

IEC Appliance Inlet C14 with Filter, Increased Dielectric Strength

V-Lock



C14  
  
 70° C



### Description

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

### Approvals

- VDE Certificate Number: 40004665
- UL File Number: E72928

### Characteristics

- Compact design with optimal shielding
- All single elements are already wired
- Universal line filter for standard applications  
With enhanced surge withstand voltage
- Qualified for use in equipment according IEC/EN 60950

### References

#### Weblinks

[General Product Information](#), [Approvals](#), [RoHS](#), [CHINA-RoHS](#), [Mating Connectors](#), [e-Store](#), [SCHURTER-Stock-Check](#), [Distributor-Stock-Check](#), [Accessories](#)

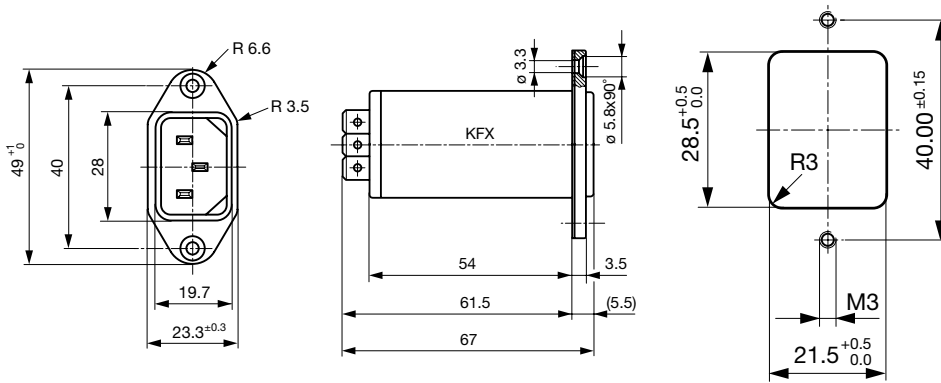
Newly available variants corresponding to V-Lock mating cordset. The connector is equipped with a notch intended for use with the latching cordset. The cord latching system prevents against accidental removal of the cordset.

### Technical Data

Ratings IEC	1 - 10A @ Ta 40 °C / 250VAC; 50Hz
Ratings UL/CSA	1 - 10A @ Ta 40 °C / 125VAC; 60Hz
Leakage Current	standard < 0.5mA (250V / 60Hz)
Dielectric Strength	> 1.7 kVDC between L-N > 2.7 kVDC between L/N-PE Test voltage (2 sec)
Impulse Withstand Voltage	> 4kV between L-N (CX1) > 5kV between L/N-PE
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 8mm Mounting screw torque max 0.5Nm
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, 10A, Protection Class 1
Line Filter	Standard Version, IEC 60939, IEC 60601-1, UL 1283, UL 544, EN 133 200, CSA C22.2 no. 8 <a href="#">Technical details</a>
MTBF	> 3'100'000h acc. to MIL-HB-217 F

## Dimensions

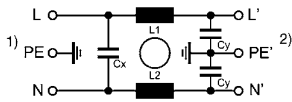


## Technical Data of Filter-Components

Rated Current [A]	Filter-Type	Inductances L [mH]	Capacitance CX [nF]	Capacitance CY [nF]
1	Standard Version	2 x 10	47	2.2
2	Standard Version	2 x 4	47	2.2
4	Standard Version	2 x 1.5	47	2.2
6	Standard Version	2 x 0.8	47	2.2
10	Standard Version	2 x 0.3	47	2.2

## Diagrams

Standard version



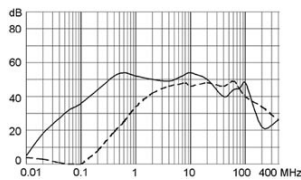
- 1) Line
- 2) Load

## Attenuation Loss

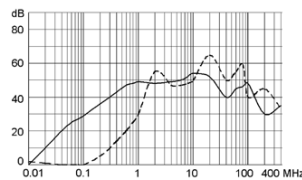
..... 0.1/100Ω differential mode ..... 100/0.1Ω differential mode - - - differential mode \_\_\_\_ common mode

Standard version

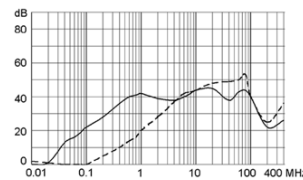
1 A



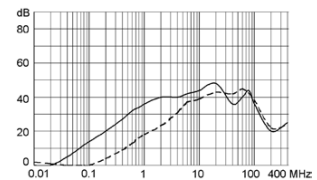
2 A



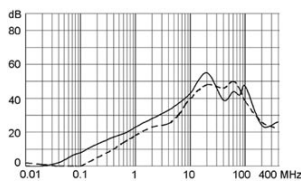
4 A



6 A



10 A



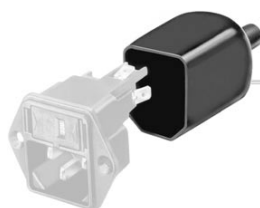
**Variants**

Type	Rated Current [A]	Filter-Type	CX Class	Order Number
KFX	1	Standard Version	X1	4300.5061
KFX	2	Standard Version	X1	4300.5062
KFX	4	Standard Version	X1	4300.5063
KFX	6	Standard Version	X1	4300.5064
KFX	10	Standard Version	X1	4300.5065

**Packaging unit** 10 Pcs

**Accessories**

**Description**



Assorted Covers  
Rear Cover

0859.0048



Cord retaining kits  
Cord retaining strain relief

Flat head, Z  
Countersunk, C

0888.0021  
4700.0003

**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
IEC Appliance Outlet F or H, Screw-on Mounting, Front Side, Solder or Quick-connect Terminal	5092

[Appliance Outlet further types to KFX](#)

[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 KFX](#)

[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 KFX](#)