

ENSTO

IT PDU

PULTI Solution for
computer rack equipment



Better life.
With electricity.



ELECTRICAL INSTALLATION SYSTEM

PULTI the 19" housing reference in Europe

Information and communication technologies (IT) bring together the techniques used in the processing and transmission of information. This constantly evolving industry requires a reliable and adaptable equipment.

Since 1964, the PULTI range has been manufactured in France and offers high-performance solutions for the equipment of computer racks and the layout of data centres.

These Power Distribution Units (PDUs) are standard or custom enclosures for powering, controlling, monitoring, managing and controlling your computer hardware.

- Power supply with a wide choice of outlet standards:
French, Schuko, IEC, English, American, Italian, Swiss
- Monitoring
- Control and monitoring by sensors: temperature, humidity, etc ...
- Remote switching of enclosures and outlets.



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Multi Standard International

French socket outlets

16 A / 250 V

Countries concerned:
France, Belgium, Poland,
Cameroon, Congo, Ivory
Coast, Algeria, Gabon,
Lebanon, Madagascar,
Morocco, Dem. Central
Africa, Senegal, Syria,
Chad, Tunisia, Zaire.



French socket
outlet

PULTI CLASSIC and
RACK



French socket
outlet for UPS

PULTI CLASSIC and
RACK

Swiss socket outlet

10 A / 250 V

Country con-
cerned:
Switzerland



Swiss socket
outlet

PULTI CLASSIC

Schuko socket outlets

16 A / 250 V

Countries concerned:
Germany, Austria, Spain,
Finland, Hungary, Iceland,
Indonesia, Luxembourg,
Netherlands, Portugal,
Norway, Sweden, Turkey.



Schuko socket
outlet

PULTI CLASSIC et
RACK



Schuko socket
outlet for UPS

PULTI CLASSIC et
RACK

English socket outlet

13 A / 250 V

Countries
concerned:
Great Britain,
South Africa,
Hong Kong, India,
Iraq, Ireland,
Kuwait, Pakistan,
Singapore, U.A.E.



English socket
outlet

PULTI CLASSIC and
RACK

Socle italien

Italian socket outlet
16A/250V Country
concerned : Italy.



Italian socket
outlet

PULTI CLASSIC

American socket outlet

15 A / 125 V

Countries
concerned:
USA, Canada,
Japan, Korea,
Philippines,
Taiwan, Thailand,
Cambodia



American socket
outlet

PULTI CLASSIC and
RACK

IEC 320 Connectors

For all countries



IEC 320 C13 10A

PULTI CLASSIC et
RACK



IEC 320 C19 16A

PULTI CLASSIC et
RACK



IEC 320 C13 10A
with lock

PULTI RACK



IEC 320 C19 16A
with lock

PULTI RACK



Please contact us for
product
customization



AVAILABLE PULTI CONFIGURATIONS & OPTIONS

Available configurations and options

The products in this catalogue are just examples of the many configurations we offer. Do not hesitate to contact us, we will gladly adapt the products to your needs.



IEC 320-C13 and IEC 320-C19 connectors with locking system

USE :

To ensure the correct operation of an installation against any risk of accidental disconnection of devices, connect them to a power strip equipped with connectors IEC 320-C13 or IEC 320-C19 with a tamper-proof locking system. You will then avoid inadvertently disconnecting the device connected to it and eliminate any risk of unfortunate incidents that can have significant and damaging consequences.



IEC 320-C19



IEC 320-C13



Insert any type of IEC 320-C14 plug into the identified IEC 320-C13 connector



... the plug is thus locked and protected against extraction

ADVANTAGES :

- Avoids accidental disconnection of connected equipment
- Eliminates possible risks of power failure of the device
- Connectors with a strong, effective tamper-proof locking system
- Compatible with all models of IEC 320-C14 and IEC 320C20
- Fast unlocking by simply pressing the red push button
- Robust mechanical support and very high resistance to tearing

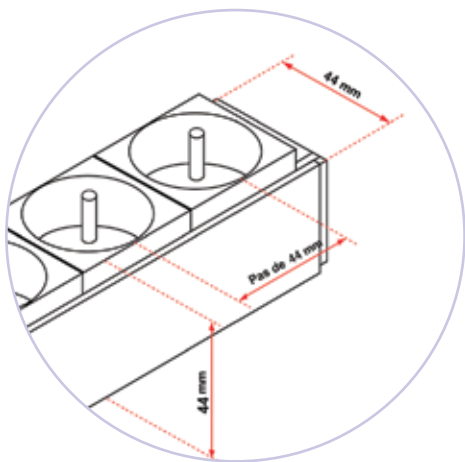
DESCRIPTION:

- Connector IEC 320-C13, black, 2 poles + earth 10 A - 250 V
- Connector IEC 320-C19, black, 2-poles + earth 16 A - 250 V
- «Harpoon» locking system
- Spring loaded push button for unlocking
- CE certified, ENEC KEMAKEUR, UL
- Fireproof plastic components, without halogen gas release, insensitive to ultraviolet rays
- Incandescent resistance of 750 ° C



To unlock, simply press the button and extract the plug

PULTI CLASSIC



SEVERAL MOUNTING BRACKETS AVAILABLE



- PULTI designed according to the 19" standard
- Pitch 44 mm in accordance with 1 U, IEC 297-3
- Very small footprint



Robust body made of natural or black anodized aluminium rail



- Wide choice of socket outlets (FR, DE, UK, US, IEC, etc ...)
- Aluminium profile available in great length
- Cables up to 2.5 mm² in 16 A and 6mm² in 32 A
- Housing wiring by 4 mm² busbar
- 45 ° socket outlet orientation (French & Schuko outlets)
- Special manufacture on request

Use of high quality plastic material:

- Fireproof
- No release of halogenated gases
- Insensible to ultraviolet rays
- Compliance with the GWT 850°C

-Internal connection of socket outlets by double contact bar:

- Large contact area between pin and cell
- Large mechanical strength
- Interconnection of socket outlets without resistive discontinuity (bus bar)



MANY OPTIONS AVAILABLE



Conformity of products

to the standard of the country for which they are intended

- Modular system for optimal adaptation of configurations
- Mixing strong currents and weak currents with associated protections
- Large number of fixings and accessories

System for UPS :

- Genuine lock supporting only the PULTI key
- Opening impossible with a straight tool
- Key complex with helical track
- The mechanism cannot be dismantled

Increased security :

- Adhesive fixed key
- A red circle on the sockets makes it possible to immediately identify the secondary network



PULTI CLASSIC with sockets for direct feeding normal network

PULTI without control and without protection



Direct feeding French sockets



Direct feeding Schuko sockets



Direct feeding IEC 320-C13



Designation / Number of socket outlets	Dimensions (mm)	References with French sockets	References with IEC 320-C13	References with Schuko sockets
Direct feeding 8 socket outlets	L 440 x l 44 x h 44	P600205-PE	P609750-PE	P600384-PE
Direct feeding 9 socket outlets	L 440 x l 44 x h 44	P600198-PE	P601766-PE	P600068-PE
Direct feeding 9 socket outlets with indicator light	L 440 x l 44 x h 44	P600200-PE	P605747-PE	P609570-PE
Housing equipped with a 44 mm shutter between each socket				
Direct feeding 13 socket outlets	L 1232 x l 44 x h 44	P600242	P606849	P611195
Alimentation directe 19 socket outlets	L 1760 x l 44 x h 44	P600244	P606850	P605476

Characteristics :

- Anodized aluminium body, natural colour, width 44 mm (1 U)
- Power feeding by a 2 m grey cord HO5VVF 3 G 1.5 mm² equipped with a 16A - 250 V grey Franco-German over-moulded plug (FR or Schuko version); grey cord HO5VVF 3G1mm² with moulded connector C14 (version IEC 320-C13)
- The mounting tabs for horizontal mounting in the computer rack are only supplied with references in the format 440 m 1 U - 19"
- French socket outlets with cell shutters or Schuko 16 A - 250 V without cell shutters or IEC 320-C13 black 2 poles + earth
- **Special configurations on request**



PULTI CLASSIC with sockets and bipolar illuminated switch normal network

Control and indication of voltage presence

Position 0 (Off) - I (On)

Amber Light



Bipolar illuminated switch with French socket outlets



Bipolar illuminated switch with Schuko socket outlets



Bipolar illuminated switch with IEC 320-C13



Designation / Number of socket outlets	Dimensions (mm)	References with French sockets	References with IEC 320-C13	References with Schuko sockets
19" Bipolar illuminated switch 8 socket outlets	L 440 x l 44 x h 44	P600214-PE	P601467-PE	P600083-PE
Housing equipped with a 44 mm shutter between each socket				
Bipolar illuminated switch 13 socket outlets	L 1232 x l 44 x h 44	P600243	P602647	P600484
Bipolar illuminated switch 19 socket outlets	L 1760 x l 44 x h 44	P600245	P602651	P600438-1

Characteristics :

- Anodized aluminium body, natural colour, width 44 mm (1 U)
- Power feeding by a 2 m grey cord HO5VVF 3 G 1.5 mm² equipped with a 16A - 250 V grey Franco-German over-moulded plug (FR or Schuko version); grey cord HO5VVF 3G1mm² with moulded connector C14 (version IEC 320-C13)
- The mounting tabs for horizontal mounting in the computer rack are only supplied with references in the format 440 m 1 U - 19 "
- French socket outlets with cell shutters or Schuko 16 A - 250 V without cell shutters or IEC 320-C13 black 2 poles + earth
- **Special configurations on request**



