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



C14
70° C

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

Approvals
- VDE License Number: 40004665 (FKS)
- UL License Number: E72928 (FKS)

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

References
General Product Information

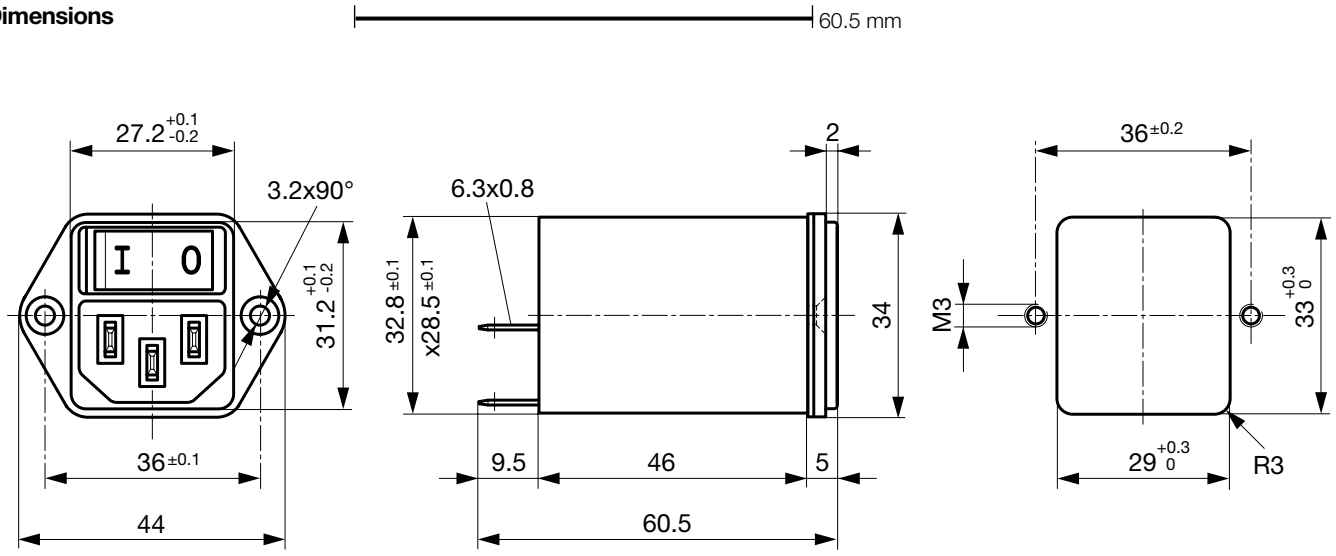
Weblinks
Approvals, RoHS, CHINA-RoHS, Mating Connectors, e-Store, Distributor-Stock-Check, Accessories

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
Degree of Protection	from front side IP 40 acc. to IEC 60529
Protection Class	Suitable for appliances with protection class 1 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/EN 60320-1, UL 498, CSA C22.2 no. 42 (for cold conditions) pin-temperature 70 °C, 10 A, Protection Class 1
Line Switch	Rocker switch 1-pole, non-illuminated, acc. to IEC 61058-1 Technical details
Line Filter	Standard Version, IEC 60939, IEC 60601-1, UL 1283, UL 544, EN 133 200, CSA C22.2 no. 8 Technical details
MTBF	> 2'100'000 h acc. to MIL-HB-217 F

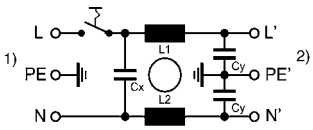
Dimensions



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



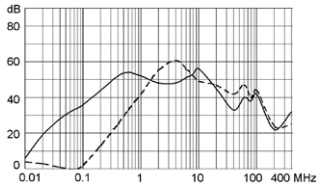
1) Line
2) Load

Attenuation Loss

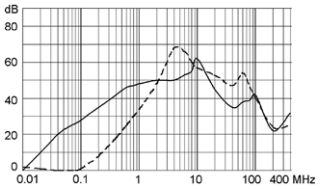
- - - - differential mode _____ common mode

Standard version

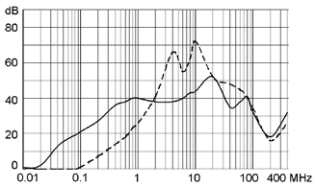
1 A



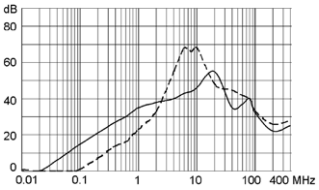
2 A



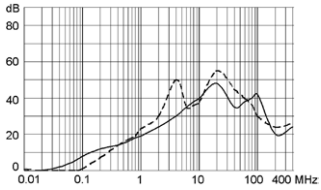
4 A



6 A



10 A

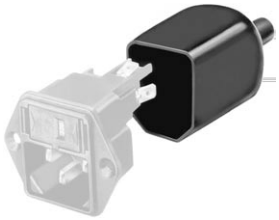


Variants

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

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 or Quick-connect 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
	IEC Appliance Outlet F or H, Screw-on Mounting, Front Side, Solder or Quick-connect Terminal	5092
	Appliance Outlet further types to KFB1	
	Connector Overview complete	
	IEC Connector C15, Rewireable, Straight	0101
	IEC Connector C15A, Rewireable, Straight	0102
	IEC Connector C15A, Rewireable, Straight	0102-G
	IEC Connector C15A, Rewireable, Angled	0112
	IEC Connector C13, Rewireable, Angled	4012
	Connector further types to KFB1	...
	Power Cord Overview complete	
	Power Cord with IEC Connector C13, Angled	0311
	Power Cord with IEC Connector C13, Angled	3011
	Power Cord with IEC Connector C13, Angled	3012
	Power Cord with IEC Connector C13, Angled	3013
	Power Cord with IEC Connector C13	3020
	Power Cord further types to KFB1	...

The specifications, descriptions and illustrations indicated in this document are based on current information. All content is subject to modifications and amendments.