

CONNECTEURS PORTUAIRES *HARBOUR* *CONNECTORS*

Harbours are one of the harshest working environment for industrial connectors.

Thanks to their high robustness and watertigh level, all PROCONNECT ranges are able to be used in harbours



IP 67



IK9 IK10



**CORROSION PROOF
HIGH GRADE CAST
ALUMINIUM AND
STAINLESS STEEL**

2 main applications :

- Cranes power supply
- Ship to shore ship power supply

Crane power supply

Rubber-tired gantry crane (RTG)



RMG (rail mounted gantry) CRANE



STS (ship to shore) crane



ASC (automatic stacking crane)

Works fixed in a block on containers and the cable feeding is terminated into a JB (junction box) at the end of the block



« E-RTG* » Application
3PX5 400A 3P+T+10 contacts pilotes
3PX5 400A 3P+E+10 pilot pins

* Electric Rail Gantry Crane



Taiwan

Turkey



Singapore



Hong Kong



3PX5 400A
Haiphong harbour
Vietnam



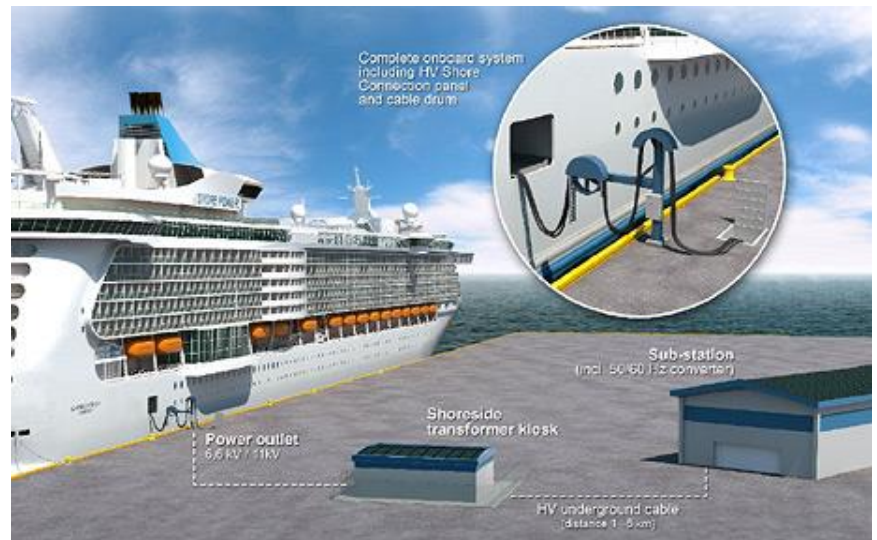
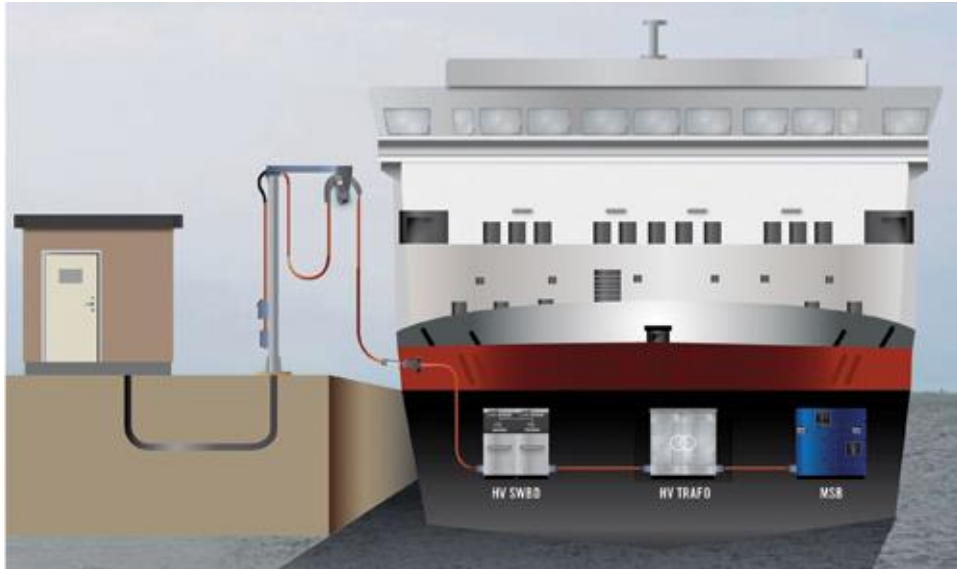
3PX6 24KV
BREST HARBOUR FRANCE

