

INDUSTRIAL PLUGS AND SOCKETS



VERSIONS

	Plugs
	Connectors
	Appliance inlets
	Flush mounting socket outlets
	Surface mounting socket outlets

REFERENCE STANDARDS

EN 60309-1
Plugs, socket-outlets and couplers for industrial purposes.
Part 1: general requirements.

QUALITY MARKS



TECHNICAL CHARACTERISTICS

Rated current:	16A-32A
Rated voltage:	100÷690V~
Frequency:	50÷500Hz
Insulating voltage:	500/690V~
Protection degree:	IP44 - IP66/IP67
Operating ambient temperature according to the reference standard:	-25°C +40°C
Max operating ambient temperature:	60°C
Glow Wire test:	650°C/850°C
Material:	Engineering plastic
IK degree at 20°C:	IK08
Cable inlets:	Cable gland
Halogen free:	Yes
Snap-on device:	16A-32A
Nickel-plated pins:	16A-32A

APPLICATION

- Star delta connections
- Tapped winding connections
- Monitoring
- Controlling and actuation
- Electrical interlocks

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	Resistant	Resistant	Not Resistant	Not Resistant	Not Resistant	Limited Resistance	Limited Resistance	Limited Resistance

WIRING AND INSTALLATION

Wiring capacity of the terminals (mm²)

Max. cable size accepted by the cable clamp:

Rated voltage	Rated current (A)	Plugs and connectors		Appliance inlets and socket outlets		Rated current (A)	Outside Ø mm	
		Min	Max	Min	Max		Min	Max
Over 50V	16A	1	2,5	1,5	4	16A	8	16
	32A	2,5	6	2,5	10		11,5	22

APPLICATION EXAMPLES