PULTI CLASSIC with sockets for direct feeding and bipolar light switch, UPS network

PULTI with or without bipolar light switch



Direct feeding with French socket outlets



Direct feeding with red French socket outlets



Bipolar illuminated switch with French socket outlets



Bipolar illuminated switch with red French socket outlets



Designation / Number of socket outlets	Dimensions (mm)	References with French sockets	References with a natural coloured housing and red French socket outlets
Direct feeding 9 socket outlets	L 440 x l 44 x h 44	P600350-PE	P609127-PE
Bipolar illuminated switch 8 socket outlets	L 440 x l 44 x h 44	P600539-PE	P612052-PE

Characteristics :

- Anodized aluminium body, natural colour, width 44 mm (1 U)
- Power feeding by a 2 m grey cord HO5VVF 3 G 1.5 mm² equipped with a 16A - 250 V grey Franco-German over-moulded plug
- The mounting tabs for horizontal mounting in the computer rack are only supplied with references in the format 440 m 1 U - 19"
- French socket outlets with cell shutters.
- Adhesive keys provided
- Special configurations on request



*Adhesive keys



PULTI CLASSIC with sockets and 10 A or 16 A-30 mA RCBO normal network

Protection against overloads, short circuits and current imbalances

Single pole RCBO 10 A -30 mA
or 16 A - 30 mA Type AC Curve «C», breaking capacity
of 4500 A according to NF EN 60898 and 6000 A according to IEC 947-2



RCBO 16 A - 30 mA French socket outlets



RCBO 16 A - 30 mA Schuko socket outlets



RCBO 10 A - 30 mA IEC 320-C13



Designation / Number of socket outlets	Dimensions (mm)	References with French sockets	References with IEC 320-C13	References with Schuko sockets
19" RCBO 6 socket outlets	L 440 x l 44 x h 44	P600185-PE	P602106-PE	P602644-PE
Housing equipped with a 44 mm shutter between each socket				
RCBO 12 socket outlets	L 1232 x l 44 x h 44	P600553	P606892	P606813

Characteristics :

- Anodized aluminium body, natural colour, width 44 mm (1 U)
- Power feeding by a 2 m grey cord HO5VVF 3 G 1.5 mm² equipped with a 16A - 250 V Franco-German grey over-moulded plug (FR or Schuko version); grey cord HO5VVF 3G1mm² with moulded connector C14 (version IEC 320-C13)
- The mounting tabs for horizontal mounting in the computer rack are only supplied with references in the format 440 m 1 U - 19 "
- French socket outlets with cell shutters or Schuko 16 A - 250 V without cell shutters or IEC 320-C13 black 2 poles + earth
- **Special configurations on request**



PULTI CLASSIC with sockets and 10 A or 16 A thermomagnetic circuit breaker, normal network

Overload and short circuit protection

10A or 16A bipolar magneto-thermic circuit breaker «C» curve,
breaking capacity of 6kA according to NF EN 60898
and 20kA according to NF EN 60947-2



Thermomagnetic circuit breaker 16A with French socket outlets



Thermomagnetic circuit breaker 16A with Schuko socket outlets



Thermomagnetic circuit breaker 10A with IEC 320-C13



Designation / Number of socket outlets	Dimensions (mm)	References with French sockets	References with IEC 320-C13	References with Schuko sockets
19" Thermomagnetic circuit breakers 16A 6 socket outlets	L 440 x l 44 x h 44	P600191-PE	P602105-PE	P600053-PE
Housing equipped with a 44 mm shutter between each socket				
Thermomagnetic circuit breakers 16A 12 socket outlets	L 1232 x l 44 x h 44	P600240	P606882	P600935

Characteristics :

- Anodized aluminium body, natural colour, width 44 mm (1 U)
- Power feeding by a 2 m grey cord HO5VVF 3 G 1.5 mm² equipped with a 16A - 250 V grey Franco-German over-moulded plug (FR or Schuko version); grey cord HO5VVF 3G1mm² with moulded connector C14 (version IEC 320-C13)
- The mounting tabs for horizontal mounting in the computer rack are only supplied with references in the format 440 m 1 U - 19 "
- French socket outlets with cell shutters or Schuko 16 A - 250 V without cell shutters or IEC 320-C13 black 2 poles + earth
- **Special configurations on request**



PULTI CLASSIC with sockets and energy meter

normal network

Measurement of the energy consumed

Voltage (1 single phase of measurement in 230V AC 50Hz)

Maximum intensity 32A

Active power in KW

Energy in KWh

Frequency in Hz

Phase shift in degrees

Reset button

LCD screen display

The energy meter turned off, the energy value will remain stored

NEW



With energy meter and French socket outlets



With energy meter and IEC 320-C13



With energy meter and Schuko socket outlets



Designation / Number of socket outlets	Dimensions (mm)	References with French sockets	References with IEC 320-C13	References with Schuko sockets
Energy meter 5 socket outlets	L 352 x l 44 x h 44	P611386	P611387	P611388
Energy meter 7 socket outlets	L 440 x l 44 x h 44	P610577-PE	P611564-PE	P611182-PE
Energy meter 19 socket outlets	L 968 x l 44 x h 44	P611431	P611429	P611430

19"

Characteristics :

- Anodized aluminium body, natural colour, width 44 mm (1 U)
- Power feeding by a 2 m grey cord HO5VVF 3 G 1.5 mm² equipped with a 16A - 250 V grey Franco-German over-moulded plug (FR or Schuko version); grey cord HO5VVF 3G1mm² with moulded connector C14 (version IEC 320-C13)
- The mounting tabs for horizontal mounting in the computer rack are only supplied with references in the format 440 m 1 U - 19 "
- French socket outlets with cell shutters or Schuko 16 A - 250 V without cell shutters or IEC 320-C13 black 2 poles + earth
- **Special configurations on request**



PULTI CLASSIC with sockets and surge protector

normal network

Protection against overvoltage

Voltage presence indicator
Single phase network: 230Vac
Maximum voltage: 255V
Protection level Up: 1.5kV
Maxi-I_{max} discharge current (1 shock wave 8 / 20µs): 5kA
Nominal discharge current-I_n (15 shocks wave 8 / 20µs): 2.5kA
The buzzer indicates the shutdown of the surge protector.



Surge protector + French socket outlets



Surge protector + Schuko socket outlets



Designation / Number of socket outlets	Dimensions (mm)	References with French sockets	References with Schuko sockets
Surge protector 7 socket outlets	L 440 x l 44 x h 44	P605602-PE	P607675-PE
Housing equipped with a 44 mm shutter between each socket			
Surge protector 12 socket outlets	L 1232 x l 44 x h 44	P607627	P607682

Characteristics :

- Anodized aluminium body, natural colour, width 44 mm (1 U)
- Power feeding by a 2 m grey cord HO5VVF 3 G 1.5 mm² equipped with a 16A - 250 V grey Franco-German over-moulded plug (FR or Schuko version)
- The mounting tabs for horizontal mounting in the computer rack are only supplied with references in the format 440 m 1 U - 19 "
- French socket outlets with cell shutters or Schuko 16 A - 250 V without cell shutters
- **Special configurations on request**



PULTI CLASSIC with sockets and EMI filter 16A normal network

Interference protection from 0.1 to 30 MHz

Average attenuation of the EMI filter according to CISPR 17 (50/50 ohms):

Symmetrical mode:

F(MHz) 0.1	1	10	30
A(dB) 0	10	45	55

Asymmetrical mode:

F(MHz) 0.1	1	10	30
A(dB) 10	35	45	60



EMI filter + French socket outlets



EMI filter + Schuko socket outlets



Designation / Number of socket outlets	Dimensions (mm)	References with French sockets	References with Schuko sockets
EMI filter 16A 7 socket outlets	L 440 x l 44 x h 44	P600563-PE	P601328-PE
Housing equipped with a 44 mm shutter between each socket			
EMI filter 16A 12 socket outlets	L 1232 x l 44 x h 44	P606760	P606834

Characteristics:

- Anodized aluminium body, natural colour, width 44 mm (1 U)
- Power feeding by a 2 m grey cord HO5VVF 3 G 1.5 mm² equipped with a 16A - 250 V grey Franco-German over-moulded plug
- The mounting tabs for horizontal mounting in the computer rack are only supplied with references in the format 440 m 1 U - 19 "
- French socket outlets with cell shutters or Schuko 16 A - 250 V without cell shutters
- **Special configurations on request**



PULTI CLASSIC with sockets and surge protector + filter

normal network

Overvoltage and interference protection from 0.1 to 30MHz

Voltage presence indicator

Single phase network: 230Vac

Maximum voltage: 255V

Protection level Up: 1.5kV

Maxi-Imax discharge current (1 shock wave 8 / 20µs): 5kA

Nominal discharge current-In (15 shocks wave 8 / 20µs): 2.5kA

The buzzer indicates the shutdown of the surge protector.