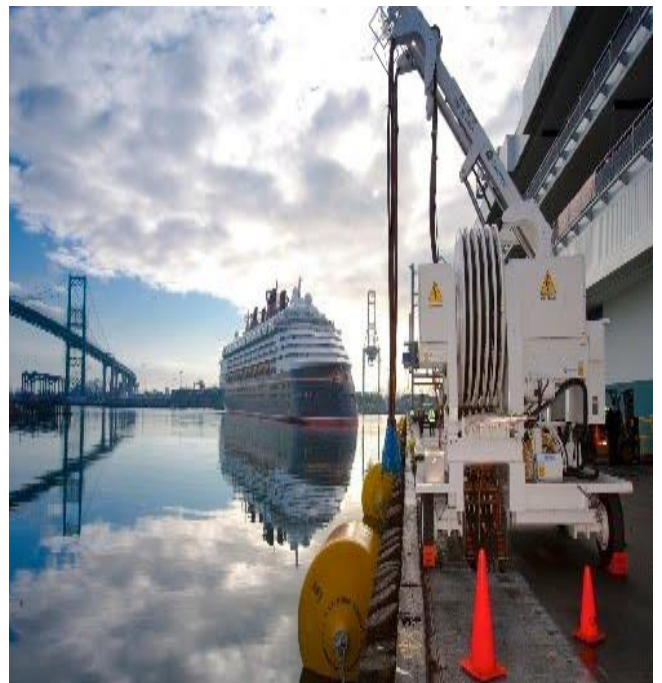
Ship to shore ship power supply

ESHORE ET MARINA

Shore to Ship technology provides electrical energy for ships at port. The system consists of shore side electrical power for docked ships at port.

The connection enable ships to shut off onboard engines and utilize the electrical power available at the port, this practice is known as "Cold Iron"





The international standard IEC/IEEE 80005 defines 3 sizes of eshore connectors depending on the size of the ship

- **Low voltage 440V**

for container vessels / Ro/Ro vessels
oil and products tankers...

- **6.6 kV/7.2 kV**

For cruise ship < 200 m

- **11 kV**

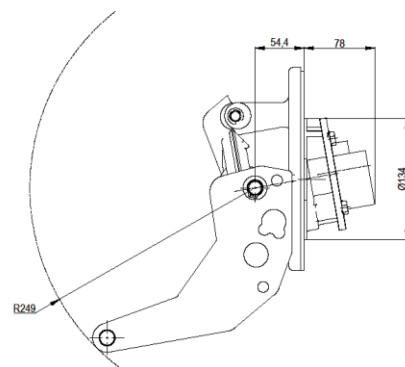
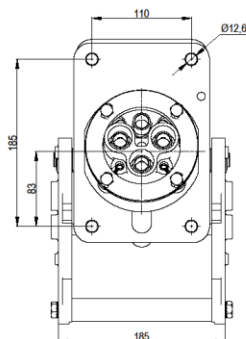
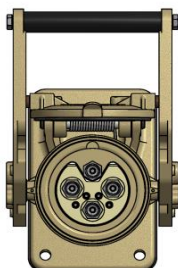
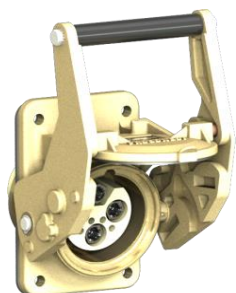
For cruise ships > 200 m

Amperage max.
 Voltage
 Contacts (max.)
 Cable section max.
 Cable diameter
 Terminations
 Casings
 aluminium
 Contacts
 Insert
 Fastenings
 Locking
 Temperature range
 Short circuit capacity
 peak=
 Standards

