

## IEC309 Series

### Industrial plugs and sockets

Rated operating voltage <50V

#### No. REFERENCE SERIES

<b>230</b>	<b>430</b>
<b>235</b>	<b>435</b>
<b>330</b>	<b>530</b>
<b>335</b>	<b>535</b>



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

#### ACCESSORIES

##### Empty surface mounting boxes

Straight



Angled



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### CABLING OPERATIONS

#### Cabling capacity of the terminals (mm<sup>2</sup>)

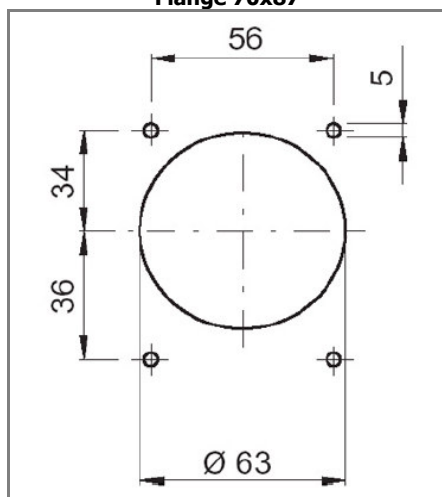
Rated voltage	Rated current (A)	Plugs, connectors and appliance inlets		Socket outlets	
		Min	Max	Min	Max
< 50V	16A	4	10	4	10
	32A	4	10	4	10

#### Max. cable size accepted by the cable clamp:

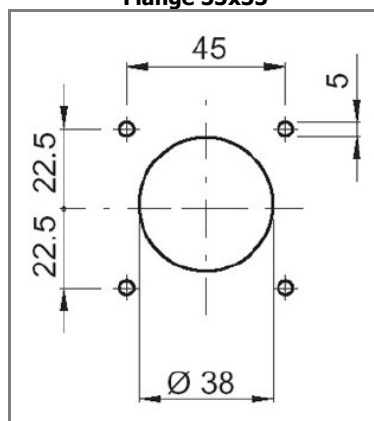
Rated current (A)	Outside Ø mm	
	Min	Max
16A	8	15
32A	11,5	21

### DIMENSIONS

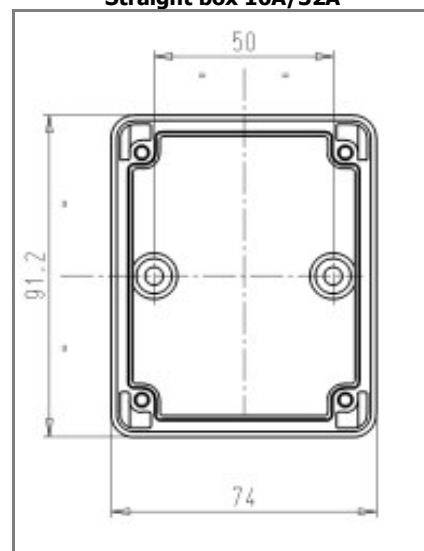
Flange 70x87



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		
<b>RESISTANT</b>	<b>LIMITED RESISTANCE</b>	<b>RESISTANT</b>	<b>LIMITED RESISTANCE</b>	<b>RESISTANT</b>	<b>RESISTANT</b>	<b>LIMITED RESISTANCE</b>	<b>NOT RESISTANT</b>	<b>RESISTANT</b>	<b>RESISTANT</b>	<b>RESISTANT</b>