Average attenuation of the EMI filter according to CISPR 17 (50/50 ohms):

Symmetrical mode:

F(MHz) 0.1

1

10

30

A(dB) 0

10

45

55

Asymmetrical mode:

F(MHz) 0.1

1

10

30

A(dB) 10

35

45

60



Surge protector + filter & French socket outlets



Surge protector + filter & Schuko socket outlets



Designation / Number of socket outlets	Dimensions (mm)	References with French sockets	References with Schuko sockets
Surge protector + filter 6 socket outlets	L 440 x l 44 x h 44	P605605-PE	P607686-PE
Housing equipped with a 44 mm shutter between each socket			
Surge protector + filter 12 socket outlets	L 1232 x l 44 x h 44	P607636	P607693

Characteristics :

- Anodized aluminium body, natural colour, width 44 mm (1 U)
- Power feeding by a 2 m grey cord HO5VVF 3 G 1.5 mm² equipped with a 16A - 250 V grey Franco-German over-moulded plug (FR or Schuko version)
- The mounting tabs for horizontal mounting in the computer rack are only supplied with references in the format 440 m 1 U - 19 "
- French socket outlets with cell shutters or Schuko 16 A - 250 V without cell shutters
- **Special configurations on request**



PULTI CLASSIC accessories

Mounting brackets made of galvanized steel, for a suitable installation

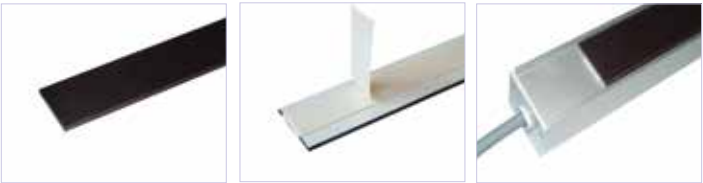
Reference	Description	Material
P127003	2 sliding brackets for wall or chassis mounting	Galvanized steel
P127000	2 mounting brackets for flat mounting	Galvanized steel
P127005	2 mounting brackets for horizontal mounting in computer rack	Galvanized steel
P127035	2 mounting brackets for flat mounting (4 holes)	Galvanized steel



Adhesive magnetic pad

For practical fastening on metal surfaces
1 magnetic side, 1 side with adhesive tape

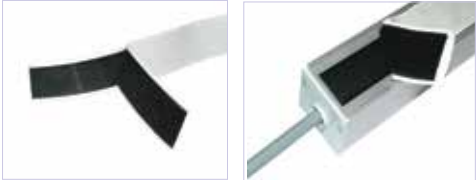
Reference	Description	Dimensions (mm)
BG140039	Adhesive magnetic pad	L 100 x l 35
BG140040	Adhesive magnetic pad	L 160 x l 35
BG140041	Adhesive magnetic pad	L 250 x l 35
BG140042	Adhesive magnetic pad	L 320 x l 35



Velcro adhesive tape

For an efficient use on all types of media.
Sold by the metre

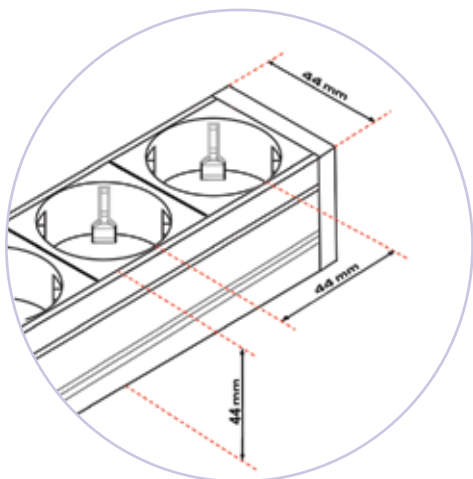
Reference	Description	
P140013	Adhesive velcro tape of 1m	Linear meters



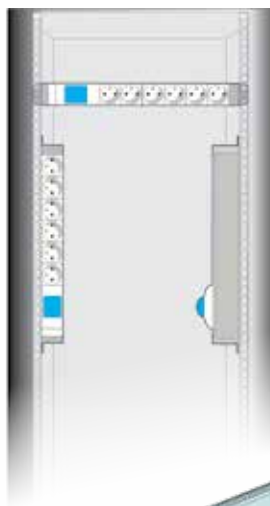
PULTI RACK

PULTI RACK differs from PULTI CLASSIC in its look and in its multi-positioning fastening system.

This range is dedicated to 19" or shorter products.

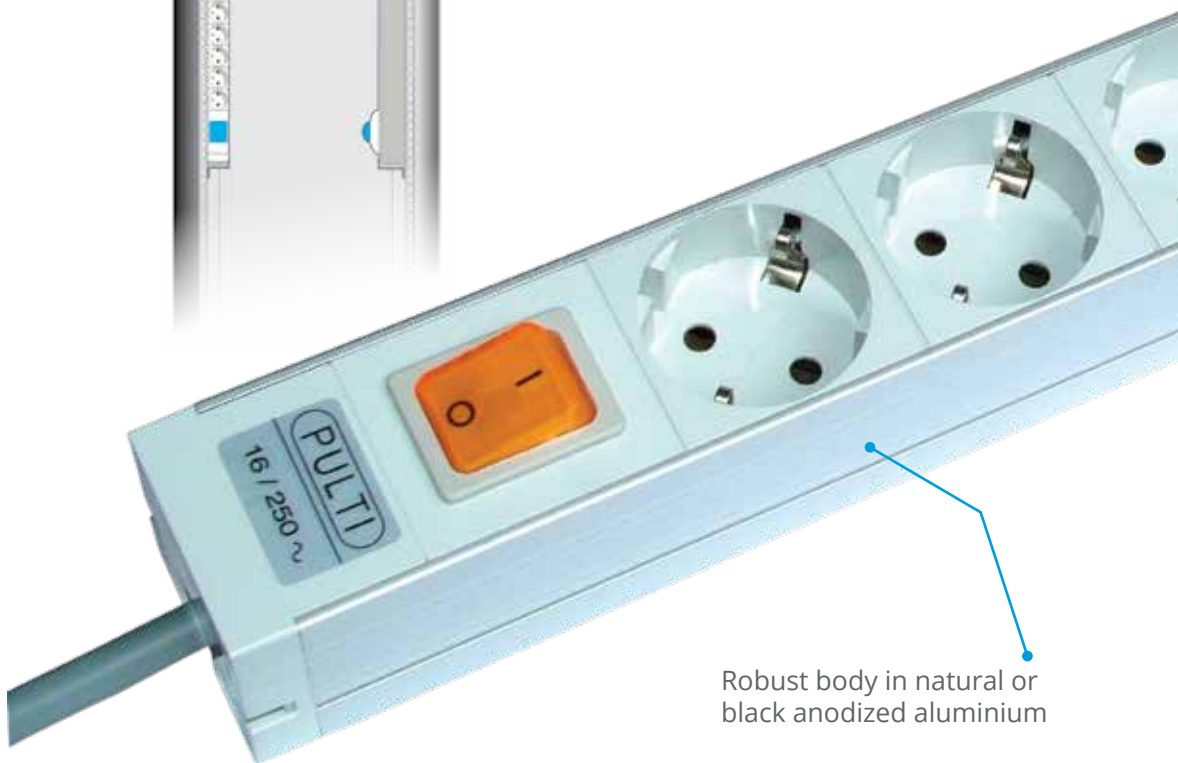


MULTI-POSITION FASTENING SYSTEM



The mounting brackets are directly integrated in the end cap:

- Mounting brackets adjustable in any position and compatible with all types of installation
- Extremity allowing the flap of the cord to facilitate installation in 19"



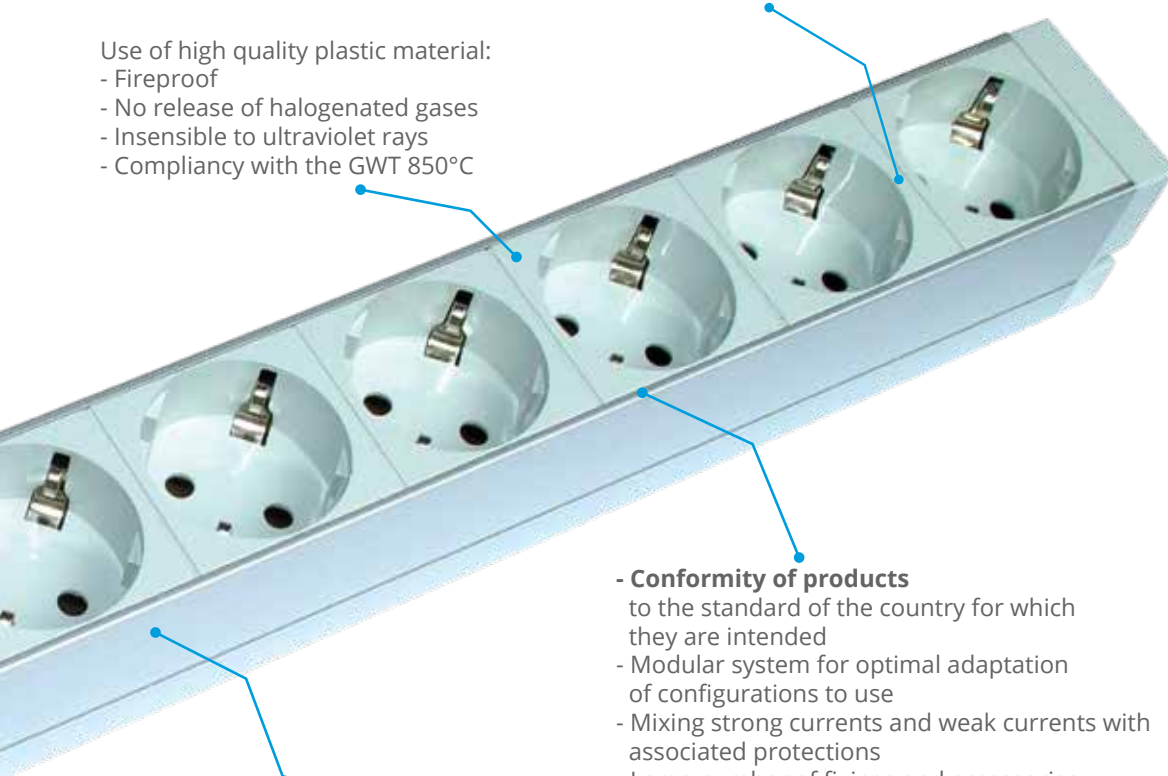
Robust body in natural or black anodized aluminium



