



ALUMAX - High Amperage Power Solutions

RISK PROFILE:

- Extreme temperature variations and max temperatures up to +55°C
- Frequent sand storms
- Sun irradiation up to 1.20W/sqm
- Constant power needed
- Need for high level of impact resistance
- High amperage requirement with total safety and protection
- Corrosion when installed close to sea

PALAZZOLI SOLUTION:

- Working temperature up to 60 C
- Ingress protection of IP67/IP65
- Passivation treatment offering a high UV resistance
- From 250A to 630A at 400V and 500V
- Impact resistance of IK10
- The sockets are equipped with an MCCB 36kA breaking capacity
- Plugs and sockets made up of aluminium alloy with anti-corrosion treatment

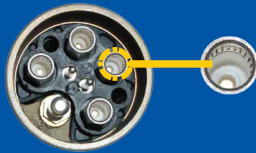
**APPROVED
by Leading Authorities**



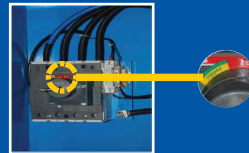
As a historic leader in heavy duty designing of low voltage industrial power sockets, PALAZZOLI has enlarged its offer by developing the ALUMAX range of power sockets with plugs for special applications that require high amperage of 250Amp up to 630Amp solutions.

ALUMAX features the latest developments for this type of products which are ideal for heavy-duty conditions even in extreme environments, typical of marine ports, mines, power plants and road or railway tunnels.

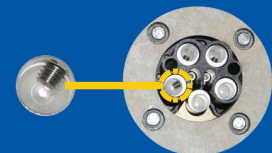
The ALUMAX range is designed with particular care to all details that favour a practical and easy functioning. PALAZZOLI's extensive experience in product customization has allowed to develop a product that will flexible adapt to a variety of applications.



and receptacle allow **easy coupling** which is also facilitated by the **multi-lamellar Easy Contact technology**.



The electrically interlocked socket is a **very good feature** when operating under load.



are **equipped with screw type terminals** that grant maximum versatility.

TECHNICAL INFORMATION

CONNECTIONS	
Material:	Aluminium alloy with anticorrosion treatment
Colour:	Natural
Protection rating:	IP67
Impact resistance:	IK10
Working temperature:	-30°C ÷ +60°C
Insulation class:	I
Pilot contacts:	2
Pilot contacts section:	6mm ² ÷ 10mm ²
Cable entrance diameter:	62mm (250A) 80mm (320A - 400A)
Type of connection (*):	Screw type for 50mm ² ÷ 70mm ² wires Crimping type for 120mm wire (320A) for 150mm wire (400A)

(*) Different type of connections available on request.

INTERLOCKED SOCKETS	
Material:	Painted steel
Colour:	Grey RAL 7035 (enclosure) Blue RAL 5012 (front plate)
Protection rating:	IP65
Impact resistance:	IK10
Working temperature:	-30°C ÷ +60°C
Insulation class:	I
Handle lockability:	In 0 and I position
Cable entrance:	Customizable flange
MCCB Icu	36kA

CONTACT US

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