

IEC Appliance Inlet C14 with Fuseholder 1- or 2-pole, Line Switch 2-pole and Voltage Selector

Medical fuse drawer



Order required accessories separately



Description

- Panel Mount:
Screw-on version from front or rear side, snap-in version from front side
- 4 Functions:
Appliance Inlet, Protection class I Line Switch, 2-pole Fuseholder with interchangeable fuse drawer for Fuse-links 5x20 mm or 6.3x32 mm, Voltage Selector
- Quick connect terminals 4.8 x 0.8 mm

Approvals

- VDE Certificate Number: 40030343
- UL File Number: E93617
- CSA File Number: 38456

Characteristics

- All single elements are already partially wired
- For added safety "Extra-Safe" fuse drawers are available
- Suitable for use in equipment according to IEC/UL 60950

Other versions on request

- Line switch, illuminated
- Line switch with other rocker marking
- Line switch 1-pole
- For protection class II

References

Alternative: version with line filter [CG](#)

Weblinks

[pdf-datasheet](#), [html-datasheet](#), [General Product Information](#), [Approvals](#), [CE declaration of conformity](#), [RoHS](#), [CHINA-RoHS](#), [REACH](#), [Mating Connectors](#), [e-Shop](#), [SCHURTER-Stock-Check](#), [Distributor-Stock-Check](#), [CAD-Drawings](#), [Accessories](#), [Detailed request for product](#)

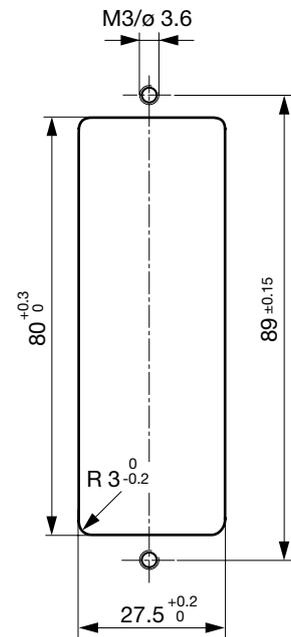
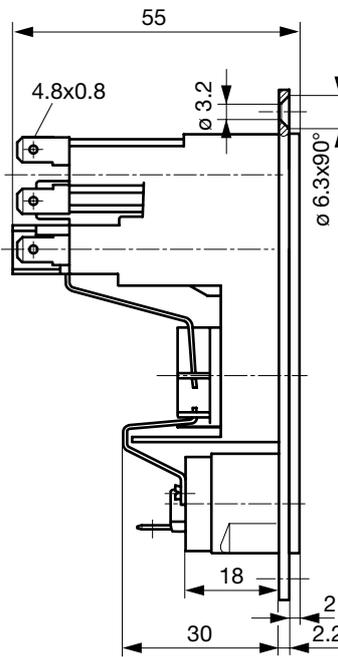
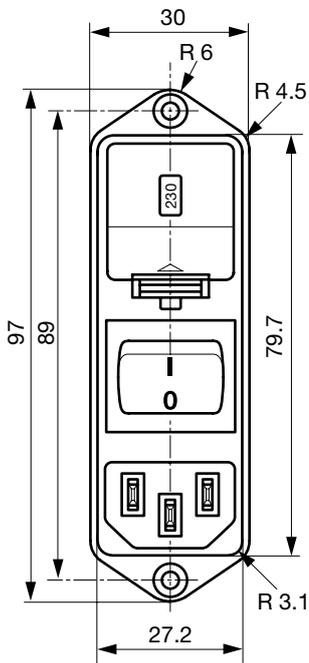
Newly available variants corresponding to V-Lock mating cordset. The connector is equipped with a notch intended for use with the latching cordset. The cord latching system prevents against accidental removal of the cordset.