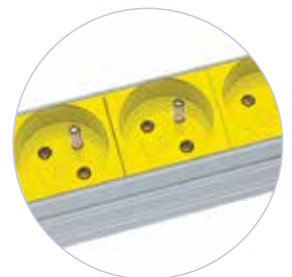
- Natural anodized aluminium profile, or black anodized for audio / video application, data centre, etc.
- Flush outlets for perfect finishing
- Multi-position mounting brackets included
- IEC 320 connectors (C13 and C19) available with locking system
- Wiring of housing by 4 mm² busbar
- 45 ° socket outlet orientation (French & Schuko outlets)
- Special manufacture on request

- Internal connection of socket outlets by double contact bar:
- Large contact area between pin and cell
- High mechanical strength
- Interconnection of socket outlets without resistive discontinuity
- Large number of fixings and accessories

- Use of high quality plastic material:
- Fireproof
 - No release of halogenated gases
 - Insensible to ultraviolet rays
 - Complyancy with the GWT 850°C



MANY OPTIONS AVAILABLE



- **Modern design**
- PULTI designed according to the standard 19"
- Pitch 44 mm in accordance with 1 U, IEC 297-3
- Very small footprint

- **Conformity of products** to the standard of the country for which they are intended
- Modular system for optimal adaptation of configurations to use
- Mixing strong currents and weak currents with associated protections
- Large number of fixings and accessories

System for UPS :

- Genuine lock supporting only the PULTI key
- Opening impossible with a straight tool
- Key complex with helical track
- The mechanism cannot be dismantled

Increased security :

- Adhesive fixed key
- A red circle on the socket outlets makes it possible to immediately identify the secondary network



PULTI RACK with sockets for direct feeding normal network

PULTI without control and without protection



Direct feeding French socket outlets



Direct feeding IEC 320-C13



Direct feeding Schuko socket outlets



Direct feeding IEC 320-C13



Designation / Number of socket outlets	Dimensions (mm)	References with French sockets	References with IEC 320-C13	References with Schuko sockets
Grey socket boxes - colourless anodized aluminium:				
19" Direct feeding 9 socket outlets	L 440 x l 44 x h 44	P620070	P620245	P620001



Black sockets boxes				
19" Direct feeding 9 socket outlets	L 440 x l 44 x h 44	P620353	P621125	P620327

Characteristics :

- Anodized aluminium body, colour : natural or black, width 44 mm (1 U)
- Power feeding by a 2 m cord HO5VVF 3 G 1.5 mm² equipped with a 16A - 250 V Franco-German over moulded plug (FR or Schuko version); cord HO5VVF 3G1mm² with moulded connector C14 (version IEC 320-C13)
- Multi-position mounting brackets are provided systematically with each model
- French socket outlets with cell shutters or Schuko 16 A - 250 V without cell shutters or IEC 320-C13 black 2 poles + earth
- **Special configurations on request**
- **IEC 320 with lock available on request**



PULTI RACK with sockets and bipolar illuminated switch normal network

Control and indication of voltage presence

Position 0 (Off) - I (On) Amber Light



Bipolar illuminated switch with French socket outlets



Bipolar illuminated switch with IEC 320-C13



Bipolar illuminated switch with Schuko socket outlets



Bipolar illuminated switch with IEC 320-C13



Designation / Number of socket outlets	Dimensions (mm)	References with French sockets	References with IEC 320-C13	References with Schuko sockets
Grey socket boxes - colourless anodized aluminium:				
Bipolar illuminated switch 8 socket outlets	L 440 x l 44 x h 44	P620075	P620252	P620017



Black sockets boxes				
Bipolar illuminated switch 8 socket outlets	L 440 x l 44 x h 44	P621039	P621132	P620328

Characteristics :

- Anodized aluminium body, colour: natural or black, width 44 mm (1 U)
- Power feeding by a 2 m cord HO5VVF 3 G 1.5 mm² equipped with a 16A - 250 V g Franco-German over-moulded plug (FR or Schuko version); cord HO5VVF 3G1mm² with moulded connector C14 (version IEC 320-C13)
- Multi-position mounting brackets are provided systematically with each model
- French socket outlets with cell shutters or Schuko 16 A - 250 V without cell shutters or IEC 320-C13 black 2 poles + earth
- IEC 320 with lock available on request
- Special configurations on request



PULTI RACK with sockets for direct feeding and bipolar illuminated switch, UPS Network

PULTI with or without bipolar illuminated switch



Direct feeding French socket outlets



Direct feeding with red French socket outlets



Bipolar illuminated switch with French socket outlets



Bipolar illuminated switch with red French socket outlets



Designation / Number of socket outlets	Dimensions (mm)	References with French sockets	References with a natural coloured housing and red French socket outlets
Direct feeding 9 socket outlets	L 440 x l 44 x h 44	P620152	P622809
Bipolar illuminated switch 8 socket outlets	L 440 x l 44 x h 44	P620153	P623726

Characteristics :

- Anodized aluminium body, colour: natural or black, width 44 mm (1 U)
- Power feeding by a 2 m cord HO5VVF 3 G 1.5 mm² equipped with a 16A - 250 V g Franco-German over-moulded plug (FR or Schuko version); cord HO5VVF 3G1mm² with moulded connector C14 (version IEC 320-C13)
- Multi-position mounting brackets are provided systematically with each model
- French socket outlets with cell shutters or Schuko 16 A - 250 V without cell shutters or IEC 320-C13 black 2 poles + earth
- IEC 320 with lock available on request
- ***Adhesive keys provided**
- **Special configurations on request**



***Adhesive keys**



PULTI RACK with sockets and 10 A or 16 A-30 mA RCBO normal network

Protection against overloads, short circuits and current imbalances

Single pole RCBO 10 A -30 mA and 16 A - 30 mA Type AC Curve «C»,
breaking capacity of 4500 A according to NF EN 60898 and 6000 A according to IEC 947-2



RCBO 16 A - 30 mA + French socket outlets



RCBO 10 A - 30 mA + IEC 320-C13



RCBO 16 A - 30 mA + Schuko socket outlets



RCBO 10 A - 30 mA + IEC 320-C13



Designation / Number of socket outlets	Dimensions (mm)	References with French sockets	References with IEC 320-C13	References with Schuko sockets
Grey socket boxes - colourless anodized aluminium :				
19" RCBO 6 socket outlets	L 440 x l 44 x h 44	P620055	P621147	P620118



Black sockets boxes				
19" RCBO 6 socket outlets	L 440 x l 44 x h 44	P621173	P621150	P621103

Characteristics :

- Anodized aluminium body, colour: natural or black, width 44 mm (1 U)
- Power feeding by a 2 m cord HO5VVF 3 G 1.5 mm² equipped with a 16A - 250 V Franco-German over-moulded plug (FR or Schuko version); cord HO5VVF 3G1mm² with moulded connector C14 (version IEC 320-C13)
- Multi-position mounting brackets are provided systematically with each model
- French socket outlets with cell shutters or Schuko 16 A - 250 V without cell shutters or IEC 320-C13 black 2 poles + earth
- IEC 320 with lock available on request
- Special configurations on request



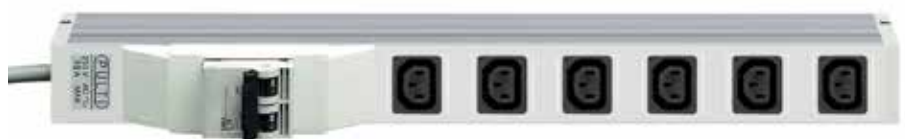
PULTI RACK with sockets and 10A or 16A thermomagnetic circuit-breaker - normal network

Overload and short circuit protection

10A and 16A bipolar magneto-thermic circuit breaker «C» curve, breaking capacity of 6kA according to NF EN 60898 and 20kA according to NF EN 60947-2



Thermomagnetic circuit breaker 16A + French socket outlets



Thermomagnetic circuit breaker 10A + IEC 320-C13



Thermomagnetic circuit breaker 16A + Schuko socket outlets



Thermomagnetic circuit breaker 10A + IEC 320-C13



Designation / Number of socket outlets	Dimensions (mm)	References with French sockets	References with IEC 320-C13	References with Schuko sockets
Grey socket boxes - colourless anodized aluminium:				
Thermomagnetic circuit breaker 6 socket outlets	L 440 x l 44 x h 44	P620056	P621141	P620087



