



PROCONNECT[®]



industrial connectors



maritime

onshore facilities and
ship power supply



cranes connectors

Connectors designed for port handling via cranes requiring a powerful power supply that can withstand the stresses of port operations.



IK10



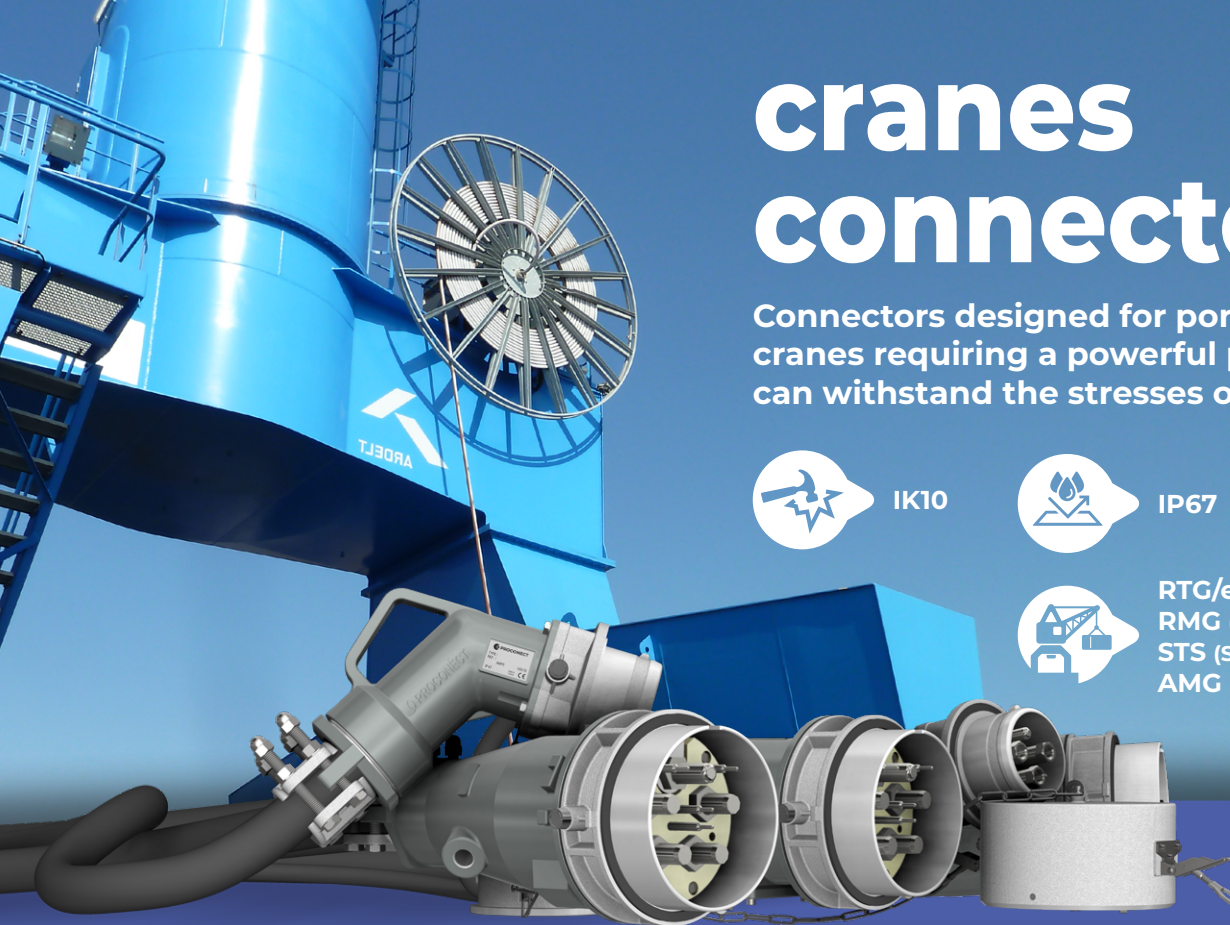
IP67



-30°
+60°C



RTG/eRTG (Rubber-Tyred Gantry)
RMG (Rail-Mounted Gantry)
STS (Ship-to-Shore)
AMG (Automated/Mobile Gantry)



+ Shipyards

These connectors can also be used for heavy-duty applications in shipyards. The 3PS range can also be used for those applications.



