for knife fuse cartridges size 00

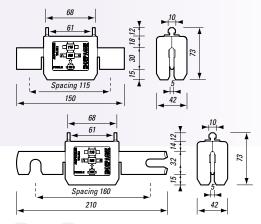
Standards Complies with Enedis specifications HN 62-S-83, HN 63-S-20 and specifications for adapter size 2 for fuse size 00.

Accessories designed to be installed instead of a knife fuse cartridge size 2. Spring clamping.

Adaptateur taille 2 pour cartouches fusibles à couteaux taille 00



Spacing 115 mm		
	Enedis	Depagne
Adapter	69 41 272	101 272 00
		_
Spacing 160 mm		
	Enedis	Depagne
Adapter	69 41 273	101 273 00







CABINETS



Our range of polyester cabinets can be usedfor a wide range of applications such as: electricity, outdoor lighting, road signage, telecommunication, video communication, centralised management.

This type of equipment is designed for outdoor use.



Technical characteristics

- Glass fibre reinforced polyester cabinets, with integrated isophtalic gelcoat. The gelcoat gives the product a finished look and protects it from UV and infrared rays and various types of damage.
- Glass mat (30%). Guarantees excellent mechanical strength: 20 joules.
- Anti-rot polyester resin, minimum thickness 3 mm.
- IP depending on the model. Watertight to rain and run-off water.
- Doors open to an angle of 180°.
 The corners are rounded and the enclosures are free from sharp, jutting edges. The metal elements are either made of rust-proof metal, or protected by electrolytic zinc coating.

Standards

- NF EN 60439-5 of August 1996 with regard to low voltage switchgear equipment. Part 5: specific rules for equipment for outdoor installation in public places, switchgear equipment for distribution networks.
- Article 8.2.10.3 requires a heat withstand test of 100°C, which only polyester can satisfy (PVC for example has a Vicat softening point under 80°C and therefore does not satisfy this requirement of this standard).



EQUIPMENT

Standard equipment

Equipment brackets frame with DIN rails or exterior grade plywood boards or perforated grids, fixed or removable frames.

Fixing Fixing on a wall: surface-mounted or built-in,

on a post: with metal strip or bolts,

on polyester or concrete base (concrete not supplied).

Standard closure locks: triangle 1/4 turn, padlockable, door opening on right side (hinges on the right and locks on the left).

Anti-graffiti the gelcoat prevents the penetration of graffiti inks into the polyester; graffiti can be cleaned and erased easily.

Anti-posting depending on the model, the door or the sides of the cabinet are protected from posting.

Without area for logo



With area for logo







4 sides with ventilation grid

Mechanical data

all our cabinets and boxes have an impact resistance of IK10 (20 J) in compliance with standard NFP 20551. The doors guarantee resistance to intrusion in compliance with standard NFP 20551.

Different models of door are available

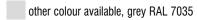
- top-hung,
- hinged,
- reinforced plastics, stainless steel.

Standard colours





Grey RAL 7010



OptionsReinforced enclosure for improved resistance to intrusion, pre-wired equipment, interior lighting, ventilation, stainless steel fasteners, heating (heating resistor), document holder, door stop, hatch for routing cables,

key lock, 3 points bar lock.

Polyester CABINETS and BOXES

Chartreuse range

Modular signage and outdoor lighting cabinets

Glass fibre cabinets, with an integrated isophtalic gelcoat and reinforcements.

These cabinets can be installed side by side on the same base. The sides have an anti-posting surface.



Applications outdoor light, road signage...

Protection IP44, IK10.

Closure 3 points closing, key lock no. N35412.

Fixing on the ground as standard, optionally with polyester base.

Modularity

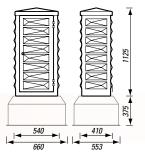
Up to 3 separate compartments for independent access to the installations



4 anti-posting sides

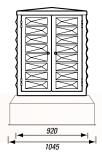
1 module Chartreuse cabinets, 4 anti-posting sides grey RAL 7035

Overall HxWxD(1)	Effective HxWxD(1)		Depagne
1125x540x410	1030x485x310	1 door	605 426 00
375x660x553		polyester base 1 module grey	954 810 00 G



2 modules Chartreuse cabinets, 4 anti-posting sides grey RAL 7035

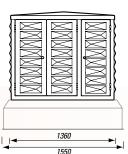
Overall HxWxD(1)	Effective HxWxD(1)		Depagne
1125x920x410	1030x885x310	2 doors	605 427 00
375x1045x553		polyester base 2 modules grey	954 811 00 G



3 modules (2+1) Chartreuse cabinets, 4 anti-posting sides

grey RAL 7035

Overall HxWxD ⁽¹⁾	Effective HxWxD(1)		Depagne
1125x1360x410	1030x1305x310	3 doors (2+1)	605 428 00
375x1550x553		polyester base 3 modules grey	954 812 00 G



Belledonne range

Cabinets with one or more compartments

Glass fibre cabinets, with isophtalic gelcoat. These cabinets have one or more compartments. The sides have an anti-posting surface.



 $\label{lem:policy} \textbf{Applications} \quad \text{outdoor lighting, road signage, telecommunications,} \\$

cabled networks, electricity, gas and water metering...

Protection IP44 (IP45 with an extra seal), IK10.

Closure two triangle 1/4 turn locks, padlockable or with key. **Fixing** on the ground as standard, optionally with polyester base.

Multi-compartment Up to 3 separate compartments for independent access to the installations



Range of 1 compartment Belledonne cabinets, ivory

Runge of I	oomparti	ilent Bene	donne daninets, wory			
H < 1000	Overall HxWxD(1)	Effective HxWxD ⁽¹⁾		Depagne		
Cabinet 3616	800x620x305	750x585x220	1 anti-posting door	603 616 00		
Cabinet 4616	800x620x390	750x585x380	1 anti-posting door	604 616 00		
H: 1000 to 150	Overall HxWxD(1)	Effective HxWxD ⁽¹⁾		Depagne	Base HxWxD ⁽¹⁾	Depagne
Cabinet 3730	1105x810x375	1045x745x280	1 door, 4 anti-posting sides	603 730 00	300x860x445	954 643 00
Cabinet 1965	1105x1110x465	1045x1045x370	2 doors, 4 anti-posting sides with area for logo	601 965 00	300x1100x530	954 965 00
Cabinet 4643	1255x810x390	1195x745x295	1 door, 4 anti-posting sides	604 643 00	300x860x445	954 643 00
Cabinet 3703	1255x1000x535	1195x965x450	1 anti-posting door with area for logo	603 703 00	300x1080x600	954 219 00
Cabinet 685 CS4	1255x1245x435	1195x1195x350	2 anti-posting doors with area for logo	600 685 00		
Cabinet 9211	1385x1175x375	1320x1140x290	2 anti-posting doors	609 211 00		
Cabinet 706 CS22	1405x1230x555	1345x1195x470	1 anti-posting door	600 706 00	300x1310x620	954 022 00
Cabinet 707 CS22	1405x1230x555	1345x1195x470	2 anti-posting doors	600 707 00	300x1310x620	954 022 00
H > 1500	Overall HxWxD ⁽¹⁾	Effective HxWxD ⁽¹⁾		Depagne	Base HxWxD ⁽¹⁾	Depagne
Cabinet 3250	1555x1110x465	1495x1045x370	2 doors, 4 anti-posting sides with area for logo	603 250 00		
Cabinet 5816	1650x926x455	1600x870x375	2 doors, 4 anti-posting sides with area for logo	605 816 00		
Cabinet 690 CS6	1705x1080x615	1645x1045x530	2 anti-posting doors	600 690 00		
Cabinet 691 CS7	1705x1230x555	1645x1195x470	2 anti-posting doors	600 691 00	300x1310x620	954 022 00
Cabinet 701 CS8	1705x1490x555	1645x1455x470	2 anti-posting doors	600 701 00		
Cabinet 703 CS10	1705x2130x555	1645x2095x470	2 anti-posting doors	600 703 00		

Range of multi-compartment Belledonne cabinets, ivory

H < 1000	Overall HxWxD ⁽¹⁾	Effective HxWxD(1)		Depagne	Base HxWxD(1)	Depagne
Cabinet 4580	945x980x280	left: 895x545x200 right: 895x395x200	2 anti-posting doors and area for logo, 2 compartments side by side	604 580 00	300x1060x350	954 580 00
Cabinet 11578	1005x1100x410	left: 945x685x310 right: 945x375x310	2 doors, 4 anti-posting sides, 2 compartments side by side	611 578 00		
H > 1000	Overall HxWxD ⁽¹⁾	Effective HxWxD ⁽¹⁾		Depagne	Base HxWxD(1)	Depagne
Cabinet 4881	1105x1260x365	left: 1045x340x280 right: 1045x850x280	2 doors, 3 anti-posting sides, 2 compartments side by side	604 881 00	200x1300x330	954 881 00
Cabinet 2022	1105x1425x455	left: 1045x935x370 right:: 1045x410x370	2 anti-posting doors and area for logo, 2 compartments side by side	602 022 00	300x1460x520	954 020 00
Cabinet 5858	1105x1425x455	left: 1045x410x370 right: 1045x935x370	2 doors, 4 anti-posting sides with area for logo, 2 compartments side by side	605 858 00	300x1460x520	954 020 00
Cabinet 4845	1405x1380x495	left: 1345x405x400 right: 1345x900x400	2 doors, 4 anti-posting sides with area for logo, 2 compartments side by side	604 845 00	300x1460x520	954 020 00

Polyester CABINETS and BOXES (continued)

Meije range

Standard boxes

Glass fibre boxes, with isophtalic gelcoat.