Black sockets boxes				
Thermomagnetic circuit breaker 6 socket outlets	L 440 x l 44 x h 44	P621053	P621144	P620349

Characteristics :

- Anodized aluminium body, colour: natural or black, width 44 mm (1 U)
- Power feeding by a 2 m cord HO5VVF 3 G 1.5 mm² equipped with a 16A - 250 V Franco-German over-moulded plug ; cord HO5 VVF 3G1mm² with a moulded C14 connector (version IEC 320 - C13)
- Multi-position mounting brackets are provided systematically with each model
- French socket outlets with cell shutters or Schuko 16 A - 250 V without cell shutters or IEC 320-C13 black 2 poles + earth
- **IEC 320 with lock available on request**
- **Special configurations on request**



PULTI RACK with sockets and energy meter

normal network

Measurement of the energy consumed

Voltage (1 single phase of measurement in 230V AC 50Hz)
 Maximum intensity 32A
 Active power in KW
 Energy in KWh
 Frequency in Hz
 Phase shift in degrees
 Reset button
 LCD screen display
 The energy meter turned off, the energy value will remain stored

NEW



With energy meter and French socket outlets



With energy meter and IEC 320-C13



With energy meter and Schuko socket outlets



Designation / Number of socket outlets	Dimensions (mm)	References with French sockets	References with IEC 320-C13	References with Schuko sockets
Grey socket boxes - colourless anodized aluminium:				
Energy meter 7 socket outlets	L 440 x l 44 x h 44	P620764	P623523	P623403



Black sockets boxes				
Energy meter 7 socket outlets	L 440 x l 44 x h 44	P623521	P623524	P623522

Characteristics :

- Anodized aluminium body, colour: natural or black, width 44 mm (1 U)
- Power feeding by a 2 m cord HO5VVF 3 G 1.5 mm² equipped with a 16A - 250 V Franco-German over-moulded plug ; cord HO5 VVF 3G1mm² with a moulded C14 connector (version IEC 320 - C13)
- Multi-position mounting brackets are provided systematically with each model
- French socket outlets with cell shutters or Schuko 16 A - 250 V without cell shutters or IEC 320-C13 black 2 poles + earth
- IEC 320 with lock available on request
- Special configurations on request



PULTI RACK accessories

Fixation brackets made of polycarbonate or white galvanized steel, for a practical and adjustable installation in 4 directions. As a reminder, PULTI RACK PDUs are always supplied with mounting brackets P127024-RAL7035.

Reference	CC	Description	Material
P127024	7035	2 mounting brackets for multi-position mounting	Grey ABS
P127031		2 mounting brackets for multi-position mounting	Black ABS
P127034		2 mounting brackets for vertical mounting	Galvanized steel
P127046		2 mounting brackets for front mounting	Stainless steel



P127024



P127031



P127034



P127046



Adhesive magnetic pad

For practical fastening on metal surfaces
1 magnetic side, 1 side with adhesive tape



Reference	Description	Dimensions (mm)
BG140039	Adhesive magnetic pad	L 100 x l 35
BG140040	Adhesive magnetic pad	L 160 x l 35
BG140041	Adhesive magnetic pad	L 250 x l 35
BG140042	Adhesive magnetic pad	L 320 x l 35

Velcro adhesive tape

For an efficient use on all types of media.
Sold by the metre.



Reference	Description	
P140013	Adhesive velcro tape of 1m	Linear metre



PULTI IP MONITORING

PULTI IP SWITCHER



PULTI IP ENVIRONMENTAL MONITORING



PULTI POWER DISTRIBUTION UNIT



PULTI I.P. Monitoring

Remote monitoring of electrical information

Concept:

- . Supervision of the power (kWh, Watts, Volts, Amps ...)
- . Establishment of alarm thresholds for remote monitoring and increased security

Application:

- . Electrical measurement of the PDU: total PDU, per phase, per connector (depending on model).
- . Secure transmission of information with different user levels and passwords, user-friendly interface.
- . Real-time alarm supervision (SNMP traps, emails, ...) of electrical variations and environmental conditions.

The new upgradeable PULTI Monitoring PDUs use the Rapid Spanning Tree Protocol (RSTP), which links products together and creates a loop (the last PDU in the chain is connected to the switch). Thanks to the RSTP * protocol, the loop does not cause any communication fault. By combining the RSTP protocol and a loop PDU connection, there is no single point of failure, but a redundant network connection to each of the IP PDUs.

The upgradeable PULTI Monitoring has a removable IP module, which allows an evolution in the PDU over time: you can thus benefit from technological advances tomorrow without having to replace the entire PDU.

Thanks to its hot-swappable IP module, you will not experience power interruption to the PDU if the module is replaced.

Most of the upgradeable PULTI Monitoring PDUs have an external

sensor support to combine monitoring of the rack environment with power monitoring. The support allows the use of a splitter, which allows to connect up to 16 external probes (depending on the model)..

With upgradeable PDUs, recessed breakers help you save space in the rack.

A scrolling LED screen allows you to read power information even in dark environments.

*Using the RSTP protocol may require additional configuration of the network or switch.

New: on simple request, we can offer you coloured frames



PULTI IP Monitoring - Single-phase 16A

PDU for remote measurement and monitoring of electrical information

Concept:

PDU for powering and monitoring the used electrical information of connected equipment.
Measured information: kWh, Watts, Amperes, Volts, Volt-amperes, Power Factor.

Common features:

- Black steel products
- IEC connectors with locking system
- Digital screen
- Reset button
- Mounting brackets adapted to the format

Supported protocols and data format:

P850662, P850667, P850658 : HTTP, HTTPS (TLS 1.2), SMTP, SMTPS (TLS 1.2), ICMP, DHCP, IPv4, IPv6, Syslog, SNMP v1/v2/v3, JSON, JSON API, RSTP.

P850708 : DHCP, HTTP, HTTPS, IPv4, IPv6, LDAP, NTP, RSTP, SSH, SMTP, SNMP (v1/v2c/v3), Syslog, CSV datalog, JSON API, JSON datalog.



Face

Ref.P850667



Back

19"

Reference	Dimensions (mm)	Level of supervision	Upgradeable product	IEC 320 connectors	Additional Information
P850662	44 x 432 x 216	Total PDU	Yes	10 C13	Power supply via C20 connector , 1 support for external sensor
P850667	44 x 432 x 216	Total PDU	Yes	10 C13	Power supply via 3m power cord, IEC60309 2P + E plug
P850658	1683 X 51 X 51	Total PDU	Yes	20 C13 + 6 C19	Power supply via 3m power cord, IEC60309 2P + E plug 1 support for external sensor
P850708	1683 x 51 x 66	By connector	Yes	18 C13 + 6 C19	Power supply via 3m power cord, IEC60309 2P + E plug 1 support for external sensors

PULTI IP Monitoring - Single-phase 32A

PDU for remote measurement and monitoring of electrical information

Concept :

PDU for powering and monitoring the electrical information of connected equipment.

Measured information: kWh, Watts, Amperes, Volts, Volt-amperes, Power Factor.

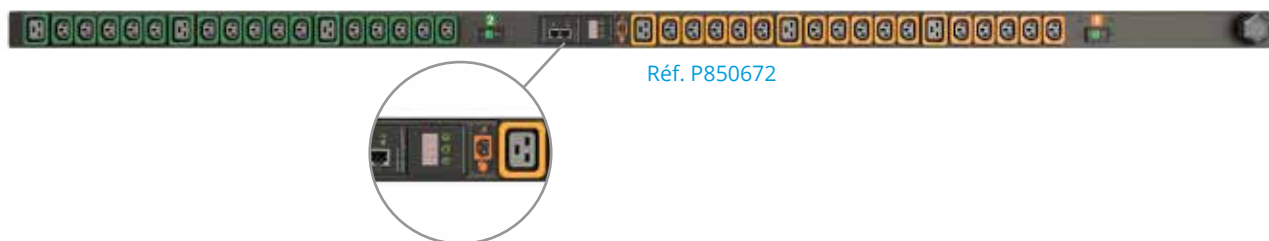
Common features:

- Black steel products
- IEC connectors with locking system
- Digital screen
- Reset button
- Mounting brackets adapted to the format

Supported protocols and data format:

P850668, P850669, P850672 : HTTP, HTTPS (TLS 1.2), SMTP, SMTPS (TLS 1.2), ICMP, DHCP, IPv4, IPv6, Syslog, SNMP v1/v2/v3, JSON, JSON API, RSTP.

P850707 : DHCP, HTTP, HTTPS, IPv4, IPv6, LDAP, NTP, RSTP, SSH, SMTP, SNMP (v1/v2c/v3), Syslog, CSV datalog, JSON API, JSON datalog.



