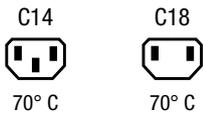


IEC Appliance Inlet C14 or C18 with Fuseholder 2-pole, Line Switch 1- or 2-pole



Order required accessories separately KM with shield

Snap-in version



Approvals and Compliances

Description

- Panel Mount :
Snap-in version from front side
- 3 Functions :
Appliance Inlet protection class I or II , Line Switch 2-pole , Fuseholder for fuse-links 5 x 20 mm 1- or 2-pole
- Meets the requirements of IEC 60335-1 for appliances in unattended use. This includes the enhanced requirements of glow wire tests acc. to IEC 60695-2-12 and -13.
- Quick connect terminals 4.8 x 0.8 mm
- With cover on rear-side

Characteristics

- Ultra-compact design. Small dimensions in front of and behind the panel
- All single elements are already wired
- For added safety "Extra-Safe" fuse drawers are available
- Ideal for application with high transient loads
- Suitable for use in equipment according to IEC/UL 60950

Other versions on request

- Fuse drawer 1-pole, plus spare fuse case
- Fuse drawer 2-pole, with shorting bar
- Line switch 1-pole
- Other rocker marking

References

Alternative: version with line filter [KMF](#)
 Alternative: version for screw mounting [DD11](#)

Weblinks

[pdf datasheet](#), [html-datasheet](#), [General Product Information](#), [Distributor-Stock-Check](#), [Accessories](#), [Detailed request for product](#)

Technical Data

| | |
|---------------------------------|---|
| Ratings IEC | 10A / 250VAC; 50Hz |
| Ratings UL/CSA | 10A / 250VAC; 60Hz |
| Dielectric Strength | > 2.5kVAC between L-N > 3kVAC between L/N-PE (1 min/50Hz) |
| Allowable Operation Temperature | -25 °C to 70 °C |
| IP-Protection | from front side IP 40 acc. to IEC 60529 |
| Insulation cover | Suitable for appliances with protection class I or II acc. to IEC 61140 |
| Terminal | Quick connect terminals 4.8 x 0.8 mm , tin-plated |
| Panel Thickness S | Snap-in: 1/1.5/2/2.5 mm (all steps with one variant) |
| Material: Housing | Thermoplastic, black, UL 94V-0 |

| | |
|-----------------------------------|--|
| appliance inlet/-outlet | C14 / C18 acc. to IEC 60320-1, UL 498, CSA C22.2 no. 42 (for cold conditions) pin-temperature 70 °C, 10A, Protection Class I or II |
| Fuseholder | 1 or 2 pole, Shocksafe category PC2 acc. to IEC 60127-6, for fuse-links 5 x 20mm |
| Rated Power Acceptance @ Ta 23 °C | 5 x 20: 2W (1 pole)/ 1.4W (2-pole) per pole Choose fuse-links for 2-pole version in such a way that the typical power acceptance is less than 1.4 W for each pole |
| Power Acceptance @ Ta > 23°C | Admissible power acceptance at higher ambient temperature see derating curves |
| Line Switch | Rocker switch 2-pole, non-illuminated, acc. to IEC 61058-1 Technical Details |

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: KM

| Approval Logo | Certificates | Certification Body | Description |
|--|---------------|--------------------|------------------------------|
|  | VDE Approvals | VDE | Certificate Number: 40021981 |
|  | UL Approvals | UL | UL File Number: E93617 |
|  | CQC Approvals | CQC | CCC File Number: |

Product standards

Product standards that are referenced

| Organization | Design | Standard | Description |
|--|-----------------------|------------------|---|
|  | Designed according to | IEC 60320-1 | Appliance couplers for household and similar general purposes |
|  | Designed according to | IEC 60127-6 | Miniature fuses. Part 6. Fuse-holders for miniature fuse-links |
|  | Designed according to | IEC 61058-1 | Switches for appliances. Part 1. General requirements |
|  | Designed according to | UL 498 | Standard for Attachment Plugs and Receptacles |
|  | Designed according to | CSA C22.2 no. 42 | General Use Receptacles, Attachment Plugs, and Similar Wiring Devices |

Application standards

Application standards where the product can be used

| Organization | Design | Standard | Description |
|--|--------------------------------|--------------|---|
|  | Designed for applications acc. | IEC/UL 60950 | IEC 60950-1 includes the basic requirements for the safety of information technology equipment. |
|  | Designed for applications acc. | IEC 60601-1 | Medical electrical equipment - Part 1: General requirements for basic safety and essential performance |
|  | Designed for applications acc. | IEC 60335-1 | Safety of electrical appliances for household and similar purposes. Meets the requirements for appliances in unattended use. This includes the enhanced requirements of glow wire tests acc. to IEC 60695-2-12 and -13. |