These boxes are equipped with doors covering the body of the boxes. The door can be anti-posting or smooth.



Applications outdoor lighting, road signage, electricity,

gas and water metering...

Protection IP44, IK10.

Closure two triangle 1/4 turn locks, padlockable or with key. Fixing

Either surface-mounted or built-in as standard.

On polyester base in option.

Range of Meije boxes, H < 1000 ivory

	Overall HxWxD(1)	Effective HxWxD(1)		Depagne	Base HxWxD(1)	Depagne
Box 551 (500x500)	600x630x260	525x525x245	1 smooth door	600 551 00	300x700x360	954 212 00
Box 563 (600x500)	710x635x320	615x515x305	1 smooth door	600 563 00		
Box 581	855x745x290	780x650x280	1 smooth door	600 581 00	300x800x370	954 213 00
Box 533 (800x250) without base version	900x375x260	825x275x245	1 smooth door	600 533 02		
Box 533 (800x250)	900x375x260	825x275x245	1 smooth door	600 533 00	300x450x350	954 210 00
Box 558 (800x500) without base version	900x630x260	825x525x250	1 smooth door	600 558 03	•	
Box 558 (800x500)	900x630x260	825x525x250	1 smooth door	600 558 00	300x700x360	954 212 00
Box 561	900x630x490	805x515x475	1 smooth door	600 561 00		

Range of Meije boxes, H > 1000 ivory

	Overall HxWxD ⁽¹⁾	Effective HxWxD ⁽¹⁾		Depagne	Base HxWxD ⁽¹⁾	Depagne
Box 536	1115x380x260	1020x275x245	1 smooth door	600 536 00	300x450x350	954 210 00
Box 637	1115x905x470	1010x805x455	1 smooth door	600 637 00	300x940x600	954 215 00
Box 635	1120x920x270	1015x805x255	1 smooth door	600 635 00	300x940x360	954 218 00
Box 562 (1000x500)	1125x630x270	1005x525x255	1 smooth door	600 562 00	300x700x360	954 212 00

Oisans range

Multi-compartment boxes

Glass fibre boxes, with isophtalic gelcoat. Two-compartment boxes with vertical or horizontal separation. The doors and the other sides are smooth only.



Applications outdoor lighting, road signage, telecommunications,

cabled networks, electricity, gas and water metering...

Protection IP44, IK10.

Closure two triangle 1/4 turn locks, padlockable or with key. **Fixing**

Either surface-mounted or built-in as standard.

On polyester base in option.

Range of Oisans boxes ivory

	Overall HxWxD(1)	Effective HxWxD ⁽¹⁾		Depagne	Base HxWxD(1)	Depagne
Box 590	900x1020x260	left: 800x575x245	2 smooth doors,	600 590 03		
without base version		right: 800x350x245	2 compartments side by side	000 050 00		
Box 590	900x1020x260	left: 800x575x245	2 smooth doors,	600 590 00	300x940x360	954 218 00
		right: 800x350x245	2 compartments side by side	000 090 00	30039403300	934 210 00
Box 559 (S17 type 3)	990x790x275	left: 880x325x220	2 smooth doors,	600 559 02		
without base version		right: 880x325x220	2 compartments side by side	000 009 02		
Box 559 (S17 type 3)	990x790x275	left: 880x325x220	2 smooth doors,	600 EE0 00	300x800x370	954 213 00
, ,,		right: 880x325x220	2 compartments side by side	600 559 00	300000000000000000000000000000000000000	904 213 00
Box 5175 (1000x250)	1125x380x250	haut: 355x275x245	2 smooth doors,	COE 47E 00		
, ,		bas: 635x275x245	2 compartments one above the other	605 175 00		

Aluminium CABINETS

Taillefer range

Aluminium cabinets. These cabinets have one or two compartments. The doors have an anti-posting surface.



Applications street lighting, road signage, stallholders and markets...

Protection IP44, IK10.

Closure two 1/4 turn locks with 3 points closing, invisible hinges, door stop.

Fixing on concrete foundation or on a base.

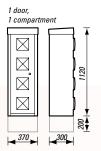
Accessibility/Modularity Technical properties

High resistance, anti-corrosion, easy handling



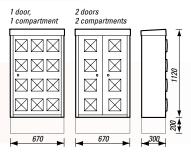
Taillefer 370 cabinet ivory

Overall HxWxD(1)	Effective HxWxD(1)		Depagne
1100x370x300	937x250x221	1 anti-posting door (small door 300 mm)	652 115 00
200x370x300		ivory aluminium base	652 815 00



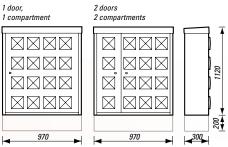
Taillefer 670 cabinet ivory

Overall HxWxD(1)	Effective HxWxD(1)		Depagne
1100x670x300	937x550x221	1 anti-posting door (large door 600 mm)	652 116 00
1100x670x300	left: 937x245x221	2 anti-posting doors	652 216 00
	right: 937x245x221	(small door 300 mm)	032 210 00
200x670x300		ivory aluminium base	652 816 00



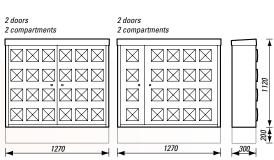
Taillefer 970 cabinet ivory

Overall HxWxD(1)	Effective HxWxD(1)		Depagne
1100x970x300	937x850x221	1 anti-posting door (large door 900 mm)	652 117 00
1100x970x300	left: 937x245x221	2 anti-posting doors	652 217 00
	right: 937x545x221	(small door 300 mm + large door 600 mm)	002 217 00
200x970x300		ivory aluminium base	652 817 00



Taillefer 1270 cabinet ivory

Overall HxWxD(1)	Effective HxWxD(1)		Depagne
1100x1270x300	left: 937x545x221 right: 937x545x221	2 anti-posting doors (large door 600 mm)	652 218 00
1100x1270x300	left: 937x245x221 right: 937x845x221	2 anti-posting doors (small door 300 mm + large door 900 mm)	652 219 00
200x1270x300		ivory aluminium base	652 818 00











FOR RETRACTABLE POWER SUPPLY

- Retractable distribution pedestals
- Power and water distribution retractable pedestals
 Retractable Sourcinox pedestals small models
 Retractable Sourcinox pedestals large models

RETRACTABLE distribution PEDESTALS



Our ranges of retractable Sourcinox pedestals are designed for supplying power to markets, stallholders, shows, temporary illuminations... Our pedestals allows simultaneous supply of electricity, water and internet network.



Complying with NF C 17-200 standard Disconnecting mean ACCESSIBLE (emergency stop)

Disconnecting mean ACCESSIBLE (emergency stop) in the whole range of retractable pedestals.

Usability

Easy processing, one-piece unit. Easy handling and maintenance, complete opening of the door and secured opening position.



Safety

Patented and inviolable locking system with specific key.

Duty classes

Standard NF EN 124 "Cover and closure items for traffic zones used by pedestrians and vehicles" describes the places of use, resistance class and the testing and marking procedures. This standard specifies the minimum duty class to be used for each installation area.

• Class A 15

test load of 15 kN: areas and parks and gardens exclusively reserved for pedestrians and cyclists

• Class B 125

test load of 125 kN: pavements, similar surfaces, car parks and garages accessible to passenger vehicles

• Class C 250

test load 250 kN: pedestrian areas, street culverts, road sides and car parks accessible to heavy goods vehicles.

• Class D 400

test load 400 kN: pedestrian streets, hard shoulders, streets and highways. Unsuitable for installation across motorways and express ways.