Reference	Dimensions (mm)	Level of supervision	Upgradeable-product	IEC 320 connectors	Additional Information
P850668	44 x 432 x 216	By circuit	Yes	10 C13	Power supply via 3m power cord, IEC60309 2P + E plug
P850669	44 x 432 x 216	By circuit	Yes	4 C13 4 C19	Power supply via 3m power cord, IEC60309 2P + E plug
P850672	1829 X 51 X 51	By circuit	Yes	30 C13 6 C19	Power supply via 3m power cord, IEC60309 2P + E plug
P850707	1683 x 51 x 66	By connector	Yes	18 C13 6 C19	Power supply via 3m power cord, IEC60309 2P + E plug 1 support for external sensors

19"



PULTI IP Monitoring - Three-phase 16A

PDU for remote measurement and monitoring of electrical information

Concept :

PDU for powering and monitoring the electrical information of connected equipment.
Measured information: kWh, Watts, Amperes, Volts, Volt-amperes, Power Factor.

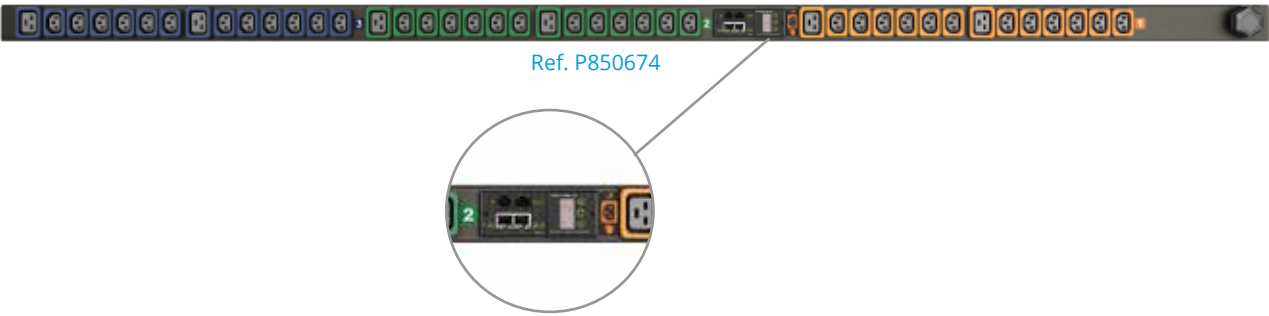
Common features:

- Black steel products
- IEC connectors with locking system
- Digital screen
- Reset button
- Mounting brackets adapted to the format

Supported protocols and data format:

P850670, P850674 : HTTP, HTTPS (TLS 1.2), SMTP, SMTPS (TLS 1.2), ICMP, DHCP, IPv4, IPv6, Syslog, SNMP v1/v2/v3, JSON, JSON API, RSTP.

P850706 : DHCP, HTTP, HTTPS, IPv4, IPv6, LDAP, NTP, RSTP, SSH, SMTP, SNMP (v1/v2c/v3), Syslog, CSV datalog, JSON API, JSON datalog.



Reference	Dimensions (mm)	Level of supervision	Upgradeable product	IEC 320 connectors	Additional Information
<div>19"</div> P850670	44 x 432 x 216	By phase	Yes	6 C13 3 C19	Power supply via 3m power cord, IEC60309 3P + N + E plug
P850674	1829 x 51 x 51	By phase	Yes	36 C13 6 C19	Power supply via 3m power cord, IEC60309 3P + N + E plug 1 support for external sensors
P850706	1683 X 51 X 66	By connector	Yes	21 C13 3 C19	Power supply via 3m power cord, IEC60309 3P + N + E plug 1 support for external sensors

PULTI IP Monitoring - Three-phase 32A

PDU for remote measurement and monitoring of electrical information

Concept :

PDU for powering and monitoring the used electrical information of connected equipment.
Measured information: kWh, Watts, Amperes, Volts, Volt-amperes, Power Factor.

Common features:

- Black steel products
- IEC connectors with locking system
- Digital screen
- Reset button
- Mounting brackets adapted to the format

Supported protocols and data format:

P850671, P850673: HTTP, HTTPS (TLS 1.2), SMTP, SMTPS (TLS 1.2), ICMP, DHCP, IPv4, IPv6, Syslog, SNMP v1/v2/v3, JSON, JSON API, RSTP.

P850705 : DHCP, HTTP, HTTPS, IPv4, IPv6, LDAP, NTP, RSTP, SSH, SMTP, SNMP (v1/v2c/v3), Syslog, CSV datalog, JSON API, JSON datalog.



Face

Ref. P850671



Back

19"

Reference	Dimensions (mm)	Level of supervision	Upgradeable product	IEC 320 connectors	Additional Information
P850671	44 x 432 x 216	By phase	Yes	6 C19	Power supply via 3m power cord, IEC60309 3P + N + E plug
P850673	1905 x 89 x 51	By phase	Yes	36 C13 6 C19	Power supply via 3m power cord, IEC60309 3P + N + E plug 1 support for external sensors
P850705	1829 X 51 X 66	By connector	Yes	24 C13 12 C19	Power supply via 3m power cord, IEC60309 3P + N + E plug 1 support for external sensors

PULTI IP MONITOR

PULTI IP SWITCHER



PULTI IP ENVIRONMENTAL MONITORING



PULTI POWER DISTRIBUTION UNIT



PULTI IP Switcher

Supervision of electrical information and remote control (on/off)

Concept :

Individual ON / OFF remote control of power outlets,

- Possibility of sequential start.
- Supervision of the power (kWh, Watts, Volts, Amps ...) consumed by the equipment.
- Establishment of alarm thresholds for remote monitoring and increased security.

Application :

- Remote power on / off of devices, reboot of servers.
- Secure transmission of information with different user levels and passwords, user-friendly interface easy to use and set up.
- Real-time supervision of alarms (SNMP traps, e-mails, ...) electrical variations and environmental conditions.

Product Information:

The PULTI IP SWITCHER range consists of a set of PDUs that can be remotely controlled and provide information for the continuous monitoring of the electrical and environmental conditions of the racks in which they are installed.

Supported protocols and data format:

DHCP, HTTP, HTTPS, IPv4, IPv6, LDAP, NTP, RSTP, SSH, SMTP, SNMP (v1/v2c/v3), Syslog, CSV datalog, JSON API, JSON datalog.

New: upgradeable products

The new upgradeable PULTI Switcher PDUs use the Rapid Spanning Tree Protocol (RSTP), which links products together and creates a loop (the last PDU in the chain is connected to the switch). Thanks to the RSTP * protocol, the loop does not cause any communication fault. By combining the RSTP protocol and a loop PDU connection, there is no single point of failure, but a redundant network connection to each of the IP PDUs.

The upgradeable PULTI Switcher has a removable IP module, which allows an evolution in the PDU over time: you can thus benefit from technological advances tomorrow without having to replace the entire PDU.

Thanks to its hot-swappable IP module, you will not experience power interruption to the PDU if the module is replaced.

Most of the upgradeable PULTI Switcher PDUs have an external sensor support

to combine monitoring of the rack environment with power monitoring. The support allows the use of a splitter, which allows to connect up to 16 external probes (depending on the model).

With upgradeable PDUs, recessed breakers help you save space in the rack.

A scrolling LED screen allows you to read power information even in dark environments.

New: on simple request, we can offer you coloured frames



PULTI IP Switcher - Single-phase 16A and 32A

Supervision of electrical information and remote control (on/off)

Concept :

PDU powers and monitors the electrical information of connected equipment and controls the socket outlets individually

Measured information:

kWh, Watts, Amperes, Volts, Volt-amperes, Power Factor.

Common features:

- Black steel products
- IEC connectors with locking system
- Digital screen
- Reset button
- Mounting brackets adapted to the format



Reference	Dimensions (mm)	Level of supervision	Upgradable product	Intensity	Level of control	IEC 320 connectors	Additional Information
P850698	1683 x 51 x 66	Total PDU	Yes	16A	By connector	21 C13 3 C19	Power supply via 3m power cord, IEC60309 2P + E plug 1 support for external sensors
P850702	1683 X 51 X 66	By connector	Yes	16A	By connector	21 C13 3 C19	Power supply via 3m power cord, IEC60309 2P + E plug 1 support for external sensors
P850699	1683 x 51 x 66	Total PDU	Yes	32A	By connector	20 C13 4 C19	Power supply via 3m power cord, IEC60309 2P 1 support for external sensors
P850697	1683 X 51 x 66	By connector	Yes	32A	By connector	20 C13 4 C19	Power supply via 3m power cord, IEC60309 2P 1 support for external sensors

PULTI IP Switcher - Three-phase 16A and 32A

Supervision of electrical information and remote control (on/off)

Concept :

PDU powers and monitors the electrical information of connected equipment and controls the socket outlets individually

Measured information:

kWh, Watts, Amperes, Volts, Volt-amperes, Power Factor.

