

INDUSTRIAL PLUGS AND SOCKETS FOR HEAVY DUTY APPLICATIONS



REFERENCE STANDARDS

IEC EN 60309-1

IEC EN 60309-2

MARKINGS AND DIRECTIVES



QUALITY MARKS



VERSIONS



Plugs



Connectors

TECHNICAL CHARACTERISTICS

Rated current:	16A-32A-63A-125A
Rated voltage:	>50÷690V
Frequency:	50÷500Hz
Insulating voltage:	2P+E 500V 3P+E / 3P+N+E 690V
Protection degree:	IP66/IP67/IP69
Installation temperature:	-25°C +60°C
Enclosure material:	High performances thermoplastic (Halogen Free)
Colour:	Grey RAL7016
Impact resistance (IK degree):	IK10 (-40°C)
Construction characteristics/ type of closure:	16A-32A Separate body and handle / Snap-on (without screws) 63A-125A Separate body and handle / Screws with threaded inserts (4)
Terminals:	Screw 16A, 32A (all versions) Mantle 63A, 125A (all versions)
Nickel-plated pins:	16A-32A-63A-125A
Self extinguishing degree (GWT):	960°C
Mobile versions cable entry device:	IP67 cable gland/ external cable clamp

BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS

Saline solution	Acids		Bases		Solvents				Mineral oil	UV rays
	Concentrated	Diluted	Concentrated	Diluted	Hexane	Benzol	Acetone	Alcohol		
Resistant	Limited resistance	Resistant	Limited resistance	Resistant	Limited resistance	Not resistant	Not resistant	Limited resistance	Resistant	Resistant

Resistance values to chemical agents have to be considered indicative. For further information and specific substances, contact the technical service.



■ WIRING CAPACITY OF THE TERMINALS

Rated current			16A	32A	63A	125A
Cross-section of the connectable conductors	mm ²	Min	1	2.5	6	16
		Max	4	10	25	70
Tightening torque	Nm		0.8	0.8	2	10

■ CABLE SIZE ACCEPTED BY CABLE GLAND

Rated current			16A	32A	63A	125A
Outside Ø mm	mm	Min	8	11.5	16	24
		Max	15	21	31	48