350A
 690V (+15%)
 3P+E+4p
 185mm² max.
 80 mm max.
 To crimp or solder
 Corrosion proof cast
 Copper alloy
 Neopren
 Stainless steel
 Cam push-pull device
 - 30° + 60°c
 withstand 16kA, 1 second, Isc
 40kA
 IP66/67 – IK10
 IEC 60309-5 IEC/IEEE 80005-3

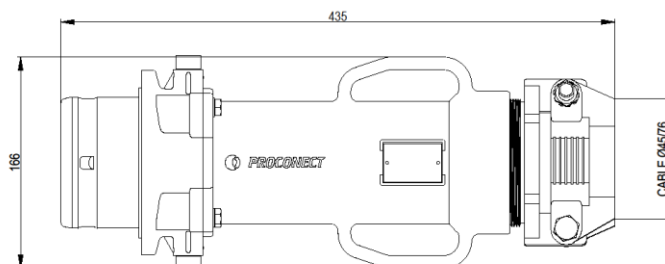
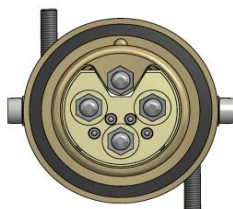
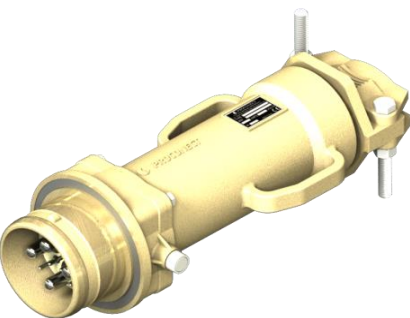
PANEL MOUNTING SOCKET

WEIGHT : 5.3 KG



STRAIGHT PLUG

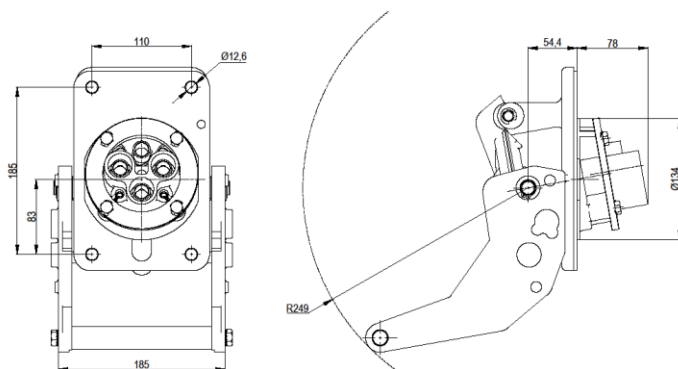
WEIGHT : 4.9 KG



Amperage max.	350A
Voltage	7.2kV
Contacts (max.)	3P+E+4p
Cable section max.	185mm ² max.
Cable diameter	80 mm max.
Terminations	To crimp or solder
Casings	Corrosion proof cast
aluminium	
Contacts	Copper alloy
Insert	Neopren
Fastenings	Stainless steel
Locking	Cam push-pull device
Temperature range	- 30° + 60°c
Short circuit capacity	withstand 16kA, 1 second, Isc
peak=	40kA
	IP66/67 – IK10
Standards	IEC 60309 IEC/IEEE 80005

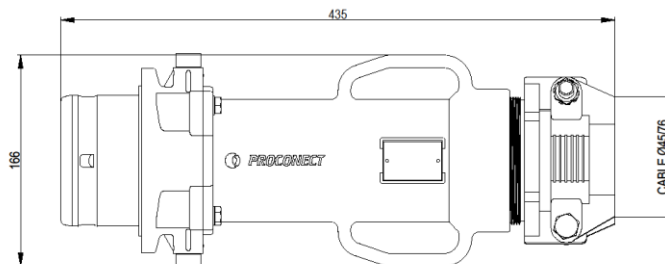
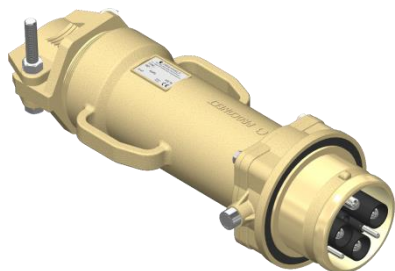
PANEL MOUNTING SOCKET

