IEC Appliance Inlet C14 with Filter, Line Switch 1-pole

C14

70° C

RoHS COMPLIANT

Description
- Panel Mount :
  Screw-on mounting from front side
- 3 Functions :
  Appliance Inlet Protection class I , Line Switch 1-pole , Line-filter in standard version
- Quick connect terminals 6.3 x 0.8 mm

Approvals
- VDE Certificate Number: 40004665 (FKS)
- UL File Number: E72928 (FKS)

Characteristics
- All single elements are already wired
- Line switch non-illuminated
- With EMC-shield
- Suitable for use in equipment according to IEC/UL 60950

References
Alternative: version without line filter   KEB1
We recommend for new applications the new type   DC12

Weblinks
pdf datasheet, html-datasheet, General Product Information, RoHS, CHINA-RoHS, REACH, Distributor-Stock-Check, Accessories, Detailed request for product

Technical Data

Ratings IEC	1 - 10 A @ Ta 40 °C / 250 VAC; 50 Hz
Ratings UL/CSA	1 - 10 A @ Ta 40 °C / 125 VAC; 60 Hz
Leakage Current	standard < 0.5 mA (250 V / 60 Hz)
Dielectric Strength	> 1.7 kVDC between L-N > 2.7 kVDC between L/N-PE Test voltage (2 sec)
Allowable Operation Temp.	-25 °C to 85 °C
Climatic Category	25/085/21 acc. to IEC 60068-1
IP-Protection	from front side IP 40 acc. to IEC 60529
Protection Class	Suitable for appliances with protection class I acc. to IEC 61140
Terminal	Quick connect terminals 6.3 x 0.8 mm
Panel Thickness s	Screw: max 8 mm Mounting screw torque max 0.5 Nm
Material: Housing	Thermoplastic, black, UL 94V-0

appliance inlet/-outlet	C14 acc. to IEC 60320-1, UL 498, CSA C22.2 no. 42 (for cold conditions) pin-temperature 70 °C, 10 A, Protection Class I
Line Switch	Rocker switch 1-pole, non-illuminated, acc. to IEC 61058-1 Technical Details
Line Filter	Standard Version, IEC 60939, UL 1283, CSA C22.2 no. 8 Technical Details
MTBF	> 2'100'000 h acc. to MIL-HB-217 F

Detailed information on product approvals, code requirements, usage instructions and detailed test conditions can be looked up in General Product Information
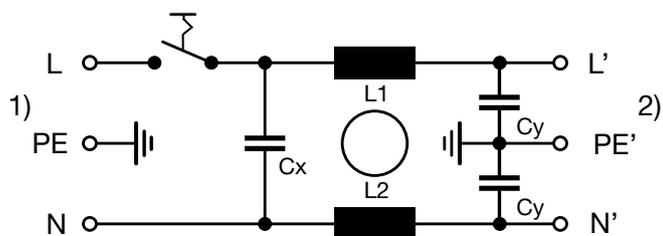
Dimension
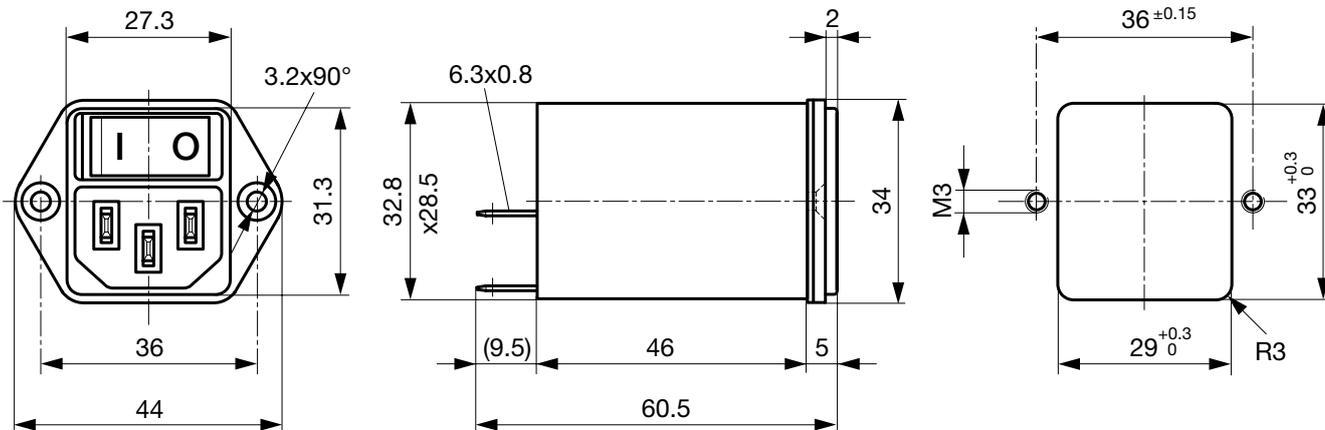
Technical Data of Filter-Components