A 15

B 125

C 250

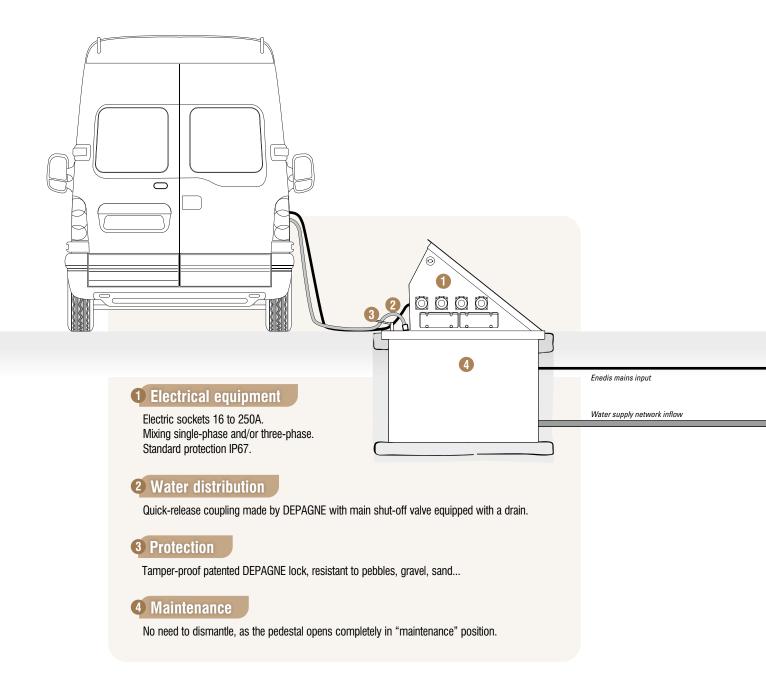
D 400

EQUIPMENT

Retractable Sourcinox range

To meet the expectation on the ground, we have designed a complete range of retractable Sourcinox composed of several models with the following features:

- **To meet the expectations** different **dimensions** suitable for equipment and connections,
 - resistance suitable for various places where they are used,
 - multiple coatings: can be paved, tarred or not-paved (non-slip tread plate),
 - modular equipment: electrical, water or mixed (electrical + water)



Power and water distribution RETRACTABLE PEDESTALS

Retractable Sourcinox pedestals small model

Water distribution retractable Sourcinox pedestals for temporary markets, stallholders, shows, temporary illuminations. Stainless steel frame.

Not-paved or paved version: lid made of non-slip dropped plate, grey RAL 9006,

compartment receiving paving stones or asphalt.

Open operation mode: closing by inviolable lock with specific key,

mechanical locking, opening with gas springs

Inner connection for power and water: on proof box IP67, right sockets IP67,

on quick couplings

Standard equipment

Industrial electrical sockets: right socket 2P+E 16A IP 67,

right socket 2P+E 32A IP 67, right socket 3P+N+E 32A IP67,

right socket 3P+N+E 63A IP67 PSK (with contactor).

Others: water quick coupling (2 connectors maximum),

RJ45 socket (1 socket maximum as an option), Emergency stop button (related to disconnect device), Incoming cable 5xG10 (2.5 m at the pedestal outlet).

Standards

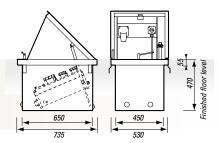
Complies with standards NF C 17-200 and NF EN 124.





Retractable Sourcinox 06

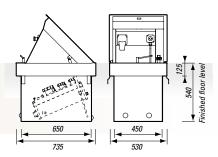
Not-paved C250 (1), about 70 kg. Electrical equipment from 16A to 63A with water outlet. Safety, emergency shutdown. Option: RJ45 socket.





Retractable Sourcinox 07

Paved C250 (1), about 80 kg. Electrical equipment from 16A to 63A with water outlet. Safety, emergency shutdown. Option: RJ45 socket.



Sourcinox enterrables small model

Thee- industrial ri	-pole* ght sockets		pole* ght sockets	Water outlet		
400		10	10	29	No.	The same of the sa
3P+N+E 63A IP67 PSK (with contactor)	3P+N+E 32A IP67	2P+E 32A IP67	2P+E 16A IP67	Quick coupling	Retractable Sourcinox 06 Not-payed	Retractable Sourcinox 07 Paved
1	_	_	_	_	722 006 10	722 007 10
1	-	-	-	2	722 006 12	722 007 12
-	1	-	4	-	722 006 50	722 007 50
-	1	-	4	2	722 006 52	722 007 52
-	-	1	4	-	722 006 60	722 007 60
-	-	1	4	2	722 006 62	722 007 62
-	-	-	6	-	722 006 30	722 007 30
-	-	-	6	2	722 006 32	722 007 32
-	-	-	4	-	722 006 40	722 007 40
-	-	-	4	2	722 006 42	722 007 42
-	-	-	2	-	722 006 20	722 007 20
-	-	-	2	2	722 006 22	722 007 22

^{*} Differential protection 30mA



Option RJ 45 socket

All our equipped references above are available with 1 RJ45 socket, category 6 in Plexo box IP55. The letters RJ must be added after 8 figures code number.

For instance, for opposite model:722 006 10 RJ

Power and water distribution RETRACTABLE PEDESTALS (continued)





Retractable Sourcinox pedestals large model

Water and power distribution retractable Sourcinox pedestals for temporary markets, stallholders, shows, temporary illuminations.

Stainless steel frame.

Not-paved or paved version:

lid made of non-slip dropped plate, grey RAL 9006, compartment receiving paving stones or asphalt.

Open operation mode:

closing by inviolable lock with specific key, mechanical locking, opening with gas springs.

Connection for power and water: lateral on RIGHT sockets IP67, on frontage, on quick couplings

Standard equipment:

Industrial electrical sockets:
right socket 2P+E 16A IP 67,
right socket 2P+E 32A IP 67,
right socket 3P+N+E 32A IP 67,
right socket 3P+N+E 63A IP67 PSK (with contactor),
other sockets available on demand.

MARECHAL® electrical socket: right socket 3P+N+E 125A IP66/67.

Others:

water quick coupling (4 connectors maximum), RJ45 socket (2 socketS maximum), emergency stop button (related to disconnect device), connection on 95mm² incoming terminal block.

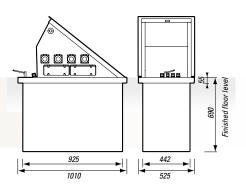
Standards

Complies with standards NF C 17-200 and NF EN 124.



Retractable Sourcinox 10

Not-paved C 250 (1), about 115 kg. Electrical equipment from 16A to 125A with water outlet. Safety, emergency shutdown. Option: RJ45 socket.



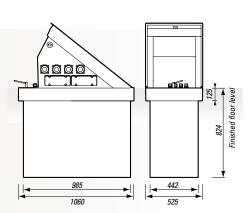


Retractable Sourcinox 11

Not-paved D 400 (2), about 150 kg. Electrical equipment from 16A to 125A with water outlet. Safety, emergency shutdown. Option: RJ45 socket.

Retractable Sourcinox 12

Paved C 250 (1), about 135 kg. Electrical equipment from 16A to 125A with water outlet. Safety, emergency shutdown. Option: RJ45 socket.



Retractable Sourcinox pedestals

large models

					60.00			
Maréchal®* industrial right sockets	Thee -industrial ri	pole* ght sockets		pole* ight sockets	Water outlet			
6	40	10	10	10	23			
3P+N+E	3P+N+E 63A	3P+N+E 32A	2P+E 32A	2P+E 16A	Quick	Retractable	Retractable	Retractable
125A IP66/67	IP67 PSK	IP67	IP67	IP67	coupling	Sourcinox 10	Sourcinox 11	Sourcinox 12
120/11/00/01	(with contactor)	01	07	07	ooupiiiig	Not-paved	Not-paved	Paved
1	-	-	-	-	-	721 010 10	721 011 10	721 012 10
1	-	-	-	-	4	721 010 14	721 011 14	721 012 14
-	1	2	-	7	-	721 010 30	721 011 30	721 012 30
	1	2	-	7	4	721 010 34	721 011 34	721 012 34
-	-	2	-	9	-	721 010 50	721 011 50	721 012 50
-	-	2	-	9	4	721 010 54	721 011 54	721 012 54
-	-	1	-	6	-	721 010 70	721 011 70	721 012 70
-	-	1	-	6	4	721 010 74	721 011 74	721 012 74
-	-	-	4	6	-	721 010 80	721 011 80	721 012 80
-	-	-	4	6	4	721 010 84	721 011 84	721 012 84
-	-	-	-	11	-	721 010 90	721 011 90	721 012 90
-	-	-		11	4	721 010 94	721 011 94	721 012 94

^{*} Differential protection 30mA

Option RJ 45 socket

All our equipped references above are available with 2 RJ45 sockets, category 6 mounted on DIN rail.

The letters RJ must be added after 8 figures code number.

For instance, for opposite model: 721 010 10 RJ



⁽¹⁾ Resistance 250 kN, in accordance with standard NF EN 124

Dimensions in mm.

⁽²⁾ Resistance 400 kN, in accordance



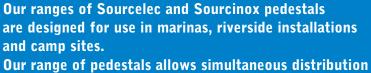
Distribution pedestals for marinas

FOR MARINAS RIVER PORTS

	Distribution pedestals for marmas	120	
•	Ecosystem electronic management for distribution pedestals	121	
•	Polyester distribution pedestals		
	Sourcelec Rivage range	122	
	Sourcelec Escale range	124	
	Sourcelec 278 pedestal	126	
•	Stainless steel distribution pedestals		
	Sourcinox range	127	
	Sourcinox Riviera range	128	
•	Sourcelec and Sourcinox equipment	130	

Distribution PEDESTALS for marinas





Our range of pedestals allows simultaneous distribution of electricity, water, telephone and television.

Sourcelec range

- Glass fibre reinforced polyester with isophthalic gelcoat, self-extinguishing at 850°C.
- Excellent resistance to UV, infra-red, external attack and humidity.
- Protection ratings: IP44, IK10.
- Closed by anti-tamper, rust-proof lock.
- Standard colour: white for the body and blue for the cap. Other colours available on request.