WEIGHT : 5.3 KG



STRAIGHT PLUG

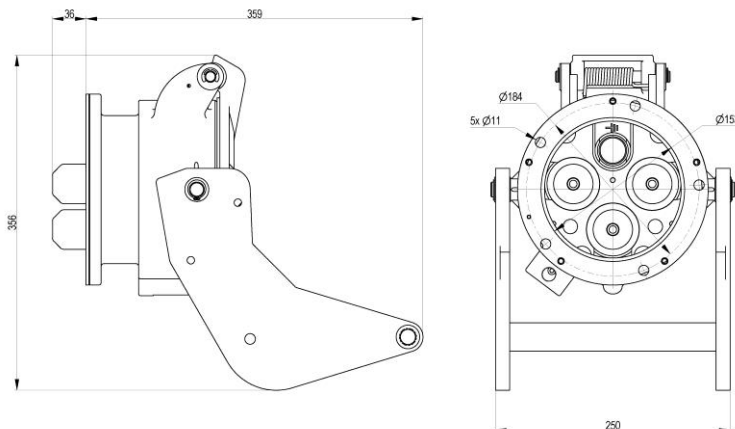
WEIGHT : 4.9 KG



Amperage max.	320A
Voltage	11 kV
Contacts (max.)	3P+E+2p
Cable section max.	95mm ² max.
Cable diameter	100 mm max.
Terminations	To crimp or solder
Casings	Corrosion proof cast aluminium
Contacts	Copper alloy
Insert	Neopren
Fastenings	Stainless steel
Locking	Cam push-pull device
Temperature range	- 30° + 60°c
	IP66/67 – IK10
Standards	IEC 60309 IEC

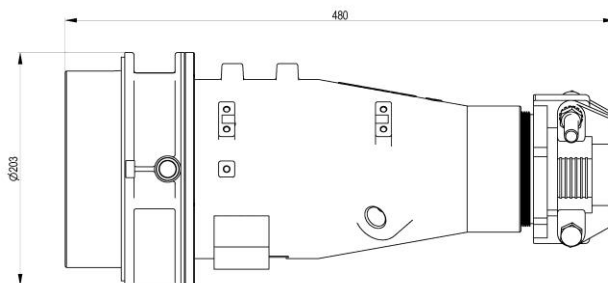
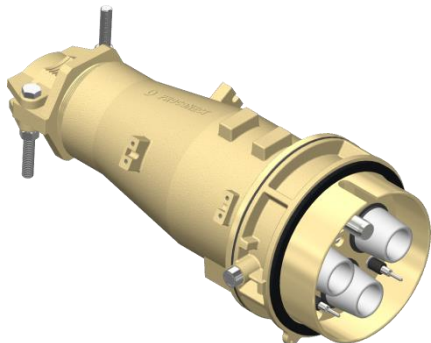
PANEL MOUNTING SOCKET