3PX4
max. 250 A
1,1 kV



Socket
158x218x313
Plug (straight)
332x134x102

3-phased
3P+E+2p



Socket 2,5 kg
Plug 2,1 kg

4-phased
3P+N+E+2p



95 mm²
AWG 3/0



3PX5
max. 500 A
1,1 kV



Socket
200x315x383
Plug (straight)
466x168x145

3-phased
3P+E+2p



Socket 5,3 kg
Plug 4,9 kg

4-phased
3P+N+E+2p



240 mm²
AWG 500 MCM

+ Grabs

Connectors for grab-integrated electrohydraulic pumps.



**3PV4
variation**
max. 200 A
1,1 kV



Socket
130x130x143
Plug
228x130x130

3-phased
3P+E+9p



Socket 1,5 kg
Plug 1,7 kg

37 poles
34P+E+2p



70 mm²
AWG 2/0



3PX6
max. 800 A
1,1 kV



Socket
264x363x425
Plug
552x236x203

3-phased
3P+E+2p



Socket 8 kg
Plug 8,2 kg

4-phased
3P+N+E+2p



300 mm²
AWG 600 MCM



**3PX5
MV**
max. 350 A
7,2 kV



Socket
200x315x433
Plug
466x168x145

3-phased
3P+E+3p

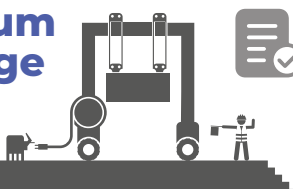


Socket 5,5 kg
Plug 5,8 kg

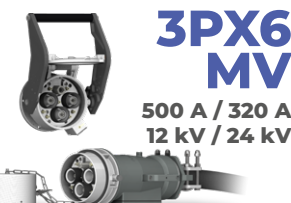


185 mm²
AWG 350 MCM

Medium voltage



HD 629.1 S2
(Table 5)



**3PX6
MV**
500 A / 320 A
12 kV / 24 kV



Socket
264x363x495
Plug
552x236x203

3-phased
3P+E+2p



Socket 8,8 kg
Plug 9,9 kg



240 mm²
AWG 500 MCM

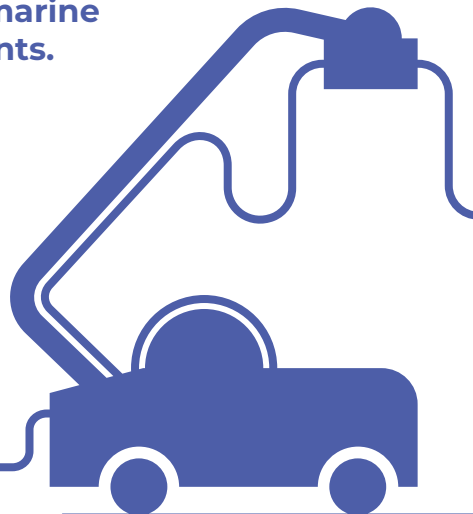
shore power connectors

IEC 80005-1

Connectors engineered for Onshore Power Supply (OPS) delivering high-power, shore-to-ship electrical connections that withstand the demands of port operations and harsh marine environments.



Following FuelEU and AFIR regulations to reduce CO₂, NO_x & SO_x.