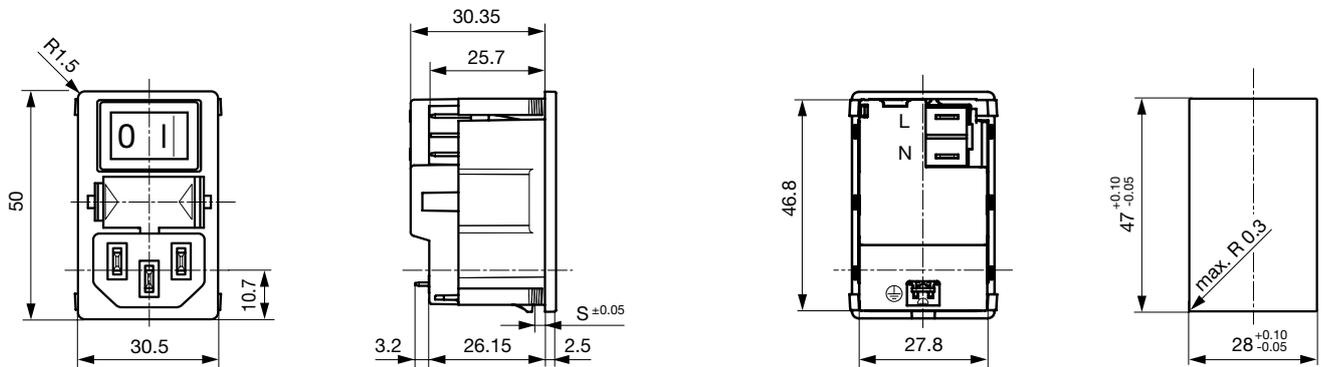
Compliances

The product complies with following Guide Lines

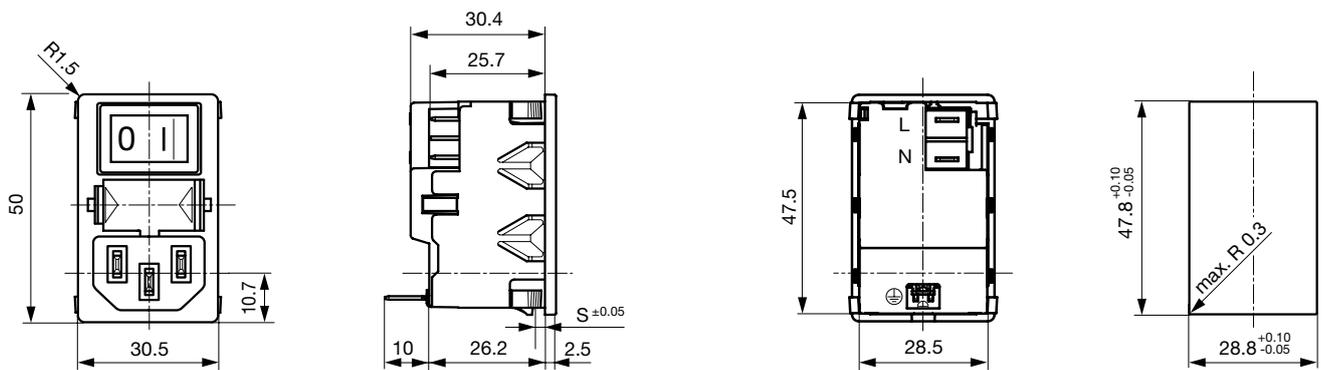
| Identification | Details | Initiator | Description |
|--|------------------------------|-------------|---|
|  | CE declaration of conformity | SCHURTER AG | The CE marking declares that the product complies with the applicable requirements laid down in the harmonisation of Community legislation on its affixing in accordance with EU Regulation 765/2008. |
|  | RoHS | SCHURTER AG | EU Directive RoHS 2011/65/EU |
|  | 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. |
|  | 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. |
|  | Medical Equipment | SCHURTER AG | Suitable for use in medical equipment according to IEC/UL 60601-1 |

Dimensions [mm]

