IEC Appliance Inlet with protection degree IP67 / IP69K, Screw-on Mounting front side, Solder or Quick-connect Terminal

new

with Cover (separate accessories)

Set consisting of appliance inlet and connector

S16

120° C

Description

- Panel Mount :
  Screw-on mounting from front side
- Appliance Inlet , Pin temperature 120 °C , Protection class I
- Solder terminals or quick connect terminals
- Complete set consisting of appliance inlet and outlet
- Mating connector type: 4762

Unique Selling Proposition

- Waterproofed Appliance Inlet IP 67 / IP 69K
- Suitable for equipments in harsh environment
- Specific shape to ensure IP protection
- Version in Black and White

Approvals and Compliances

Weblinks

pdf datasheet, html-datasheet, General Product Information, Distributor-Stock-Check, Accessories, Detailed request for product, Microsite, Video

Technical Data

Ratings IEC	10 A / 250 VAC; 50 Hz
Ratings UL/CSA	15 A / 250 VAC; 60 Hz
Dielectric Strength	> 1.5 kVAC between L-N > 1.5 kVAC between L/N-PE (1 min/50 Hz)
Allowable Operation Temperature	-25 °C to 120 °C
IP-Protection	from front side IP67 acc. to IEC 60529 / IP69K acc. to ISO 20653
Insulation cover	Suitable for appliances with protection class I acc. to IEC 61140
Terminal	Solder terminals or quick connect terminals
Panel Thickness S	Screw: max 6 mm Mounting screw torque max 3 Nm
Material: Housing	Thermoplastic, black / white, UL 94V-0

appliance inlet/-outlet	S16 acc. to IEC 60320-1, UL 60320-1, CSA C22.2 no. 60320-1 (For hot conditions) pin-temperature 120 °C, 10 A, Protection Class I

Approvals and Compliances

Detailed information on product approvals, code requirements, usage instructions and detailed test conditions can be looked up in   Details about Approvals

Approvals

The approval mark is used by the testing authorities to certify compliance with the safety requirements placed on electronic products.

Approval Reference Type: 4761

Approval Logo	Certificates	Certification Body	Description
10	VDE Approvals	VDE	Certificate Number: 40044311
cULus	UL Approvals	UL	UL File Number: E96454

Product standards

Product standards that are referenced

Organization	Design	Standard	Description
IEC	Designed according to	IEC 60320-1	Appliance couplers for household and similar general purposes
UL	Designed according to	UL 60320-1	Standard for Attachment Plugs and Receptacles
CSA Group	Designed according to	CSA C22.2 no. 60320-1	General Use Receptacles, Attachment Plugs, and Similar Wiring Devices

Application standards

Application standards where the product can be used
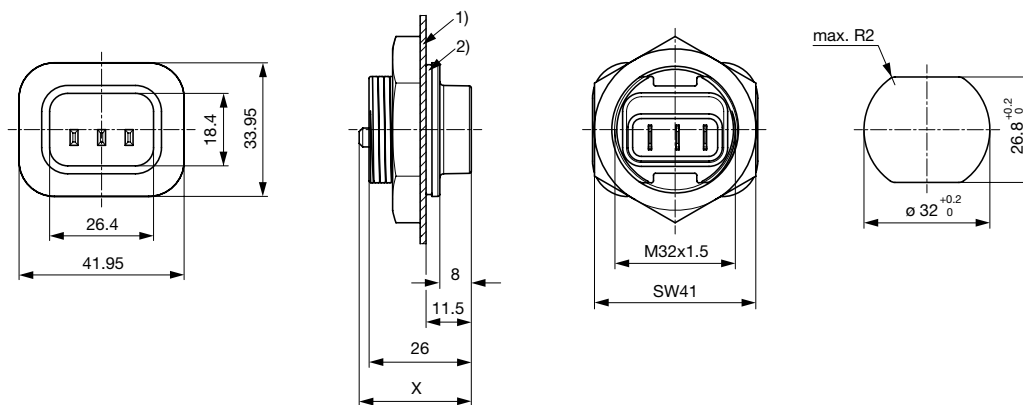
Organization	Design	Standard	Description
IEC	Designed for applications acc.	IEC/UL 60950	IEC 60950-1 includes the basic requirements for the safety of information technologyequipment.

Compliances

The product complies with following Guide Lines

Identification	Details	Initiator	Description
CE	CE declaration of conformity	SCHURTER AG	The CE marking declares that the product complies with the applicable requirements laid down in the harmonisation of Community legislation on its affixing in accordance with EU Regulation 765/2008.
RoHS COMPLIANT	RoHS	SCHURTER AG	EU Directive RoHS 2011/65/EU
China RoHS	China RoHS	SCHURTER AG	The law SJ / T 11363-2006 (China RoHS) has been in force since 1 March 2007. It is similar to the EU directive RoHS.
Halogen Free HF	Halogen Free	SCHURTER AG	SCHURTER strives to offer our customers halogen free products.
REACH	REACH	SCHURTER AG	On 1 June 2007, Regulation (EC) No 1907/2006 on the Registration, Evaluation, Authorization and Restriction of Chemicals 1 (abbreviated as "REACH") entered into force.

Dimensions [mm]

X: Quick-connect terminals 4.8x0.8 mm: 28.5 mm
X: Quick-connect terminals 6.3x0.8 mm: 31.0 mm
X: Solder terminals: 25.5 mm

1) Panel
2) Gasket or protection cover

All Variants

Appliance Inlet	Connector	Set	Color	Terminals Inlet	Order Number	
●		-	black	Quick connect terminals 4.8 x 0.8 mm	4312.0000	▮
●		-	black	Quick connect terminals 6.3 x 0.8 mm	4312.0001	
●		-	black	Solder terminals	4312.0002	▮
●	●	1)	black	Quick connect terminals 4.8 x 0.8 mm	4312.0004	▮
●	●	1)	black	Quick connect terminals 6.3 x 0.8 mm	4312.0005	
●	●	1)	black	Solder terminals	4312.0006	▮

Appliance Inlet	Connector	Set	Color	Terminals Inlet	Order Number	
●		-	white	Quick connect terminals 4.8 x 0.8 mm	4312.0007	▮
●		-	white	Quick connect terminals 6.3 x 0.8 mm	4312.0008	
●		-	white	Solder terminals	4312.0009	▮
●	●	1)	white	Quick connect terminals 4.8 x 0.8 mm	4312.0011	▮
●	●	1)	white	Quick connect terminals 6.3 x 0.8 mm	4312.0012	
●	●	1)	white	Solder terminals	4312.0013	▮

1) complete set consisting of appliance inlet and outlet

▮ Most Popular.

Availability for all products can be searched real-time:https://www.schurter.com/en/Stock-Check/Stock-Check-SCHURTER

Packaging unit   10 Pcs

Accessories

Description

Protection cover
Protection cover for waterproof appliance coupler 4761 / 4762

Mating Outlets/Connectors shuttered

Category / Description

Connector Overview complete

IEC Connector protection degree IP67 / IP69K, Rewireable, Straight	4762

Connector further types to 4761

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Schurter](#):
[4312.0001](#) [4312.0005](#) [4312.0008](#) [4312.0009](#) [4312.0011](#) [4312.0013](#) [4312.0006](#) [4312.0007](#) [4312.0002](#) [4312.0012](#) [4312.0004](#) [4312.0000](#)