Sourcinox range

- Equipment made of 316 L stainless steel, thickness 3 mm.
- Protection ratings: IP44, IK10.
- Closed by anti-tamper, rust-proof lock.
- Standard colour: gloss varnish, other colours available on request.

Standards

- Decree of 14 November 1988, No. 88-1056: worker protection.
- Publication UTE C 18-510, 1997 edition: general safety instructions for electrical installations.
- Marinas and river installations:
 - Complies with standard NF 15-100 section 709, 2002 edition: low voltage electrical installations for marinas.
- Sockets installed at least 300 mm from the ground, 4 sockets maximum.





Ecosystem electronic MANAGEMENT for distribution pedestals

In order to protect the environment and our natural resources, a more responsible approach concerning water and electrical power consumption is necessary.

For this reason, we can offer you 2 types of electronic management: with RFID tag/key or with real time metering, which can equip virtually all existing Sourcelec and Sourcinox pedestals.

Electronic MANAGEMENT with RFID tag or key

Remote control
Time management
Effective consumed control
Traceability and safety



Self-contained system which provides various types of management adapted to specific operating requirements of each port.

With the same electronic key (or RFID tag) you can control both water and electricity consumption.

Electronic MANAGEMENT with real-time metering

Unlimited number of pedestals
Data rescue
Long-range communication
Communications safety

The system is connected from the central office to the first pedestal. Each pedestal is connected to the next one.

This system provides a long-range communication and the safety of the installation with various means of configuration.



Example of personalised installation Sourcelec 278, Port Leucate, France



Polyester distribution PEDESTALS



Sourcelec Rivage range

Safety

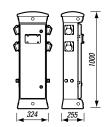
Enclosure made of GRP (fiberglass reinforced polyester) with integrated and self-extinguishing isophthalic gel coat. Inviolability of the pedestal thanks to quarter-turn key locks.



Can be equipped for electricity/water

Depagne 415 208 00

Equipment: beaconing, lighting, electricity and water equipment, see page 130



Comfort

Door fitted with stainless steel hinges. Double compartment electricity/water. Inner fixings.



Sourcelec Rivage 199 white

Depagne

Can be equipped for electricity/water

419 208 00

Equipment: beaconing, lighting, electricity and water equipment, see page 130







Expenses

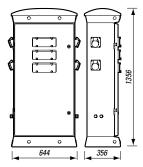
Energy saving through low voltage lighting.

Management with controls:
dot, button or RFID badge reader.

Sourcelec Rivage 788 white

Depagne Can be equipped for 478 208 00 electricity/water

Equipment: beaconing, lighting, electricity and water equipment, see page 130





A pedestal complying with all types of management solutions existing on the market.

> A design perfectly integrated in the Rivage pedestals range.



Sourcelec RIVAGE New 299 Connect white

Depagne

Can be equipped for 429 008 00 electricity/water
Extension white polyester
200x580x310 with fixings 429 100 00 Equipment: beaconing, lighting, electricity and water equipment, see page 130 \Box

Polyester distribution PEDESTALS (continued)



Safety Enclosure made of GRP (fiberglass reinforced polyester) with integrated and self-extinguishing isophthalic gel coat. Inviolability of the pedestal thanks to quarter-turn key locks. Comfort Door fitted with stainless steel hinges. Double compartment electricity/water. Inner fixings. reader.

Sourcelec Escale range

Sourcelec Escale 156 white

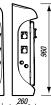
Depagne

Can be equipped for electricity/water

415 608 00

Equipment: beaconing, lighting, electricity and water equipment, see page 130





Sourcelec Escale 266 white

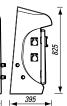
Depagne

Can be equipped for electricity/water

426 608 00

Equipment: beaconing, lighting, electricity and water equipment, see page 130





Expenses

Energy saving through low voltage lighting. Management with controls: dot, button or RFID badge

Sourcelec Escale 196 white

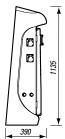
Depagne

Can be equipped for electricity/water

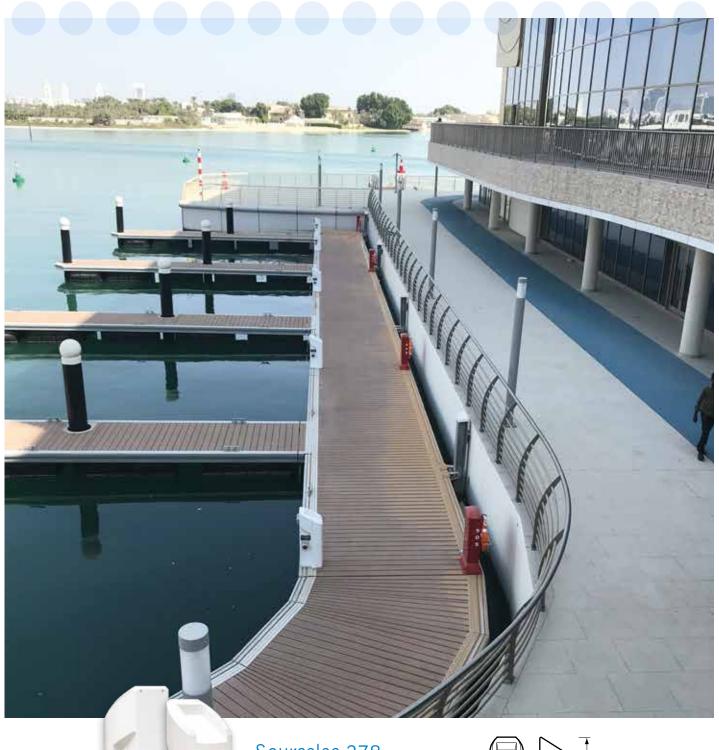
419 608 00

Equipment: beaconing, lighting, electricity and water equipment, see page 130





Polyester distribution PEDESTALS (continued)

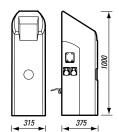


Sourcelec 278 pedestal

Sourcelec 278 white

Can be equipped for electricity/water 427 008 00

Equipment: beaconing, lighting, electricity and water equipment, see page 130



Stainless steel distribution PEDESTALS



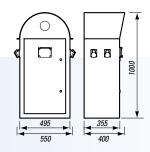
Sourcinox range

Sourcinox 18 stainless steel

Depagne

Can be equipped for electricity/water 403 008 00

Equipment: beaconing, lighting, electricity and water equipment, see page 130



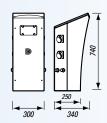


Sourcinox 28 stainless steel

Depagne

Can be equipped for electricity/water 404 008 00

Equipment: beaconing, lighting, electricity and water equipment, see page 130





Sourcinox 38 stainless steel

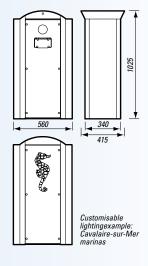
Robust tamper-proof Stylish, customisable



Depagne

Can be equipped for electricity/water 405 008 00

Equipment: beaconing, lighting, electricity and water equipment, see page 130





Sourcinox 48 stainless steel

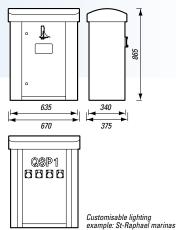
Bicolore, 2 teintes Corten et inox brossé



Depagne

Can be equipped for electricity/water 406 008 00

Equipment: beaconing, lighting, electricity and water equipment, see page 130



Stainless steel distribution PEDESTALS (continued)

Sourcinox Riviera range

Our new range of pedestals for ports, Riviera Sourcinox offers a new design and a new innovation: the polished-mirror finish. Its conception provides a wide choice regarding dimensions and equipment, adapted to your requirements.

Polished-mirror finish Robust and tamper-proof Dimensional modularity

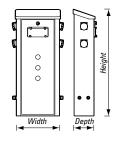


Standard Sourcinox Riviera polished-mirror stainless-steal

Possible equipment: electrical sockets up to 32A maxi and water exits, beaconing spotlight 12V, removable panel without hinges, upper rooftop.

Reinforced	HxWxD ⁽¹⁾ overall		Depagne
Riviera 100S	1000x430x210	can be equipped for electricity/water	442 100 00
Riviera 200S	1200x430x210	can be equipped for electricity/water	442 200 00
Riviera 201S	1200x430x320	can be equipped for electricity/water	442 201 00
Riviera 211S	1200x680x320	can be equipped for electricity/water	442 211 00



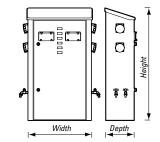


Reinforced Sourcinox Riviera polished-mirror stainless-steal

Possible equipment: electrical sockets up to 125A maxi and water exits, beaconing spotlight 12V with diffuser, with meters, management and ventilation, door on invisible hinges, opening rooftop.