Container ship



IEC 80005-1
(Annex D)
IEC 62613-2
(Annex I)



**3PX5
MV**
max. 350 A
7,2 kV



Socket
200x315x433
Plug
466x168x145



Socket 5,5 kg
Plug 5,8 kg



185 mm²
AWG 350 MCM

3-phased
3P+E+3p

RORO Ferry



IEC 80005-1
(Annex B)
IEC 62613-2
(Annex J)



3PX7
max. 500 A
12 kV



Socket
267x462x506
Plug
600x240x228



Socket 11,8 kg
Plug 12,9 kg



240 mm²
AWG 500 MCM

3-phased
3P+E+7p

LNGC



IEC 80005-1
(Annex E)
IEC 62613-2
(Annex J)



**3PX6
MV**
max. 500 A
12 kV



Socket
264x363x495
Plug
554x236x203



Socket 8,8 kg
Plug 9,9 kg



240 mm²
AWG 500 MCM

3-phased
3P+E+7p

Tanker



IEC 80005-1
(Annex F)
IEC 62613-2
(Annex J)



**3PXU
MV**
max. 250 A
11 kV



Socket
158x219x419
Plug
325x134x102



Socket 3,8 kg
Plug 2,3 kg



240 mm²
AWG 500 MCM

Single-pole
1P

Cruise ship



IEC 80005-1
(Annex C)*
*shore side only
except 3PX3



**3PX3
24P**
max. 30 A
500 V



Socket
117x155x190
Plug
211x137x113



Socket 1,1 kg
Plug 0,9 kg



6 mm²
AWG 10

24 poles
23P+E

Shore power connectors can be integrated in various type of Cable Management Systems (CMS) for HVSC facilities in ports.

For system integration

Self-propelled chain system



Reel feeding system



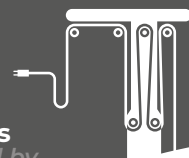
Rolling CMS



Mobile container



Crane CMS



Shore cabinets
can be provided by
PROCONNECT

shore power connectors low voltage

Low voltage Workboats

Tugboats
Port service boats
Dredgers
Offshore support vessels
Patrol boats
Fishing vessels
etc



IEC 60309-1



**3PX4
LV**
max. 250 A
690 V



IEC 80005-3
IEC 60309-5



**3PX5
LV**
max. 350 A
690 V



Socket
158x218x313
Plug (straight)
332x134x102



Socket 2,5 kg
Plug 2,1 kg



70 mm²
AWG 2/0



3-phased
3P+E+4p



Socket
200x315x383
Plug
466x168x145



Socket 5,3 kg
Plug 4,9 kg



185 mm²
AWG 350 MCM



3-phased
3P+E+4p

Shore-side cabinets are fully engineered to meet site-specific requirements, with feasibility studies ensuring onshore integration and standards compliance. Customizable designs support any configuration, and every unit is validated before production for reliability, durability, and standards conformity (e.g. IEC 80005-1).



Stainless steel



IK10

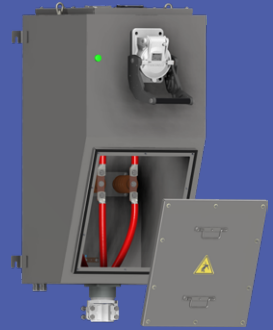
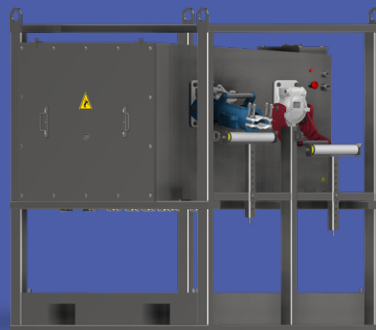
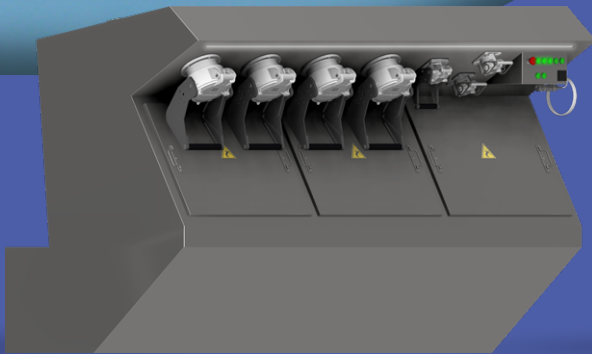
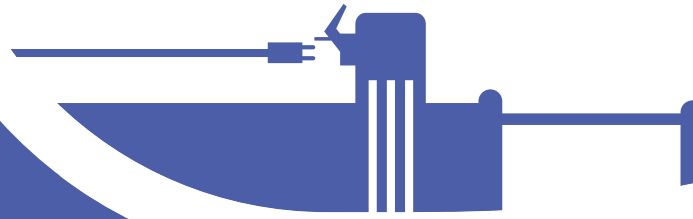