Technical Data

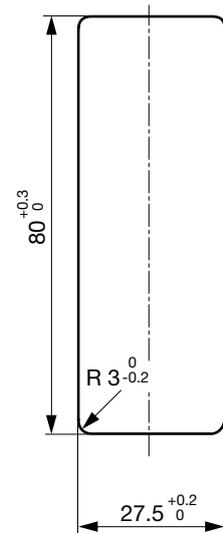
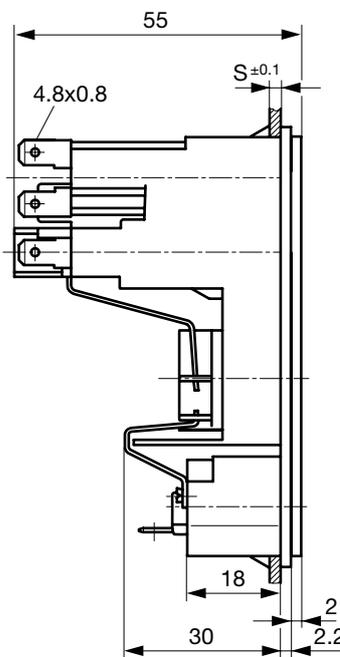
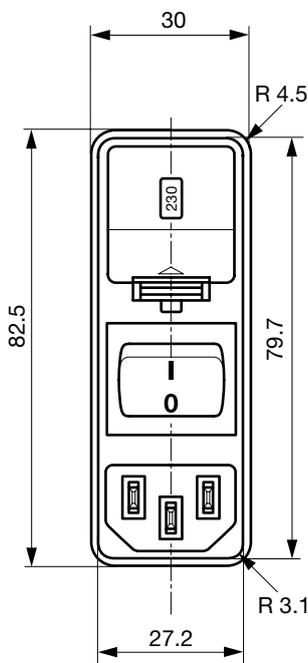
| | | | |
|---------------------------|---|-----------------------------------|--|
| Ratings IEC | 10A / 250VAC; 50Hz | Appliance Inlet | C14 acc. to IEC 60320, UL 498, CSA C22.2 no. 42 (for cold conditions) pin-temperature 70 °C, 10A, Protection Class I |
| Ratings UL/CSA | 10A / 125VAC; 60Hz | Fuseholder | 1 or 2 pole, Shocksafe category PC2 acc. to IEC 60127-6, for fuse-links 5 x 20 or 6.3 x 32mm |
| Dielectric Strength | > 3 kVAC between L-N > 4 kVAC between L/N-PE (1 min/50Hz) | Rated Power Acceptance @ Ta 23 °C | 5 x 20: 2.5W (1 pole)/ 2W (2-pole) per pole 6.3 x 32: 3.15W (1 pole)/ 2.5W (2-pole) per pole |
| Allowable Operation Temp. | -25 °C to 70 °C | Power Acceptance @ Ta > 23 °C | Admissible power acceptance at higher ambient temperature see derating curves |
| Degree of Protection | from front side IP 40 acc. to IEC 60529 | Line Switch | Rocker switch 2-pole, non-illuminated, acc. to IEC 61058-1 Technical Details |
| Protection Class | Suitable for appliances with protection class I acc. to IEC 61140 | Voltage Selector | series-parallel, 4, 3 or 2 switch positions or usable as 2-pole change-over switch |
| Terminal | Quick connect terminals 4.8 x 0.8 mm | | |
| Panel Thickness s | Screw: max 8 mm Mounting screw torque max 0.5Nm Snap-in: 1.5/2/2.5 mm | | |
| Material: Housing | Thermoplastic, black, UL 94V-0 | | |

Dimensions

Screw-on mounting



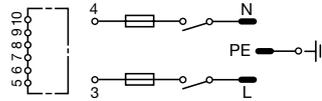
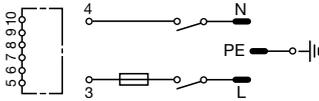
Snap-in mounting



Diagrams

with partial wired

with partial wired



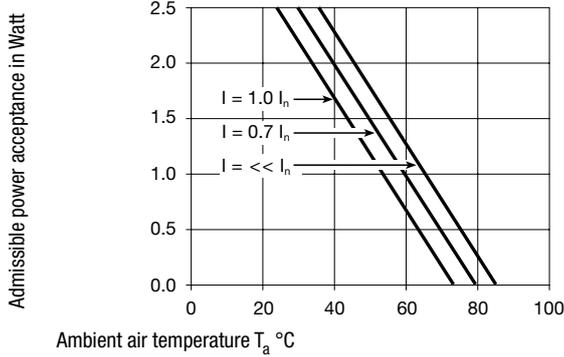
1-pole

2-pole

Derating Curves

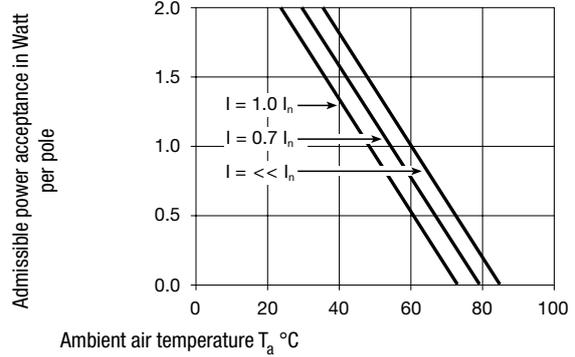
Fuses

5 x 20 mm (1-pole)