Reinforced	HxWxD(1) overall		Depagne
Riviera 100R	1000x430x210	équipable électricité/eau	443 100 00
Riviera 200R	1200x430x210	équipable électricité/eau	443 200 00
Riviera 201R	1200x430x320	équipable électricité/eau	443 201 00
Riviera 211R	1200x680x320	équipable électricité/eau	443 211 00
Riviera 202R	1200x430x420	équipable électricité/eau	443 202 00
Riviera 212R	1200x680x420	équipable électricité/eau	443 212 00
Riviera 222R	1200x830x420	équipable électricité/eau	443 222 00
Riviera 332R	1316x905x435	équipable électricité/eau	443 332 00

Equipment: beaconing, lighting, electricity and water equipment, see page 130











Sourcelec and Sourcinox EQUIPMEN

Electrical equipment and electric accessories

IP44 socket



Power socket kit, supplied in bulk



Depagne

943 234 00

IP67 socket



3P+E	inclined 32A IP44 + 3x32A circuit-breaker with 30mA differential protection	947 333 00
	straight 32A IP67 + 3x32A circuit-breaker with 30mA differential protection	947 332 00
3P+N+E	inclined 16A IP44 + 4x16A circuit-breaker with 30mA differential protection	942 121 00
	straight 16A IP67 + 4x16A circuit-breaker with 30mA differential protection	947 416 00
	inclined 32A IP44 + 4x32A circuit-breaker with 30mA differential protection	942 122 00
	straight 32A IP67 + 4x32A circuit-breaker with 30mA differential protection	947 432 00

IP66/67 socket



	straight 32A IP66/67 MARECHAL® + 4x32A circuit-breaker with 30mA differential protection	947 532 00
201	inclined 63A IP67 PSK (contactor) + 4x63A circuit-breaker with 30mA differential protection	947 463 01
	straight 63A IP67 PSK (contactor) + 4x63A circuit-breaker with 30mA differential protection	947 463 00
7	straight 63A IP66/67 MARECHAL® + 4x63A circuit-breaker with 30mA differential protection	947 563 00
	inclined 125A IP67 PSK (contactor) + 4x125A circuit-breaker with 30mA differential protection	947 525 01
	straight 150A IP66/67 MARECHAL® + 4x125A circuit-breaker with 30mA differential protection	947 550 00
	straight 250A IP66/67 MARECHAL® + 4x250A circuit-breaker with 30mA differential protection	947 650 00
1 x 16A terminal block	k feeder kit with protection, supplied mounted	922 051 00
EC French standard 16	6A 2P+E adaptor	905 250 00
Power 2P+E	straight 16A IP44 NF + 16A Ph+N circuit-breaker with 30mA differential protection	941 110 02
socket kit,	straight 16A IP67 NF + 16A Ph+N circuit-breaker with 30mA differential protection	947 216 01
supplied	inclined 16A IP44 Hypra + 16A Ph+N circuit-breaker with 30mA differential protection	941 110 01
mounted	inclined COA IDAA I I was a COA Db . N circuit breaken with COm A differential anatostica	040 400 04

socket kit, supplied mounted inclined 32A IP44 Hypra + 32A Ph+N circuit-breaker with 30mA differential protection 942 102 01 3P+N+E inclined 32A IP44 Hypra + 4x32A circuit-breaker with 30mA differential protection 942 122 01 Socket kit, supplied RJ45 socket kit category 6 in PLEXO IP55 box 944 005 00 941 125 00 mounted 24V power socket 2 poles 24V plug 905 335 42

Water distribution



Water disti	ibucion		
			Depagne
Plumbing kit,	1 - 1/4 turn tap		943 101 00
supplied mounted		with meter	943 111 00
	2 - 1/4 turn taps		943 102 00
		with incoming cable 1m	943 102 01
		with meter	943 112 00
		with electrovalve	943 122 00
		with electrovalve and flow-meter	943 132 00
	4 - 1/4 turn taps		943 104 00
		with incoming cable 1m	943 104 01
		with meter	943 114 00
		with electrovalve	943 124 00
		with electrovalve and flow-meter	943 134 00
Plumbing kit,	1 quick coupling		943 201 00
supplied mounted		with meter	943 211 00
	2 quick couplings		943 202 00
		with incoming cable 1m	943 202 01
		with meter	943 212 00
		with electrovalve	943 222 00
		with electrovalve and flow-meter	943 232 00
	4 quick couplings		943 204 00
		with incoming cable 1m	943 204 01
		with meter	943 214 00
		with electrovalve	943 224 00

with electrovalve and flow-meter



Beaconing and lighting

Beaconing - 12 V LED SPOTLIGHT (white or blue)

Power supply cable:

Light output: 10 lumens. 4 self-shielded SMD LEDs.

Lifespan: - 50,000 hours at 25 °C,

- 50,000 hours at 25 °C, - 2-pin connector, - 1000 hours at 70 °C. - 2 x 1.5 mm 2 cross-section.

Power supply:

- 85/265 VAC - 50/60 Hz,

- consumption 2.5 W for 10 spotlights.

		Depagne
Beaconing kit with 12-V power supply white diodes	2 spotlights	920 211 00
and protection, supplied installed	3 spotlights	920 311 00
	4 spotlights	920 411 00
	6 spotlights	920 611 00
blue diodes	2 spotlights	920 212 00
	3 spotlights	920 312 00
	4 spotlights	920 412 00
	6 spotlights	920 612 00
Light sensor kit, supplied installed		920 019 00



Lighting - LAMPLED 230 VAC (white or blue)

Light output: 300 lumens/W. Electrical power: 1.2 W. 20 self-shielded SMD LEDs.

Lifespan: **Power supply cable**: 50,000 hours at 25 °C. - Length 1.15 m,

Power supply cable: Integrated power supply: 230 VAC. - Length 1.15 m,

- 2 x 1.5 mm² cross-section.

		Depagne
Exterior lighting/beaconing kit 1 x 230-	/ LAMPLED white diodes with protection, supplied installed	920 006 00
1 x 230-V LAMPLED,	white diodes	920 002 00
delivered in bulk with nut	blue diodes	920 002 00 BE
Analog twilight switch with light sensor	920 020 00	



Beaconing and sensing lighting

ELDI LAMPLED lighting kit with infrared detectors

LAMPLED providing diffusing light with 2 power levels, in order to upgrade lighting and consumption.

It is equipped with infrared detectors allowing to remain on standby mode, if nobody is nearby, avoiding therefore an overconsumption.

Long life LED lighting (efficiency 110 Lm/W, cool white 5000 K).

2 lighting modes: standby and maximum mode (presence sensing).

Motion detection by 2 infrared sensors (4 m range on each side) in anodised aluminium.

Electronics integrated in the lamp without any external additional module.

Direct supply 230V AC by bare cable 2x0.5 mm².

IP 67 protection (electronics embedded in protection resin).

Operating temperature: from -20° C to $+60^{\circ}$ C)

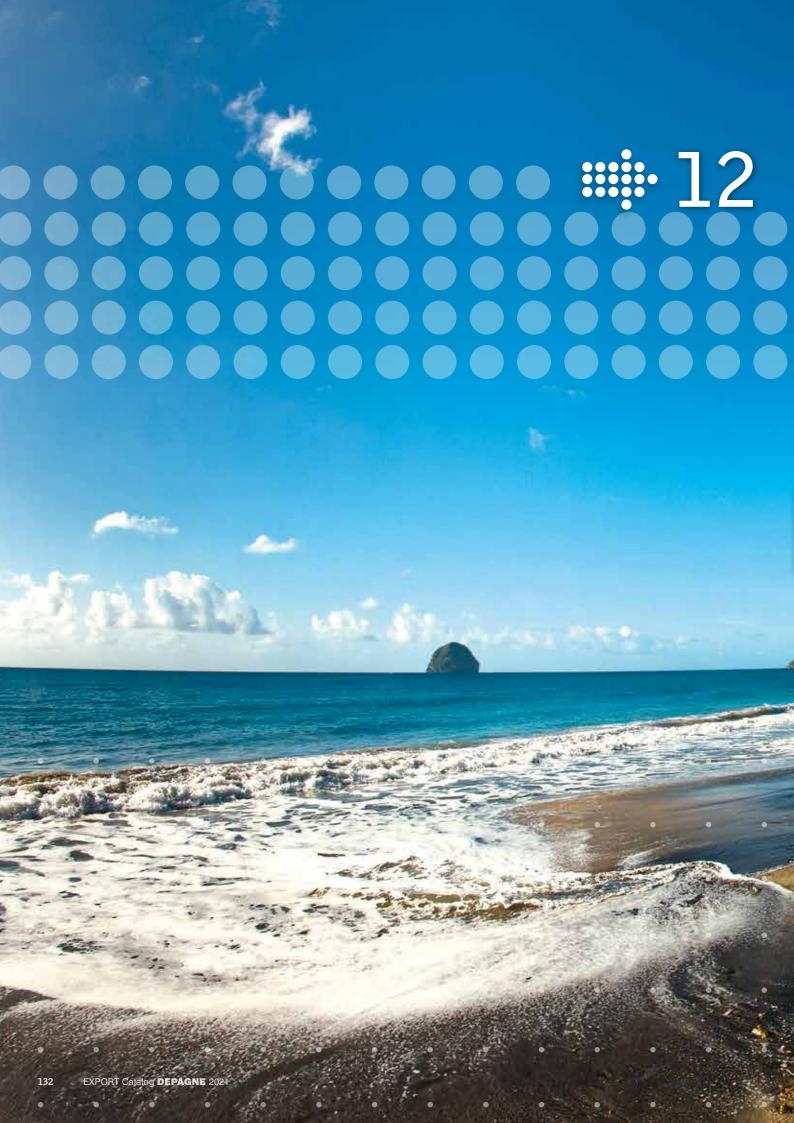
No connector (cable length: sensors 0.7 m, power cable 1.5 m).