Common features:

- Black steel products
- IEC connectors with locking system
- Digital screen
- Reset button
- Mounting brackets adapted to the format



Ref. P850701

Reference	Dimensions (mm)	Level of supervision	Upgradable product	Intensity	Level of control	IEC 320 connectors	Additional Information
P850703	1683 x 51 x 66	By phase	Yes	16A	By connector	21 C13 3 C19	Power supply via 3m power cord, IEC60309 3P+N+E plug 1 support for external sensors
P850700	1683 x 51 x 66	By connector	Yes	16A	By connector	21 C13 3 C19	Power supply via 3m power cord, IEC60309 3P+N+E plug 1 support for external sensors
P850701	1829 x 51 x 66	By phase	Yes	32A	By connector	21 C13 3 C19	Power supply via 3m power cord, IEC60309 3P+N+E plug 1 support for external sensors
P850704	1829 x 51 x 66	By connector	Yes	32A	By connector	21 C13 3 C19	Power supply via 3m power cord, IEC60309 3P+N+E plug 1 support for external sensors



PULTI IP MONITORING

PULTI IP SWITCHER



PULTI IP ENVIRONMENTAL MONITORING



PULTI POWER DISTRIBUTION UNIT



PULTI IP Environmental monitoring

Monitoring the rack environment remotely

Concept :

- Monitoring the equipment environment in the computer data centres, in order to prevent a faulty use related to external events.
- Supervision of environmental information managed by sensors (temperature, humidity, ventilation level, door opening ...).
- Establishment of alarm thresholds for increased security.

Application :

- Possibility of connecting different elements (sensors) on housings of different formats adapted to the specific needs of each installation.
- Transmission of secure information (access by user level and password) through a simple user interface.
- Triggering alarm thresholds in the form of SNMP traps or sending mails.

Product Information :

PULTI IP Environmental Monitoring products enable the monitoring and setting up of alarms when critical thresholds related to the data centre environment are reached.

They allow connection to a web interface that generates graphs for easier monitoring of environmental conditions.



PULTI IP Environmental monitoring - mini

For monitoring the environmental information of the rack

The PULTI IP ENVIRONMENTAL MONITORING MINI is a lightweight, self-contained housing for environmental monitoring. With its embedded sensors, you will have tools for monitoring temperature, humidity and dew point, and you can add up to 4 external sensors.

Concept :

Monitor items related to the environment of the rack and Data Centre.

Establishment of alarm thresholds in the event of reaching critical thresholds and access by user level.

Application :

The data is collected in real time and allows the construction of graphics.
Other applications: e-mail and e-mail-to-SMS alerts, escalation of alarms, interface with IP surveillance cameras, possibility to name the sensors, reset button.

Supported protocols and data format:

SNMP (v1 / v2 / v3),

Cryptage via TLS/SSL.



Réf. P850663

Reference	Dimensions (mm)	Embedded sensors	External sensors	power supply
P850663	132.6 x 43.7 x 32.7	<ul style="list-style-type: none">- Temperature (-20 ° C to + 85 ° C)- Relative humidity (0 to 100 HR)- Dew point (calculated on previous data)	2 ports for external sensors (probes) Max capacity 4 probes (using a splitter)	6-12 VDC input With universal plug extension
P850664	132.6 x 43.7 x 32.7	<ul style="list-style-type: none">- Temperature (-20 ° C to + 85 ° C)- Relative humidity (0 to 100 RH)- Dew point (calculated on previous data)	2 ports for external sensors (probes) Max capacity 4 probes (using a splitter)	6-12 VDC input With universal plug extension + possible power supply via Ethernet connection cable (Power over Ethernet)

PULTI IP Environmental monitoring - 19"

For monitoring the environmental information of the rack

The PULTI IP ENVIRONMENTAL MONITORING 19 " is an autonomous unit for environmental monitoring of racks.

Accessible via the web, the device includes:

- . 1 on-board sensor temperature, humidity, dew point
- . 4 ports for analogical sensors 0 to 5 VDC or dry contact
- . 1 plug & play port supporting up to 4 sensors in chaining or with a splitter
- . Multi level alarms with escalation
- . Notices sent by e-mail, email-to-SMS and SNMP
- . View images of surveillance cameras.
- . Password protected access (3 levels of access)

The data is collected in real time and allows the construction of graphics.

- . Reset button

Supported protocols and data format:

SNMP (v1 / v2c / v3), CSV & JSON. Encryption via TLS / SSL.



Réf. 850666

Reference	Dimensions (mm)	Embedded sensors	power supply
P850665	216 x 63.5 x 28.7 Mounting brackets for 19" mounting included	- Temperature (-20 ° C to + 85 ° C) - Relative humidity (0 to 100 HR) - Dew point (calculated on previous data)	6-12 VDC input With universal plug extension
P850666	216 x 63.5 x 28.7 Mounting brackets for 19" mounting included	- Temperature (-20 ° C to + 85 ° C) - Relative humidity (0 to 100 HR) - Dew point (calculated on previous data)	6-12 VDC input With universal plug extension + possible power supply via Ethernet connection cable (Power over Ethernet)



ACCESSORIES : external sensors

Opening or closing door controller (magnetic sensor)

Works on dry contact.

Use: to know if a door is open or closed.

Alarm reception via e-mail or SNMP if a secure rack is open.



Reference	Description	Dimension (metres)
A0140037	Door opening / closing sensor	9
A0140038	Door opening / closing sensor	30

Fluid detector

Works on dry contact.

Detects the presence of fluid.

Alarm reception via e-mail or SNMP if the sensor is wet.



Reference	Description	Dimension (metres)
A0220121	Fluid detector	4.5

Temperature probe

Works on RJ12 connector.

Measures temperature from -55 ° C to + 125 ° C
(accuracy +/- 0.5 ° C between -10 ° C and + 85 ° C).

Alarm reception via e-mail or SNMP.



Reference	Description	Dimension (metres)
A0105022	Temperature sensor	3.5
A0105023	Temperature sensor	15
A0105024	Temperature sensor	30

ACCESSORIES : external sensors

Temperature, air, humidity and dew point probe

Works on RJ12 connector.

Measures temperature from -40 ° C to + 85 ° C (accuracy +/- 0.5 ° C between + 5 ° C and + 60 ° C). Humidity measurement from 0% to 100% relative humidity (+/- 2% accuracy between 20% and 80% RH at 25 ° C).

Calculation of the dew point between -40 ° C and + 85 ° C.

Air flow: 0 to 100 (relative value).

Alarm reception via e-mail or SNMP.



Reference	Description	Dimension (meters)
A0105028	Temperature, air, humidity and dew point sensor	3.5
A0105029	Temperature, air, humidity and dew point sensor	15
A0105030	Temperature, air, humidity and dew point sensor	30

Analogical to digital converter

The module allows to connect an analogical sensor (dry contact) to a digital port (RJ12).

Compatible with :

PULTI ENVIRONMENTAL MONITORING MINI and 19 " and PULTI IP MONITORING (except monitoring by connector models)

Input voltage: 0-10VDC, 4-20mA or dry contact.

Operating temperature: -20 ° C to + 75 ° C.

Operating temperature: -20 ° C to + 75 ° C.



Reference	Description	Dimensions (mm)
A0072210	Analogical to digital converter, including one 3m power cable	57,15 x 27,20 x 23,49

5 ports RJ12 Splitter

The RJ12 splitter provides 5 additional ports for external sensors.

Chaining possible up to 16 sensors.



Reference	Description	Dimensions (mm)
A0072205	5 ports RJ12 splitter	1,20



PULTI IP MONITORING



PULTI IP SWITCHER



PULTI IP ENVIRONMENTAL MONITORING



PULTI POWER DISTRIBUTION UNIT



PULTI Power Distribution Unit

Adapted energy distribution units

Concept:

The PDUs allow a secure power supply of computer equipment in 1U 19" as well as 0U format

Application:

- . High modularity and wide choice of sockets (IEC 320-C13, IEC 320-C19, French, Schuko socket outlets ...)
- . Adaptation of the protections (circuit breakers, surge arrester, EMI filter, energy meter ...) according to requirements
- . Configurable products according to the specific needs of the user customers: functions for information, protection and control of equipment

Note: the products mentioned on the following pages are examples of our production possibilities. Please contact us for personalized products.

Product Information:

ELECTRICAL QUALITY, FOR INCREASED RELIABILITY AND SAFETY

Internal connection of socket outlets by double contact bar (French, Schuko and Swiss socket outlets):

- . Section of 4 mm²
- . Large contact area between pin and cell
- . High mechanical strength
- . Interconnection of socket outlets without resistive discontinuity

STANDARD 19 " AND ERGONOMICS

- . Strip designed according to standard 19 "
- . 44 mm pitch in accordance with 1 U, IEC 297-3 (NF C 20-152)
- . Body in black or natural anodized aluminium
- . Very small footprint
- . Socket outlet orientation at 45 ° (UTE, Schuko)

SAFETY FACTOR

- . Conformity of products to the standard of the country for which they are intended.
- . Use of high quality plastic material: fireproof, without release of halogenated gases, insensitive to ultraviolet rays.
- . Temperature resistance of 850 ° C

PERFECT ADAPTATION TO NEEDS

- . Modular system for optimal adaptation of configurations
- . Mixing of strong currents and weak currents with associated protections
- . Large number of mounting brackets and accessories



PDU without protection

PDU 16A

CONCEPT :
PDU allows a secure power supply
for IT equipment



Reference	Description	Dimensions (mm)
P620918	<ul style="list-style-type: none">- PULTI RACK profile in black anodized aluminium for 19 " mounting, width 1U, 44mm- 1 black cord HO5 VVF 3G2.5 mm² of 2m, with black 16A 250V IEC 320 C20 plug- 1 black end cap equipped with a rubber-grommet- 12 connectors IEC 320-C13, 2 P + E 10A 250V on black cover- 1 smooth black end cap- 1 set of multi-directional mounting brackets	L 440 x l 44 x h 44