WEIGHT : 7.5KG



STRAIGHT PLUG

WEIGHT : 8.3 KG





3PX5 400A
Calais Harbour France

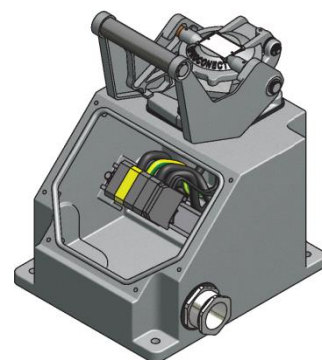
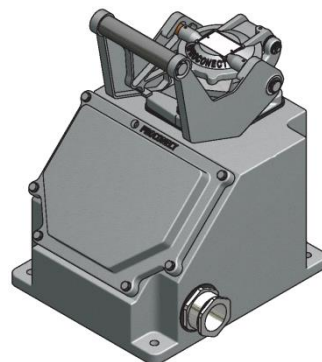
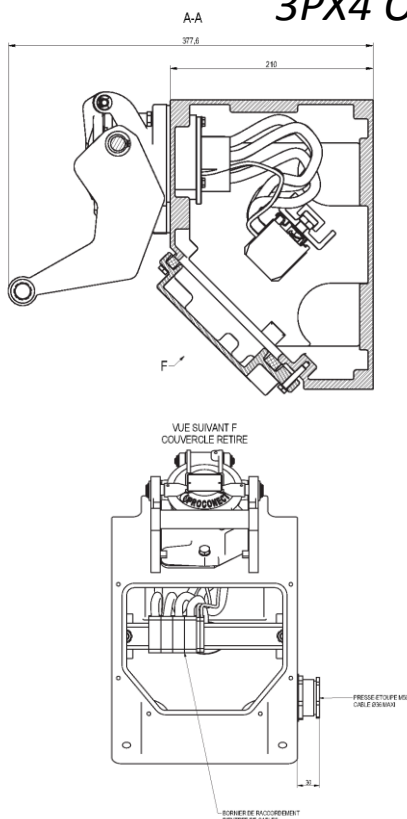


3PS200 3P+E
La Seine River Paris

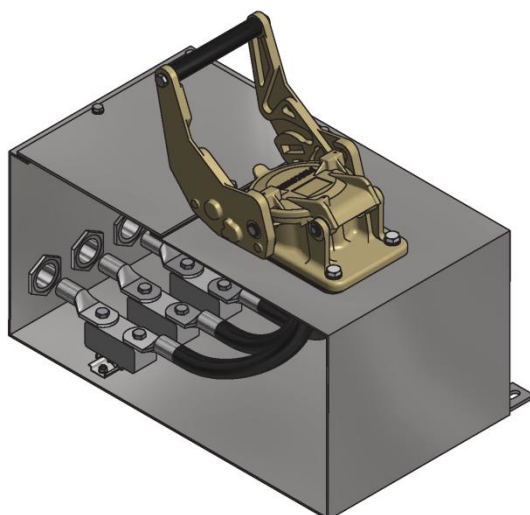
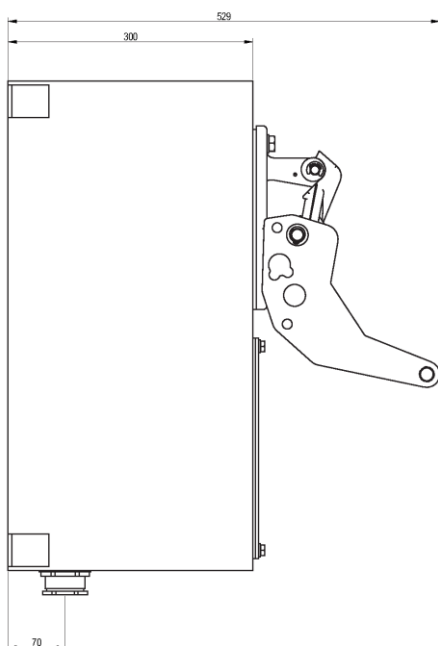
3PS125 3P+E
Corsica



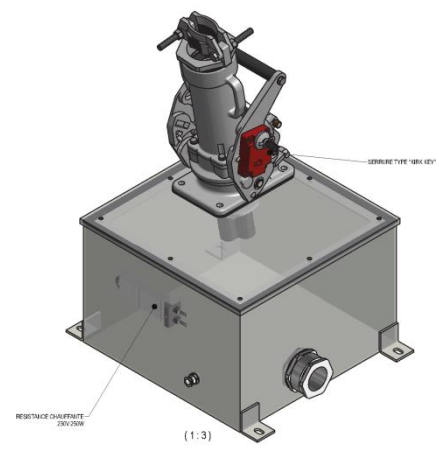
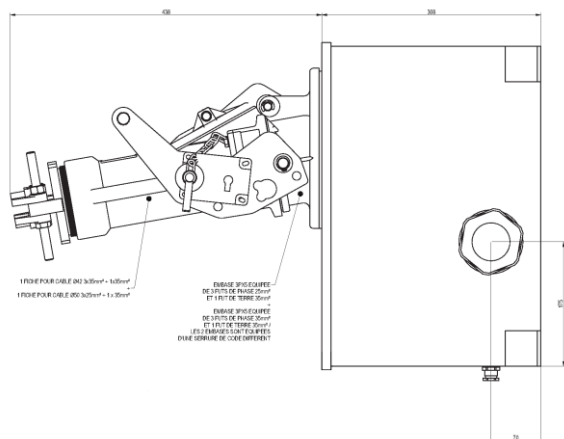
COFFRET 250A/440V AVEC BORNIER 3PX4 ON WALL BOX + TERMINALS



