



# 958 Receptacle angled

**6-pin**  
**Earth-to-Housing Connection according to VDE 0627**  
**flange mount / Flange 88x88**

## Technical Data

number of pins	6
power	4 (3+PE)
signal	2
temperature range	-20 °C to 130 °C
protection type	when connected IP 66/67

## Electrical Data

	power	signal
rated current	max. 150 A*	max. 12 A*
rated voltage	630V (AC/DC)	250 V (AC/DC)
rated insulation voltage (L-L)	6000 V	4000 V

mating cycles	500
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## Data according to VDE 0110/EN61984, Paragraph 6.19.2.2

pollution degree	3
over voltage category	III
max. height for operation	2000 m

## Material

housing	zinc diecast / chromated
insulation insert	PBT, UL 94 / V0
seals	FKM
contacts	brass / silver plated
contacts	brass / silver plated
contacts	brass / gold plated

## Contacts

Item / TCPN:	61.181.23 / 61-0181-023-000
type	Contact Pin $\varnothing$ 10.0 mm
cross section	screw/ for cable shoe M5, DIN 46234, crimp max. 16 mm <sup>2</sup>
contact resistance	< 90 $\mu$ Ohm

Item / TCPN:	61.105.23 / 61-0105-023-000
type	Contact Pin $\varnothing$ 10.0 mm
cross section	fixtures/ at dome
contact resistance	< 90 $\mu$ Ohm

Item / TCPN:	61.142.11 / 61-0142-011-000
type	Contact Pin $\varnothing$ 1.6 mm
cross section	crimp/ 0.10 - 0.50 mm <sup>2</sup>
contact resistance	< 5 mOhm

## Tools (not part of product contents)

analog crimping tool for 1 mm-/2 mm- contacts  
Item / TCPN: C0.201.00 / C0-0201-000-000

positioning insert for 1,6 mm contacts

Item / TCPN: C0.094.00 / C0-0094-000-000

**D EW C 611 MT 01 00 0001 000**  
**D F C 611 T 01 00 0001 000**



## Contact Arrangement

mating view



**Contact Pin  $\varnothing$ 10.0 mm**  
screw/ for cable shoe M5, DIN 46234, crimp max. 16 mm<sup>2</sup>  
Item: 61.181.23  
TCPN: 61-0181-023-000



**Contact Pin  $\varnothing$ 10.0 mm**  
fixtures/ at dome  
Item: 61.105.23  
TCPN: 61-0105-023-000



**Contact Pin  $\varnothing$ 1.6 mm**  
crimp/ 0.10 - 0.50 mm<sup>2</sup>  
Item: 61.142.11  
TCPN: 61-0142-011-000

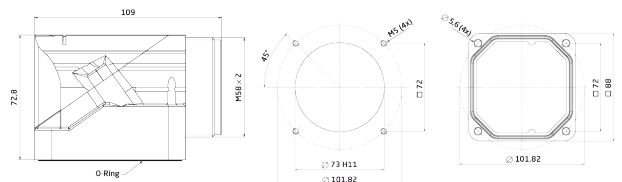


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**Main Dimensions**  
Receptacle angled

\*for max. wire cross-section  
pay attention to the  
cross-section of used contacts