

IEC309 Series

Industrial plugs and sockets

Rated operating voltage <50V

No. REFERENCE SERIES

230	430
235	435
330	530
335	535



VERSIONS



Plugs and connectors



Panel mounting socket outlets



Surface mounting socket outlets

REFERENCE STANDARDS

Standards: **EN 60309-1 (1999)**
EN 60309-2 (1999)

MARKING

Marking: **CE Marking** 

QUALITY MARKS



TECHNICAL CHARACTERISTICS

Rated current:	16A-32A
Rated voltage:	<50V~
Frequency:	c.c. - 50÷500Hz
Insulating voltage:	500/690V~
Protection degree:	IP44-IP67
Operating temperature according to the reference standard:	-25°C+40°C
Max operating temperature:	60°C
Glow Wire test:	650°C/850°C
Material:	Engineering plastic
IK degree at 20°C:	IK08/IK10
Cable inlets:	Cable sleeve IP44 Cable gland IP67

ACCESSORIES

Empty surface mounting boxes

Straight



Angled



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CABLING OPERATIONS

Cabling capacity of the terminals (mm²)

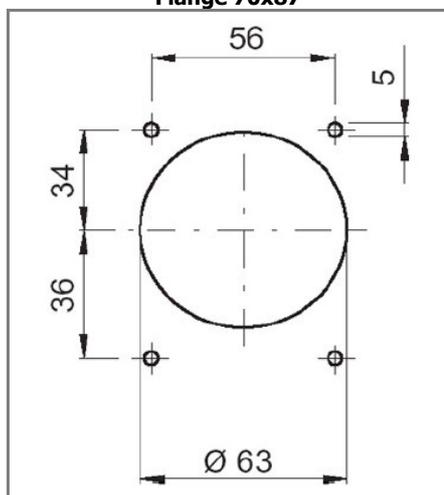
Rated voltage	Rated current (A)	Plugs, connectors and appliance inlets		Socket outlets	
		Min	Max	Min	Max
< 50V	16A	4	10	4	10
	32A	4	10	4	10

Max. cable size accepted by the cable clamp:

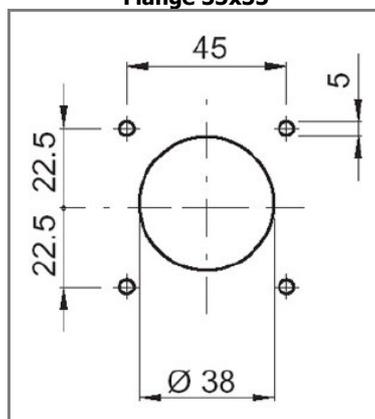
Rated current (A)	Outside Ø mm	
	Min	Max
16A	8	15
32A	11,5	21

DIMENSIONS

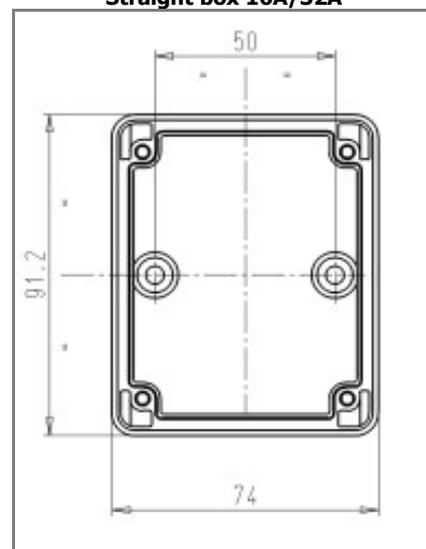
Flange 70x87



Flange 55x55



Straight box 16A/32A



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	RESISTANT	LIMITED RESISTANCE	NOT RESISTANT	RESISTANT	RESISTANT	RESISTANT