PDU 16A

CONCEPT :
PDU allows a secure power supply
for IT equipment



Reference	Description	Dimensions (mm)
P620919	<ul style="list-style-type: none">- PULTI RACK profile in black anodized aluminium for 19 " mounting, width 1U, 44mm- 1 black cord HO5 VVF 3G1.5 mm² of 2m, with over-moulded black 16A 250V Franco-German plug- 1 black end cap equipped with a cable clamp- 9 IEC 320 connectors - C19 2P + E 16A 250V on black front plates- 1 black smooth end cap- 1 set of multidirectional mounting brackets	L 440 x l 44 x h 44



PDU without protection

CONCEPT :
PDU allows a secure power supply of IT equipment and mechanical retention of connected connectors

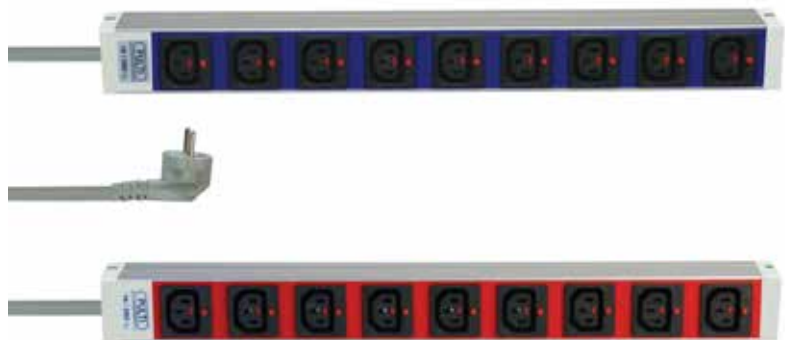


PDU 10A

19"

Reference	Description	Dimensions mm)
P623402	PULTI RACK profile in black anodized aluminium for 19" mounting, width 1U, 44mm - 1 grey cord HO5 VVF 3G1 mm² of 2m, IEC 320 C14 10A 250V plug - 1 black end cap equipped with a cable clamp - 9 connectors IEC 320-C13, 2 P + E 10A 250V with locking system on black front plates - 1 smooth black end cap - 1 set of multi-directional mounting brackets	L 440 x l 44 x h 44

CONCEPT :
PDU allows a power supply of IT equipment and mechanical retention of connected connectors.
The colour is intended to identify the circuit.



PDU 16A

19"

Reference	Description	Front plates colour	Dimension (mm)
P623389	PULTI RACK in natural anodized aluminium for 19» mounting, width 1U, 44mm - 1 grey cord HO5 VVF 3G1.5mm² of 2m, with over-moulded 16A 250V Franco-German plug - end cap with cable clamp	Blue	L 440 x l 44 x h 44
P623390	- 9 connectors IEC 320-C13, 2P+E 10A 250V with locking system - smooth end cap - 1 set of multi-directional mounting brackets	Red	L 440 x l 44 x h 44

PDU without protection

THREE-PHASE 16A PDU



CONCEPT :
PDU allows a secure power supply of IT equipment, phase identification by colour.

Reference	Description	Dimensions (mm)
P606472	<div>PULTI CLASSIC profile in black anodized aluminium, width, 44mm</div> <div>- 1 HO5 VVF 5G2,5mm² cord of 2m, IEC 309 plug 3P + N + E 16A 380V</div> <div>- PHASE 1: 4 IEC 320-C13 connectors, 2 P + E 10A 250V on grey front plate</div> <div>- PHASE 2: 4 IEC 320-C13 connectors, 2 P + E 10A 250V on black front plate</div> <div>- PHASE 3: 4 IEC 320-C13 connectors, 2 P + E 10A 250V on red front plate</div> <div>- 1 set of mounting brackets for vertical mounting</div>	L704 x l 44 x h 44

PDU with protection

SINGLE PHASE 32A PDU



CONCEPT :
PDU allows a secure power supply of IT equipment.

Reference	Description	Dimensions (mm)
P630619	<div>PDU PULTI 32A</div> <div>PULTI TECHNIC profile in natural anodized aluminium for vertical fixing, width, 44mm</div> <div>- 1 HO7 RNF 3G6mm² cord of 3m, IEC309 32A 250V plug</div> <div>- 2X16A unipolar magneto-thermic circuit breakers</div> <div>- 24 connectors IEC320 C13 2P + E 10A 230V</div> <div>- 6 connectors IEC320 C19 2P + E 16A 230V</div> <div>- 1 set of mounting brackets for vertical mounting</div>	L1254 x l44 x h56



PDU with protections

SINGLE-PHASE 32A PDU BOOST



CONCEPT :
PDU allows a power supply of IT equipments.
Colours are intended to identify the circuits.



Reference	Description	Dimensions (mm)
BAL32M002	<p>PDU BOOST 32A</p> <p>Natural coloured aluminium housing for vertical mounting</p> <ul style="list-style-type: none">- HO7 RNF 3G4mm² power cord, length 3m,IEC309 32A 250V plug- end cap with cable gland- 2 circuits, each one including : 1 magnetothermic circuit breaker 1P+N 16A with cover, 14 connectors IEC 320C13 2P+E 10A 250V, 2 connectors IEC 320 C19 2P+E 16A 250V- 1 set of fixation brackets for vertical mounting	L 1763x l60 x h65

THREE-PHASE 32A PDU with 3 energy meters



CONCEPT :
PDU allows a secure power supply of the computer equipment, each phase is equipped with an energy meter allowing to control in situ the electrical data, including the cumulated energy. The energy meter measures voltage (V), current (A), active power (kW), energy (kWh), frequency (Hz) and phase shift in degrees. It is equipped with a reset button, and the display of data is done on LCD screen. When the energy meter is turned off, the energy value will remain stored.

Reference	Description	Dimensions (mm)
P630443-1 (red)	<p>PULTI TECHNIC profile in anodised aluminium</p> <ul style="list-style-type: none">- 1 black cord HO7 5G6mm² length 2m equipped with a plug IEC309 32A 380V- Phase 1: 2 x 16A unipolar magneto-thermic circuit breakers with protective cover + 1 energy meter + 7 French 16A 230V sockets	L1738 x l44 x h56
P630444-1 (blue)	<ul style="list-style-type: none">- Phase 2: 2 x 16A unipolar magneto-thermic circuit breakers with protective cover + 1 energy meter + 7 French 16A 230V sockets- Phase 3: 2 x 16A unipolar magneto-thermic circuit breakers with protective cover + 1 energy meter + 7 French 16A 230V sockets- 1 set of mounting brackets for vertical mounting	

PDU with protections

THREE-PHASE 32A PDU BOOST



CONCEPT :
PDU allows a power supply of IT equipments.
Colours are intended to identify the phases.



Reference	Description	Dimensions (mm)
BAL32T004	<p>PDU BOOST 32A</p> <p>Natural coloured anodised aluminium housing for vertical mounting</p> <ul style="list-style-type: none">- HO7 RNF 5G4mm² power cable, length 3m,IEC309 32A 380V plug- End cap with cable gland- Each phase including : 1 magnetothermic circuit breaker 1P+N with cover, 5 connectors IEC320 C13 2P+E 10A 250V, 4 connectors IEC320 C19 2P+E 16A 250V- Phase 1 : blue / Phase 2 : red / Phase 3 : black- 1 set of fixation brackets for vertical mounting	L 1695x l 60x h 65

THREE-PHASE 32A PDU BOOST



BAL32A000 (red)



BAL32A001 (blue)

CONCEPT :
PDU allows a power supply of IT equipment and mechanical retention of connected connectors.
The colour is intended to identify the circuit.

Reference	Description	Colour	Dimension (mm)
BAL32T000	<p>PDU BOOST 32A</p> <p>Natural anodized aluminium profile for vertical mounting.</p> <ul style="list-style-type: none">- HO7 RNF 5G6 2m Cable, IEC309 32A 380V Plug- End cap with cable gland- per phase: 2 x16A unipolar magneto-thermic circuit breakers with cover,3 connectors IEC320 C19 2P + E 16A 230V with locking system,8 connectors IEC320 C13 2P + E 10A 230V with locking system- 1 set of mounting brackets for vertical mounting	Red	L 1888x l60 x h65
BAL32T001		Blue	L 1888x l60 x h65



PDU auto switch charge transfer function

AUTO TRANSFER SWITCH 16A



CONCEPT :

- Automatic switching of the power supply from the standard mains to the emergency power supply during a power failure
- The return to the original feed is done automatically during the recovery of the sector
- The equipment connected to the output is permanently supplied by one or the other of the sources of electrical power

19"

Reference	Description	Dimensions (mm)
P620925	<p>Pulti RACK profile in black anodized aluminium for 19 " (1U) mounting</p> <p>-1 black cord (standard power supply) and 1 grey cord (uninterruptible power supply) of 3m, 3G1,5mm2, with over-moulded French-German plug 16A 250V</p> <p>-1 green voltage indicator light for standard power supply</p> <p>-1 amber voltage indicator light for the emergency power supply</p> <p>-1 automatic switch 16A, call time 15ms</p> <p>-2 French 16A 250V sockets with cell shutters</p> <p>-1 set of multidirectional mounting brackets</p>	L 440 x l 44 x h 44









ENSTO FRANCE SAS
RD.916 F-66170 Néfiach, France
info.france@ensto.com

ensto.fr