Rated Current [A]	Filter-Type	Inductances L [mH]	Capacitance CX [nF]	Capacitance CY [nF]
1	Standard Version	2 x 10	68	2.2
2	Standard Version	2 x 4	68	2.2
4	Standard Version	2 x 1.5	68	2.2
6	Standard Version	2 x 0.8	68	2.2
10	Standard Version	2 x 0.3	68	2.2

Diagrams

1) Line
2) Load

Attenuation Loss

Standard version

- - - - 50Ω differential mode _____ 50Ω common mode

1 A

2 A

4 A

6 A
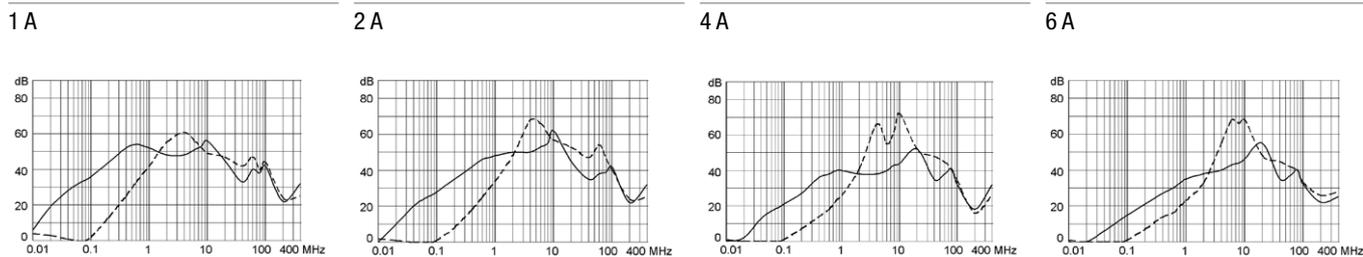
10 A
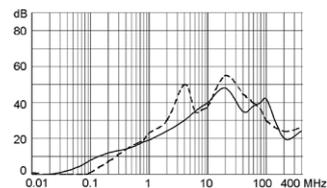
All Variants

Rated Current [A]	Filter-Type	Order Number	
1	Standard Version	4302.5001	▌
2	Standard Version	4302.5002	
4	Standard Version	4302.5003	▌
6	Standard Version	4302.5004	
10	Standard Version	4302.5005	

▌ Most Popular.

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

Packaging unit   10 Pcs

Accessories

Description

Assorted Covers
Rear Cover

0859.0075

Cord retaining kits
Cord retaining strain relief

Countersunk, B   4700.0002

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 KFB1

Connector Overview complete

4782 Mounting: Power Cord, 3 x 1 mm² / 3 x 18 AWG, Cable, Connector: IEC C13	4782
4022 Mounting: Power Supply Cord, 3 x 1.5 mm², Screw clamps, Connector: IEC C13	4022
4785 Mounting: Power Cord, 3 x 1 mm² / 3 x 18 AWG, Cable, Connector: IEC C13	4785
4300-06 Mounting: Power Cord, 3 x 1 mm² / 3 x 18 AWG, Cable, Connector: IEC C13	4300-06
4012 Mounting: Power Supply Cord, 3 x 1.5 mm², Screw clamps, Connector: IEC C13	4012
Connector further types to KFB1	...

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