Custom design



IP67

connection boxes



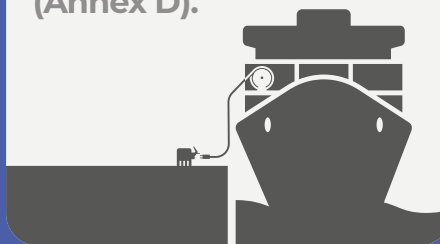
Cruise Ship OPS Cabinet

Rolling CMS connection to shore-side power grid following IEC 80005-1 (Annex C).



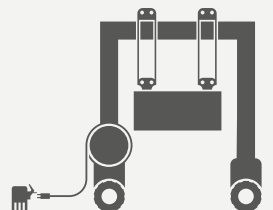
Container Ship OPS Cabinet

Ship feeder connection to shore-side power grid following IEC 80005-1 (Annex D).



Crane Power Supply

Wall-mounted electrical box for crane-integrated reel connection.



wiring

Connectors can be provided pre-wired according to the disponibility of the required section.



marina connectors

3PS

AC22/23 integrated breaking
capacity connectors

IEC 60309-1

IEC 60947-3

NF C15-100 (Part 709)



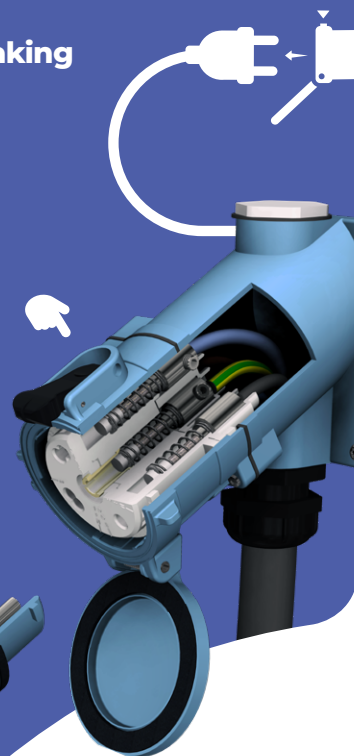
IK8-9



IP66/67



-30°
+60°C



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3PS16
16/30 A
1 kV



Socket
72x98x135
Plug (straight)
136x72x66



Socket 0,2 kg
Plug 0,2 kg



6 mm²
AWG 10



2-4 phased
1P+N+E
2P+E
3P+E
3P+N+E



3PS32
32/50 A
1 kV



Socket
82x107x153
Plug (straight)
155x83x77



Socket 0,4 kg
Plug 0,3 kg



10 mm²
AWG 8



2-4 phased
1P+N+E
2P+E
3P+E
3P+N+E



3PS63
63/90 A
1 kV



Socket
111x123x190
Plug
180x96x104



Socket 0,6 kg
Plug 0,6 kg



35 mm²
AWG 2



2-4 phased
1P+N+E
2P+E
3P+E
3P+N+E



3PS125
125/150 A
1 kV



Socket
160x145x244
Plug
228x125x125



Socket 1,4 kg
Plug 1,3 kg



50 mm²
AWG 1/0



2-4 phased
1P+N+E
2P+E
3P+E
3P+N+E



3PS200
200/250 A
1 kV



Socket
175x178x267
Plug
295x143x140



Socket 2,4 kg
Plug 2,3 kg



95 mm²
AWG 3/0



2-4 phased
1P+N+E
2P+E
3P+E
3P+N+E

they rely on us



7-9-11, rue Jean ROUXEL
ZAC de la Pentecôte - LOT N°12-13
44700 ORVAULT - FRANCE

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