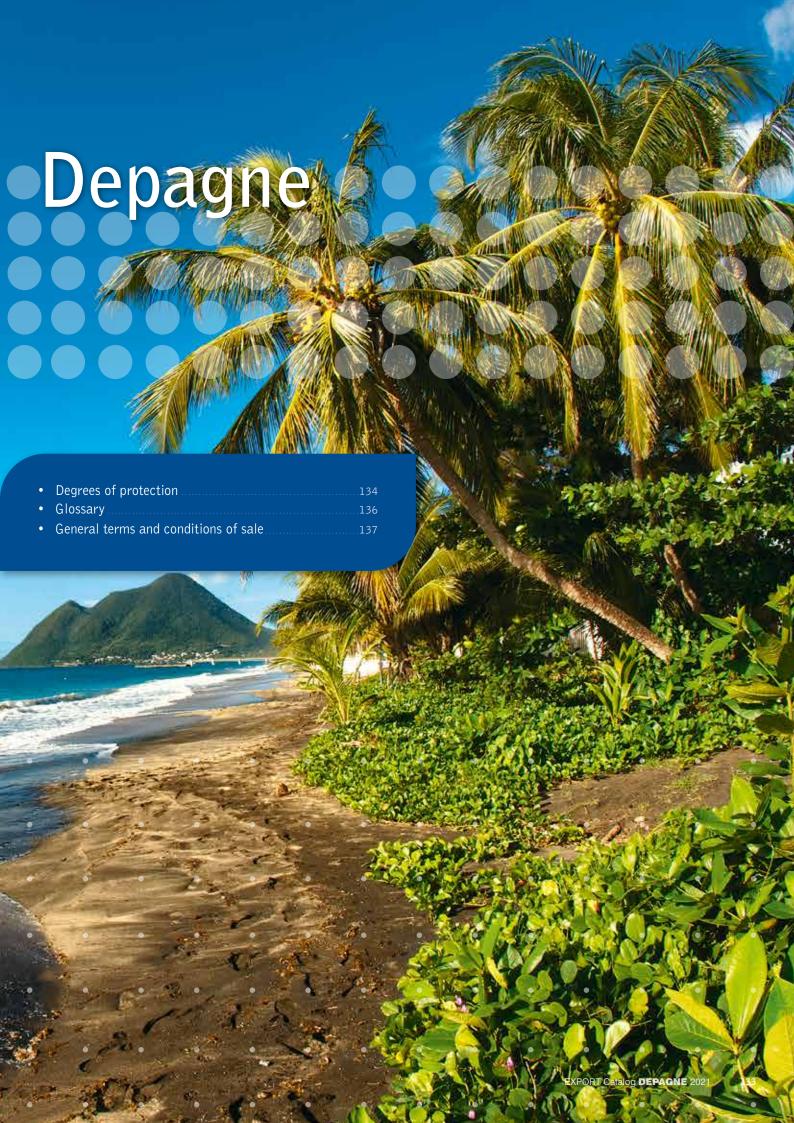
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Depagne **920 008 00**

ELDI kit, 1 LAMPLED, white diodes 230V with protection and 2 motion infrared sensors, supplied mounted

EXPORT Catalog **DEPAGNE** 2021





DEGREES of PROTECTION

The degree of protection is a standard of the International Electrotechnical Commission relating to sealing. This index classifies the level of protection that a piece of equipment provides against the ingress of solid and liquid bodies

IP: degree of protection of enclosures for electrical equipment according to EN 60529 and IEC 60529 standards

Composition: IP + 1st digit + 2nd digit + 1 letter.

1st digit: protection from ingress of foreign solid bodies (1 to 6)

IP	Protection against:	
IP 1X	back of the hand	or a ball $\emptyset \ge 50 \text{ mm}$
IP 2X	finger	or a ball $\emptyset \ge 12.5 \text{ mm}$
IP 3X	a tool $\emptyset \ge 2.5 \text{ mm}$	or a ball $\emptyset \ge 2.5 \text{ mm}$
IP 4X	a wire $\emptyset \ge 1$ mm	or a ball Ø ≥ 1 mm
IP 5X	a wire $\emptyset \ge 1$ mm	or dust
IP 6X	a wire $\emptyset \ge 1$ mm	or dust-tight

The letter X replaces the digit when there is no protection

2nd digit: protection from ingress of liquids (1 to 8)

IP	Protection against:	
IP X1	dripping water fall	vertically (condensation)
IP X2	dripping water fall	when tilted at any angle up to 15°
IP X3	spraying water	when tilted at any angle up to 60°
IP X4	splashing of water	from any direction
IP X5	water jets	from any direction
IP X6	powerful water jets	from any direction
IP X7	effects of temporary immersion	0.15 to 1 m
IP X8	effects of extended immersion	in specified conditions

The letter *X* replaces the digit when there is no protection

Letter: protection of persons against access to hazardous parts (A to D)

Letter	Protection against touching with:
A	back of the hand
В	finger
C	a tool with Ø smaller than finger
D	a wire



Composition: IK + digit.

Digit: impact resistance of enclosures (01 to 10)

Degree of protection against impacts	impact energy (joule)	corresponds to:	drops from a height of:
IK01	0.15	200 g	2.5 cm
IK02	0.23	200 g	10 cm
IK03	0.35	200 g	17.5 cm
IK04	0.5	200 g	25 cm
IK05	0.7	200 g	35 cm
IK06	1	500 g	20cm
IK07	2	500 g	40 cm
IK08	5	1700 g	29.5 cm
IK09	10	5000 g	20 cm
IK10	20	5000 g	40 cm

Degree of protection of enclosures against electric shocks

Composition: class + digit.

Digit: protection of enclosures (0 to III)

Class	characteristics	use	symbol
0	 main insulation, not possible to connect the conductive parts to each other or to the earth 	usage prohibited today	no symbol
I	 main insulation, conductive parts connected to each other and to the earth 	usage possible on work sites for stationary machines	÷
II	reinforced insulation (or double insulation),conductive parts not connected to the earth	usage possible on work sites for non-stationary machines	
III	 safety or protective extra low voltage supply (TBTS), conductive parts not connected to the earth, safe supply (safety transformer) 	mandatory for mobile, non-stationary devices, in humid or wet confined spaces.	with indication of maximum rated voltage

GLOSSARY

B BI	A	xA x amperes 3R 3 rearming A2 D2 Ph+N incoming cable, Ph+N feeder A4 D2 3 Ph+N incoming cable, Ph+N feeder A4 D4 3 Ph+N incoming cable, 3 Ph+N feeder AD circuit-breaker Supplement AGCP main control and protection device aM motor supplemental fuse	1		
Blue Tariff former standard "Pricing of energy for domestic use (3 to 36 kVA)", replaced by Limited power connection BPS monitored power connection BU voltage test box C CBE electronic blue meter CC cutout CCPC collective main cutout CCPI single-pole individual main cutout CUU Customer's Interface CPF fuse-holder connector D D1 individual branch DIFF differential EBCP insulation piercing end caps for copper or aluminium conductor ECP2D 2 ways cutout or protection unit ECP3D 3 ways cutout or protection unit ECP3D 3 ways cutout or protection unit Enedis grid electricity, formerly ERDF EP outdoor lighting F Four-pole 4 poles W N N neutral NF cylindrical fuse cartridge NH knife fuse cartridge NT triple neutral Ph+N+F phase + neutral Ph+N+F phase	_		L	LV	Low Voltage
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	Н	HPC high breaking capacity			

General TERMS AND CONDITIONS of sale

Article 1 - Purpose and scope

- 1.1 These general terms and conditions of sale (hereinafter the "GTCS") apply in their entirety, from 01/01/2021 to products sold by the Company DEPAGNE (hereinafter the "Company") in metropolitan France, French overseas administrative departments and territories, Export. These GTCS form the only basis for commercial negotiation and the framework for the business relationship between the Company and its Customers.
- 1.2 Any product order, whatever its origin, implies full and unconditional acceptance of these GTCS, supplemented (where applicable) by our special conditions. To be enforceable against our Company, any exception to the GTCS must have been expressly agreed in writing beforehand. The signing by our Company of any standard document (for example: conditions of purchase) shall not be deemed a waiver of the GTCS which will be, in any case, fully applicable and binding upon the Customer in all of its stipulations.
- 1.3 All documents other than these GTCS, and notably catalogues, flyers, advertisements and leaflets are provided as a guide only and for information purposes, and are non-contractual.
- 1.4 The fact that the Company does not, at a given moment, impose any one of the provisions of the GTCS shall not be interpreted as a waiver of the right to rely upon the same on a future occasion.