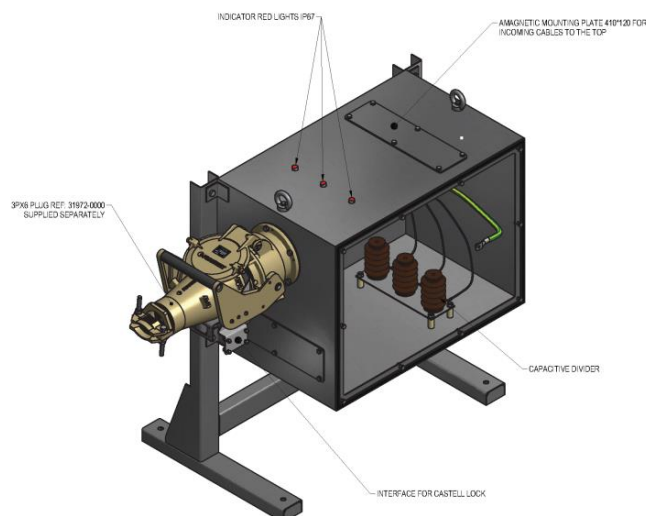
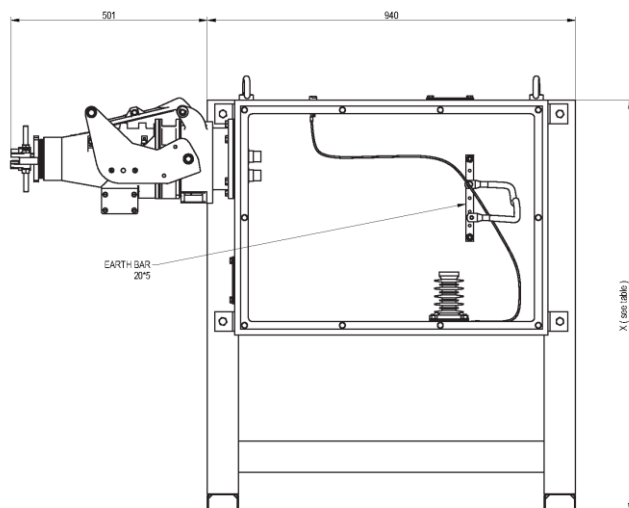
COFFRET 420A 440V AVEC BORNIER 3PX5 ON WALL BOX WITH TERMINAL