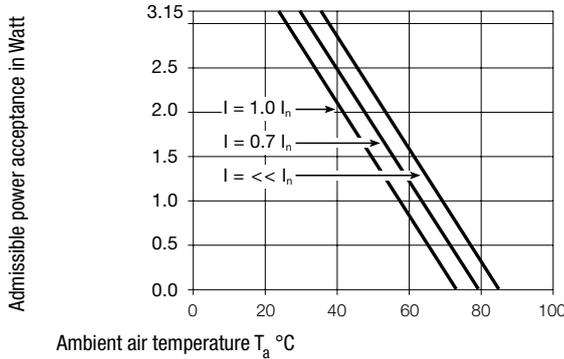
Fuses

5 x 20 mm (2-pole, per pole)



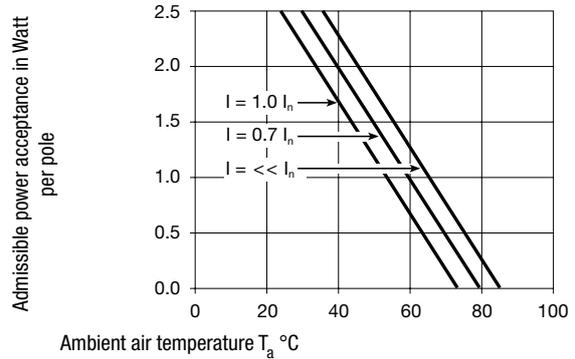
Fuses

6.3 x 32 mm (1-pole)



Fuses

6.3 x 32 mm (2-pole, per pole)



All Variants

| Type | Panel mounting | Panel Thickness s [mm] | Fuseholder | Line Switch | Order Number |
|------|----------------|------------------------|------------|---------------|---------------|
| KG | Snap-in | 1.5 | 1-pole | Rocker switch | KG16.5101.105 |
| KG | Snap-in | 2 | 1-pole | Rocker switch | KG16.5101.107 |
| KG | Snap-in | 2.5 | 1-pole | Rocker switch | KG16.5101.109 |
| KG | Snap-in | 1.5 | 2-pole | Rocker switch | KG10.6101.105 |
| KG | Snap-in | 2 | 2-pole | Rocker switch | KG10.6101.107 |
| KG | Snap-in | 2.5 | 2-pole | Rocker switch | KG10.6101.109 |
| KG | Screw | - | 1-pole | Rocker switch | KG16.5101.151 |
| KG | Screw | - | 2-pole | Rocker switch | KG10.6101.151 |

Most Popular.

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

Packaging unit

20 Pcs

Required Accessory

Description

Voltage Selectors Insert 1

Voltage Selector Insert to KE, CE, KG, CG



| | |
|--|--------------|
| 3 or 4 switch positions | 4305.0048.00 |
| 1, 3 or 4 switch positions, 100, 120, 220, 240 | 4305.0048.01 |
| 3, 3 or 4 switch positions, 130, 110, 240, 220 | 4305.0048.02 |
| 2, 2 switch positions, 110, 220 | 4305.0048.03 |

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Fusedrawer 1

Fusedrawer for Fuse Links 5x20 mm resp. 6.3x32 mm



| | |
|------------------|-----------|
| 5 x 20, 2-pole | 4305.0001 |
| 5 x 20, 1-pole | 4305.0006 |
| 6.3 x 32, 2-pole | 4305.0011 |
| 6.3 x 32, 1-pole | 4305.0016 |

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Jumper Wire 1

Connection with Stranded Cable

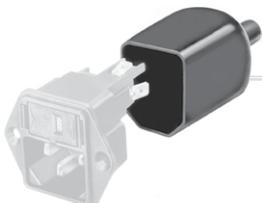


| | |
|----------------|-----------|
| Type A, 70 mm | 0881.0074 |
| Type A, 100 mm | 0881.0075 |
| Type B, 70 mm | 0881.0076 |
| Type B, 100 mm | 0881.0077 |

Accessories

Assorted Covers

Rear Cover



0859.0109

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 KG

[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 KG | ... |

Mating Outlets/Connectors shuttered

[Power Cord Overview complete](#)



| | |
|---|-----------|
| VAC17KS, North America, 2.0 m, Connector C17, cord end: | 6051.2801 |
| VAC17KS, Europlug, 2.0 m, Connector IEC C17, cord end: | 6051.2803 |
| VAC17KS, Europlug, 2.0 m, Connector IEC C17, cord end: | 6051.2813 |
| VAC13KS, Overview, diverse Connector IEC C13, cord end: | VAC13KS |
| Power Cord further types to KG | |

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Schurter:

[KG10.6101.151](#) [KG10.6101.105](#) [KG10.6101.107](#) [KG16.5101.151](#) [KG10.6101.109](#) [KG10.6199.105](#) [KG10.6199.151](#)
[KG15.6199.151](#) [KG16.5101.105](#) [KG16.5101.107](#) [KG16.5101.109](#)