KM without shield

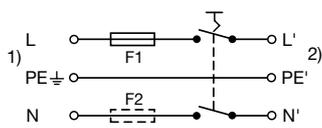


KM with shield



Diagrams

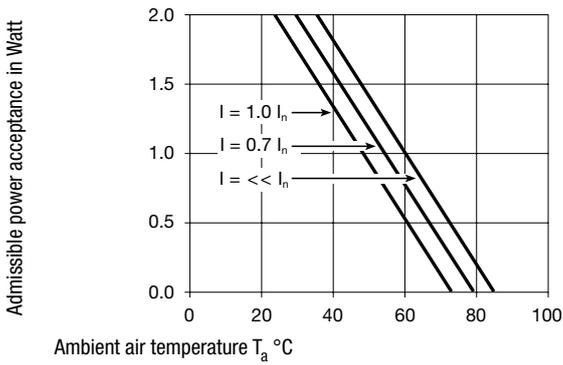
with shield



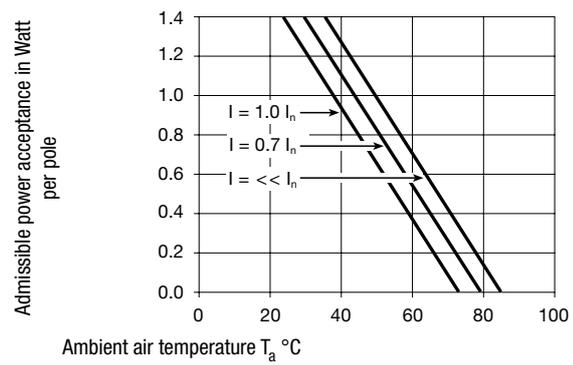
- 1) Line
- 2) Load

Derating Curves

1-pole



2-pole



All Variants

| Protection Class | Fuseholder | Line Switch | EMC-Shielding | Order Number |
|------------------|------------|-------------|---|--------------|
| I | 1-pole | 2-pole | - | KM00.1205.11 |
| I | 2-pole | 2-pole | - | KM00.1105.11 |
| II | 2-pole | 2-pole | - | KM00.2105.11 |
| I | 1-pole | 2-pole | With EMC-shield and without line filter | KM01.1205.11 |
| I | 2-pole | 2-pole | With EMC-shield and without line filter | KM01.1105.11 |

Most Popular.

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

Packaging unit 50 Pcs

Required Accessory

Description

Fusedrawer 2
 Fusedrawer für Fuse Links 5x20 mm, with or without Voltage Selector Insert



| | |
|--------------------|-----------|
| Fingergrip, 2-pole | 4301.1401 |
| Extra-Safe, 2-pole | 4301.1403 |
| Fingergrip, 1-pole | 4301.1405 |
| Extra-Safe, 1-pole | 4301.1407 |

...

Accessories



Wire Harness
 Wire harness for SCHURTER products



Cord retaining kits
 Cord retaining strain relief

| | |
|--------------|-----------|
| Flat head, A | 4700.0001 |
|--------------|-----------|

Mating Outlets/Connectors

Category / Description

Appliance Outlet Overview complete



| | |
|---|------|
| IEC Appliance Outlet F, Screw-on Mounting, Front Side, Solder Terminal | 4787 |
| IEC Appliance Outlet F, Snap-in Mounting, Front Side, Solder or Quick-connect Terminal | 4788 |
| IEC Appliance Outlet F or H, Screw-on Mounting, Front Side, Solder, PCB or Quick-connect Terminal | 5091 |

[Appliance Outlet further types to KM](#)

Connector Overview complete



| | |
|--|---------|
| 4782 Mounting: Power Cord, 3 x 1 mm ² / 3 x 18 AWG, Cable, Connector: IEC C13 | 4782 |
| 4022 Mounting: Power Supply Cord, 3 x 1.5 mm ² , Screw clamps, Connector: IEC C13 | 4022 |
| 4785 Mounting: Power Cord, 3 x 1 mm ² / 3 x 18 AWG, Cable, Connector: IEC C13 | 4785 |
| 4300-06 Mounting: Power Cord, 3 x 1 mm ² / 3 x 18 AWG, Cable, Connector: IEC C13 | 4300-06 |
| 4012 Mounting: Power Supply Cord, 3 x 1.5 mm ² , Screw clamps, Connector: IEC C13 | 4012 |

[Connector further types to KM](#)

Mating Outlets/Connectors shuttered



Power Cord Overview complete

| | |
|---|---------|
| Power cord with IEC connector C17, V-Lock, straight | VAC17KS |
|---|---------|

[Power Cord further types to KM](#)