Article 2 - Intellectual property

All technical documents issued to our customers remain the exclusive property of the Company DEPAGNE, who is the sole owner of the intellectual property rights of these documents, and these shall be returned to it at its first request. Our Customers undertake not to use these documents in any way that is liable to infringe the industrial or intellectual property rights of our company and undertake not to disclose them to any third party without the prior authorisation of our Company.

Article 3 - Orders

3.1 **Definition**

Any placing of orders requires a prior agreement between our Company and the Customer and shall be the subject of an order confirmation. Any order must reach our Company in writing on the Customer's headed paper and be addressed by email to: commandes@depagne.fr. Orders placed with our agents will only become definitive after acceptance and confirmation on our part.

All orders which our Company agrees to fulfil are done so taking into account that the Customer provides sufficient financial guarantees and that it will actually pay the sums due by their due date, in accordance with the applicable legislation. Furthermore, if our Company has a genuine or particular reason to believe that the Customer will experience payment difficulties on the date of ordering, or after this date, or if the Customer does not provide the same guarantees as on the date of acceptance of the order, our Company may make acceptance or fulfilment of the order subject to payment in cash, by the Customer, or request guarantees in the interest of our Company. If the Customer refuses to make a cash payment, without proposing any satisfactory guarantee, our Company may refuse to honour the order(s) placed and to deliver the goods concerned, unless the Customer can argue unjustified refusal to sell, or claim any compensation.

3.1.1 Registering the order

The time taken to register the order and acknowledge receipt varies according to the specificity of the equipment, the conformity of the order, and the items necessary for it to be registered correctly, namely:

- the contact details of the Customer placing the order, invoice and delivery address,
- the item references and quantities,
- the prices agreed (special conditions of the Customer) or validated by a quote from DEPAGNE or one of our representatives, subject to approval,
- the costs (administrative and shipping fees) depending on the special conditions granted,
- the validated diagrams and plans, signed by the Customer, if necessary. The item reference and its description are specific to one piece of equipment. No modification of the item description by the Customer will be taken into account. Only the item reference from the catalogue, on our Company's quote, and indicated on the purchase order will prevail in the event of a discrepancy between the equipment ordered and the equipment received.

3.2 Order modification - Cancellation

- 3.2.1 Orders sent to our Company are irrevocable for the Customer.
- 3.2.2 Any modification of the order after its acceptance is subject to the express and prior agreement of our Company. Modifications made to the order after it has been accepted may:
 - be subject to a surcharge, which the Customer will be notified of and/or
 - extend the delivery time of the order concerned.
- 3.2.3 Any items ordered requiring specific equipment cannot be cancelled once the order has begun to be processed.

3.3 Costs payable by the Customer

3.3.1 Shipping Costs

In mainland France, any order above €700 excl. tax will be delivered free of charge. If the Customer's order is less than €700 excl. tax, shipping costs of €30 excl. tax will be invoiced in addition to or up to the cost of carriage stipulated in the Customer's special conditions.

3.3.2 Administrative Costs

For any order below €110 excl. tax, an administrative fee of €15 excl. tax will be invoiced in addition or according to the Customer's special conditions.

3.3.3 Other Costs

Additional logistics costs shall be subject to an offer or a quote and will be invoiced in agreement with the Customer.

3.3.4 Return of Equipment at the Customer's Request

Any request to return equipment initiated by the customer (e.g. stock, customer error regarding references ordered, cancellation of the order by the end customer) must be sent by email to SAV@depagne.fr stating the order number(s), the item references and quantities. Depending on this information, our Company may or may not approve the return of the equipment

If the request is accepted by our Company, a return form will be addressed to the Customer stating all the aforementioned information.

A deduction may be applied depending on the type of equipment:

- standard equipment: 10% deduction,
- specific equipment: deduction to be negotiated depending on the technical nature of the equipment,
- no deduction if the Customer places another order for an equivalent amount to the equipment returned.

The organisation and cost of transport will be borne by the Customer. Upon receipt at one of our plants, we will check the conformity of the equipment.

If, however, the equipment is found to be faulty, our Company reserves the right not to issue a refund.

A credit note will be sent to the Customer for the amount indicated on the return form, and for the quantities of non-faulty items physically received.

Article 4 - Time frames and deliveries

4.1 Time frames

4.1.1. The delivery times are given for information only, ex-works on business days (excluding bank holidays and company's periods of closure). These time frames are dependent in particular on the supplier's timelines, the availability of carriers and our production workload.

Our Company strives to respect the delivery times stated upon acceptance of the order, but delays do not constitute grounds for refusal of goods, cancellation of the sale or penalties. Delays shall not entitle the Customer to amend payments on the agreed dates, cancel current orders, or refuse goods.

Our Company assumes no liability whatsoever/is relieved of any obligation relating to delivery times in the case of a force majeure detailed in Article 9 of these GTCS.

4.1.2 In the event of a partial delivery by our Company, failure to deliver part of the order or defer the balance must not result in delayed payment for the part delivered.

General TERMS AND CONDITIONS of sale (continued)

4.2 Risks

The deliveries are made according to Incoterm 2020 FCA Vendor's premises - Free Carrier within mainland France.

Sales to be sent abroad will be made according to the Incoterm stipulated in the offer, or if this is not specified, EX-WORKS from our production sites in ST GERVAIS LE PORT (38470) or LA RIVIERE (38210).

Irrespective of the method of transport, the products are deemed to be under the care of the Customer as soon as the goods have been handed over to the carrier and are transported at its own risk. The Customer bears the risks it may suffer or cause, for whatever reason, despite the application of Article 8.

Article 5 - guarantee - risks

5.1 Guarantee

Unless otherwise agreed in the Customer's special conditions, our Company's equipment has a 24-month guarantee from the date of delivery thereof (Carrier's consignment note signed by the Customer providing such proof), and when the equipment sold is used for its intended purpose.

5.2 Reservations related to unloading - damage due to carriers

The Customer shall be solely liable for unloading.

The delivery note must be signed upon receipt of the goods by the Customer. A signature implies acceptance of the delivery particularly in terms of the quantities delivered. In the absence of a signature, any irregularities should be brought to the attention of our Company, under the following conditions (for loss and damage) or under the conditions of Articles 5.3.3. (Complaints - Returns) or 5.4 (Liability - latent defects). Failing this, our Company will not be held liable.

In the event of any damage, delay or missing items, it is the receiving Customer's responsibility to notify the carrier of any complaints and regular reservations by noting these on the acceptance document which it is required to sign, and have countersigned by the carrier or its driver's representative, with the date, and confirm this by registered letter within 3 days (not including public holidays), in accordance with the provisions of Article L. 133-3 of the French Commercial

A copy should be sent to our Company within this same 3-day period, by registered letter with acknowledgement of receipt.

These formalities are absolutely necessary for apportioning liability to the transport service provider. Failing this, the Customer shall be liable for any consequences of non-compliance.

5.3 Reservations related to Product conformity

5.3.1 Conformity of products within the context of an installation or modification made by the Customer

All DEPAGNE equipment installed by the Customer must be done so in accordance with the installation, assembly and maintenance recommendations provided with the equipment.

Under no circumstances will our Company be responsible for costs incurred by the Customer for any modification to DEPAGNE products or their installation outside the scope of the assembly or maintenance recommendations provided with the equipment, for any reason whatsoever, without the express written agreement of our Company. If this is the case, our Company shall not be held liable for the correct operation of the equipment concerned and we reserve the right to withdraw the manufacturer's warranty.

5.3.2 Conformity and guarantee of products within the context of an After-Sales intervention

Our Company, or a service provider approved by our Company, may be required, with the Customer's agreement, to attend the site in order to perform an After-Sales intervention (preventive or curative), as part of the manufacturer's warranty. Under no circumstances will our Company be responsible for costs incurred by the Customer for any modification to DEPAGNE products or their installation outside the scope of the assembly or maintenance recommendations provided with the equipment, for any reason whatsoever, without the express written agreement of our Company.

5.3.3 Complaints - Returns

It is the Customer's responsibility to check that the goods match the delivery note, each time a delivery is received, and as soon as possible, while the delivery driver is present. Failing this, our Company reserves the right to contest the dispute.

For any dispute or request to return a product, the request must be made by email, within 8 days, sent to the following address: SAV@depagne.fr. The Customer must provide, in writing, all the information enabling our Company to assess the accuracy of the grievance and should notably indicate:

- the order reference.
- the references and quantities of the products concerned, as well as the nature of the alleged defect.
- attach photos, if necessary,
- any other evidence demonstrating the non-compliance.

Under no circumstances may a Customer demand the immediate return of products by the carrier; the carrier must have received such an instruction beforehand from our Company. No returns will be accepted if they have not been subject to express and prior approval from our Company.

Non-compliant products should be returned in their original packaging as soon as approval has been granted by our Company, via the carrier selected by our Company. The return costs and risks shall be borne by our Company when this return is performed under the aforementioned conditions (approval given by our Company, original packaging used and transport performed by the carrier selected by our Company).

