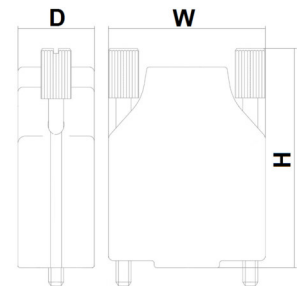


## SUB-D25F-MKSAX8415 Socket version



The socket version SUB-D25F-MKSAX8415 was specially designed for the ozone generator series AX8415 from MKS. The great advantage of the design is that the spring-loaded terminals make assembly easy and can be done under field conditions. In addition, the robust metal housing offers the possibility of laying the cable shield over a large area and thus ensuring a high level of shielding against EMC interference.



### Key commercial data

Packing unit	1 pc
Weight per piece (excluding packing)	90g
Weight per piece (including packing)	100g
Country of origin	Germany

### Technical data mechanically

Width (W)	54mm
Height (H)	68mm
Depth (D)	15mm
Ambient temperature (operation)	0°C ... 50°C
Ambient temperature (storage/transport)	-20°C ... 70°C
Relative humidity	90% without condensation
Mounting position	any
Housing type	TE D-Sub Backshells Series
Housing material	Zinc
Thread size of the locking screw	4-40 UNC
Screw drive of the locking screw	⊕ 2,5
Cable diameter	Ø7mm ... Ø10mm
Contact material of the connector	Brass
Contact coating of the connector	Shiny gold plated

**SUB-D25F-MKSAX8415**  
Socket version

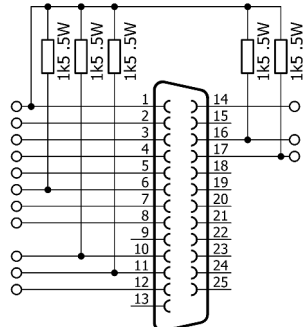
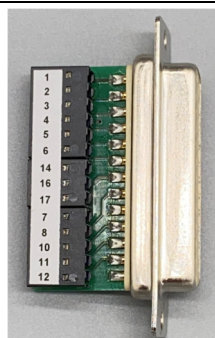
Technical data electric

Nominal voltage $U_N$	48V AC/DC
Nominal current $I_N$	0,5A
Protection class	IP20
Connection data PCB terminal	
Connection type	Push-in spring connection
Conductor cross section solid	0,14mm <sup>2</sup> ... 0,5mm <sup>2</sup>
Conductor cross section flexible	0,25mm <sup>2</sup> ... 0,5mm <sup>2</sup>
Conductor cross section with ferrule, without plastic sleeve	0,25mm <sup>2</sup> ... 0,5mm <sup>2</sup>
Conductor cross section with ferrule, with plastic sleeve	0,25mm <sup>2</sup> ... 0,34mm <sup>2</sup>
Stripping length	6mm
Connection data connector	
Connection type	SUB-D 25-pol socket

Standards and Regulations

Standards/regulations	EN 50581: 02/13
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PIN assignment

 <p>The diagram shows a 25-pin socket with pins numbered 1 to 25. Pins 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, and 13 are on the left side. Pins 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, and 25 are on the right side. Internal connections are shown with resistors labeled '1k5 .5W'.</p>	 <p>A photograph of the physical socket component, showing the 25 pins on the left and the metal housing on the right.</p>
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**SUB-D25F-MKSAX8415**  
Socket version

Pictures