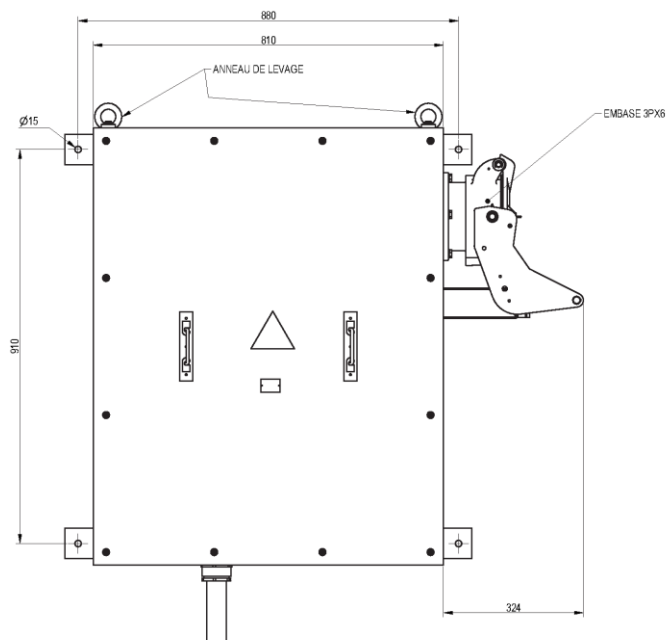
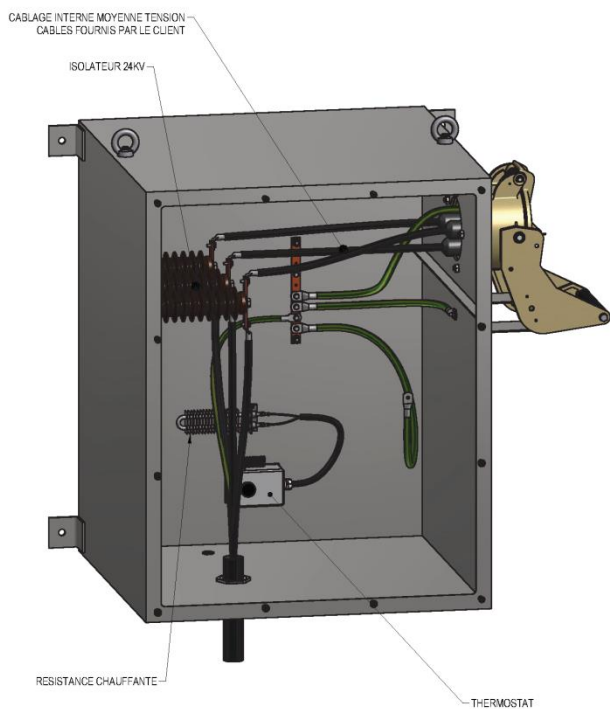
COFFRET 7.2 kV 125A AVEC SERRURE ET RESISTANCE CHAUFFANTE 3PX5 7.2 KV ON WALL BOX WITH PADLOCK AND HEATING



COFFRET 11 KV 300A AVEC SERRURE ET DERIVATION CON. FIBRES OPTIQUES 3PX6 11kV ON WALL BOX + PADLOCKING AND F.O DERIVATION



COFFRET 24kV 350A AVEC SERRURE ET RESISTANCE CHAUFFANTE *3PX6 24kV 350A WITH PADLOCK AND HEATING*





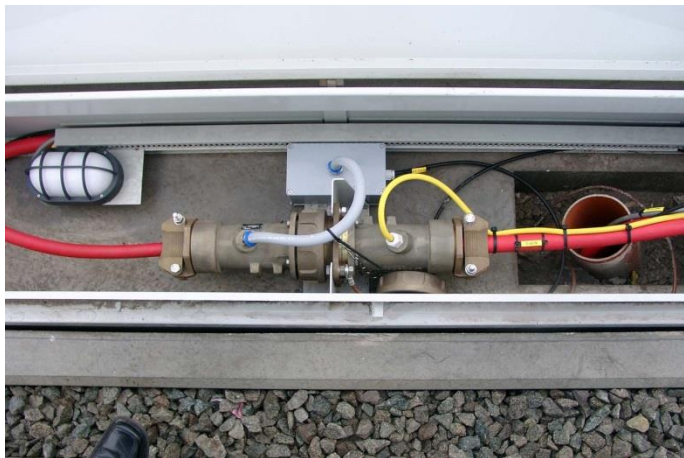
Prises unipolaires type 3PXU
650A 440V France
3PXU single pole 650A 440V



Prise 3PX4,
250A 440V 3P+T+2p
France



Prise type 3PX4 250A 3P+T+2p
Saint Nazaire France



Prise type 3PV5 10kV 200A avec dérivation FO
Port de Rotterdam
3PV5 10 kV with FO derivation



Prise type 3PX5 7kV 200A 3P+T+2p
Suède / Sweden

PROCONNECT dispose d'un réseau de distribution international, ce qui lui permet de vendre ses produits dans plus de 40 pays à travers le monde.

PROCONNECT has an international distribution network and sells its connectors in more than 40 countries.

N'hésitez pas à nous consulter pour connaître le nom de notre distributeur dans votre pays.

Contact us to know the name of your distributor in your country.



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