Subject to approval by our Company, returned products will be replaced by identical products or by similar products. Similar products are those which can be substituted for those ordered. If these conditions are not respected, the products shall be deemed to have been accepted. A refund in the form of a credit note may be made subject to acceptance by our Company (validated return form).

The Customer shall remain solely liable for any goods which are refused on delivery until they are returned to sender, and on the sole condition that the return is accepted by our Company under the aforementioned conditions. The Customer shall store the goods under optimal conditions, in particular so that our Company can perform any checks necessary to settle the claim.

5.4 Liabilities

The Company will in no way assume liability in the following cases:

- use of the Product under non-compliant conditions of installation, use or performance;
- faults caused after the transfer of risks, in particular, damage due to defective storage, retention or use that does not conform to the recommendations and instructions for use;
- damage resulting from errors or inconsistencies associated with documents or information provided by the Customer,

In the case of a latent defect, our Company's warranty shall be rendered null and void if our Customer fails to inform our Company of the alleged defect within a period of 20 working days after its discovery. It will then be the Customer's responsibility to prove the day on which it was discovered.

It is stated that a design fault is not a latent defect and our Customers are deemed to have received all the technical information relating to our products. We will not cover damage and wear resulting from an installation which fails to comply with our recommendations, the installation manual and best practice (see Art. 5.3.1 5.3.1/5.3.2).

Our Company shall in no way be held liable, in respect of latent defects, with regards to professionals in the same field of speciality, which the Customer expressly accepts.

Products with latent hidden defect found by our Company will be either replaced by identical products or by similar products, or repaired by us.

In all cases, our Company's liability will be limited solely to direct consequences and will exclude indirect consequences (notably operating losses, delayed commissioning, etc.), as negotiated beforehand and validated expressly by both parties.

Article 6 - Price

6.1 **Rate**

The goods are invoiced at the rate in force on the day of the delivery. The prices are given in Euros, net and excluding any tax or duties. The VAT rate applicable to the price excluding tax is the rate in force on the day on which the invoice is issued. The fulfilment times which appear on an order are only accepted by our Company and are only binding under the following conditions: compliance by the Customer of the payment conditions and payment of advances, timely supply of the technical specifications, no delays in relation to the studies or preparatory work, no force majeure, social, political, economic or technical events hindering the operation of our plans or the supply of components, energy or raw materials.

Article 7 - Terms of payment

7.1 Payment periods and terms

Invoices are payable no later than 45 days after the date of invoicing, unless special conditions have been agreed between our Company and the Customer or specific terms apply (Article 7.2).

The following methods of payment are accepted: cheque, draft, or transfer. Any delay constitutes a late payment and could lead to the penalties below being applied.

All invoices must be paid on their due date, even in the event of a dispute regarding their wording or content which, where applicable, forms the subject of a subsequent regularisation. Any disagreement concerning the invoice must be notified within a period of eight (8) days after its receipt. After this period, the invoice will be deemed to have been accepted.

The Customer shall refrain from automatically deducting, from the invoice issued by our Company, any penalties or discounts as a result of failure to respect a delivery date or amounts for work that it may have performed on its own initiative for any reason whatsoever, even in the case of non-compliant goods, when the debt is not certain, liquid or due, without our Company being able to check the accuracy of the corresponding grievance.

7.2 Specific invoicing

- For any new Customer, our Company reserves the right to request a K-bis extract [certificate of incorporation] as well as a pro-forma invoice to be paid prior to shipment or when the information available to our Company from credit insurance companies is not deemed satisfactory.
- For any deal exceeding €0,000 excl. tax, we will send you a request for a deposit of 30% of the total amount excl. tax to be paid prior to shipment. Payment of the balance will be made according to the Customer's standard payment conditions.

7.3 Late payment

Any invoice not paid by its due date will immediately and automatically result in the following:

- the payment of all outstanding sums due to our Company, irrespective of the payment method;
- the payment of late penalties equal to the interest rate applied by the European Central Bank to its most recent refinancing operation plus 10 percentage points.
 Interest begins to accrue from the due date which appears on the invoice and will continue to accrue up to the date of payment of the full amount due.
 These sums plus interest may be deducted by our Company from any sum which may be due to the Customer or any discount or rebates granted to the Customer;
- the payment of a lump-sum compensation of forty (40) Euros, without prejudice given to the discretion for our Company to claim additional compensation upon presentation of supporting documents.

Our Company also reserves the right to cancel the sales for which delivery has taken place, to suspend any delivery until full payment of any invoices outstanding or to cancel current orders, without prejudice to exercising any legal remedy.

7.4 Discount

No discount is given for early payment or for cash payment.

Article 8 - Reservation of ownership

- 8.1 The transfer of ownership of our Products is suspended until full payment of the price thereof by the Customer, of the principal and other charges, even in the case of obtaining additional payment time. Any clause to the contrary, particularly included in the general terms and conditions of purchase, is considered null and void, in accordance with Article L. 624-16 of the French Commercial Code.
- 8.2 In these implementing provisions, simply issuing a cheque, a bill of exchange or any other document stating an obligation to pay does not constitute a payment.
- 8.3 The Customer is required to allow at any time the identification and reclaim of goods delivered. By express agreement, the goods in stock at the Customer are deemed to be pertaining to outstanding invoices.
 - The Customer, who is permitted to resell products supplied under the normal performance of its business, is required to immediately inform our Company of the seizure, for the benefit of a third party, of products supplied under reservation of ownership. Moreover, the Customer shall refrain from pledging or assigning ownership of the goods as a guarantee. In the case of resale, it undertakes to assign its claims against sub-purchasers to our Company to a maximum of sums due.
- 8.4 In the event of opening of a court-supervised administration procedure or legal liquidation proceedings, current orders will be automatically cancelled, and our Company reserves the right to request that the goods in stock be returned.

Article 9 - Force majeure

Events be regarded as force majeure or exceptional circumstances, are those events independent of the will of the parties, insofar as they could be reasonably taken into consideration, and that could not be reasonably avoided or overcome, insofar as their occurrence renders it completely impossible to fulfil the obligations.

The following are considered to be force majeure or fortuitous events releasing our Company from its obligation to deliver within the initial deadlines planned: strikes by all or some personnel of our company or of its usual carriers, fire, flood, war, production stoppages due to fortuitous breakdowns, the impossibility of obtaining supplies of raw materials, epidemics, road closures due to thawing snow, road blocks, ENEDIS-GRDF utility company strikes or supply disruptions for a reason not attributable to our Company, as well as any other cause of supply disruption attributable to our suppliers. Under such circumstances, our Company will inform the Customer in writing, or email, within 48 hours of the date of occurrence of the events, the contract binding our Company and the Customer then being suspended as of right without compensation, from the date of occurrence of the event.

If the event continues for more than 30 days from the date of occurrence thereof, the sales contract agreed by our Company and our Customer may be terminated by the first party to take action, without any of the parties having the right to claim the award of any damages or interest.

This termination will take effect on the date on which the registered letter with acknowledgement of receipt is first presented denouncing said sales contract.

Article 10 - Address for service

The address for service is made by our Company at its registered address: 11 chemin de la Dhuy - ZAC de Maupertuis - CS40047 - 38246 MEYLAN CEDEX

Article 11 - Election of jurisdiction, applicable law

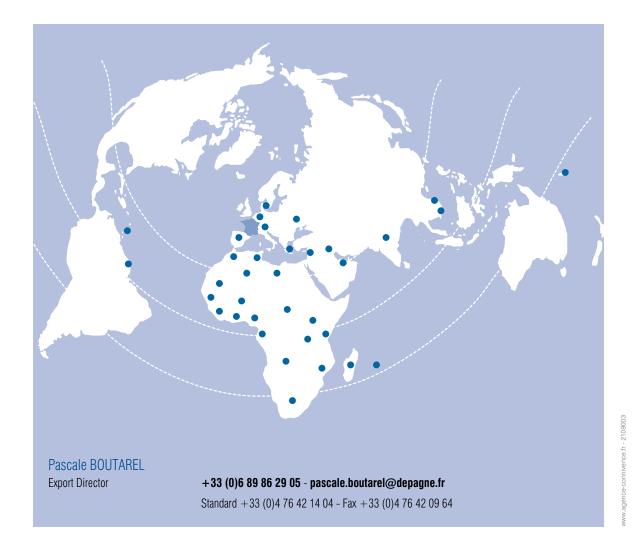
By express agreement, sole jurisdiction is allocated for all disputes which may arise between the parties as part of their business relationships, to the Courts of Grenoble (France), irrespective of the place of delivery, the payment method accepted, including in the case of third-party appeals or multiple respondents.

Any questions relating to these general terms and conditions of sale, together with the sales it governs, which have not been covered by these contractual stipulations, shall be governed by French law, to the exclusion of any other law.

Bills of exchange shall not act as novation or exemption to this election of jurisdiction clause

Article 12 - Waiver

For our Company, refraining from invoking any of the clauses herein at any given time shall not constitute a waiver of our right to invoke these clauses at a later date.



Our references:



Algeria





Burkina-Faso



Burundi



Cambodia



Cameroon











Gabonese



Ghana



Guinea



Libanon











Senegal



Senegal



Tanzania



Togo



Tunisia

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