

1-stage filter with 3-phase CEE connector



Approvals and Compliances

Description

- 3 Phase CEE Connector with Filter
- Easy and time saving handling

Unique Selling Proposition

- First CEE power entry module with EMC filter
- Easy prewired solution
- Universal flange for front or rear mounting
- Optimal filter position direct on the power entry

Applications

- Protection against interference voltage from the mains
- Possible interferences generated in the equipment are strongly attenuated
- Suitable for equipment with detachable power cord

Weblinks

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

Technical Data

Rated Current	16 - 32 A @ Ta 40 °C
Rated voltage	277/480 VAC, 50/60 Hz
Approval for	16 - 32 A / 277/480 VAC
Overload Current	1.5 x Ir
Leakage Current	industrial < 10mA (440V / 50 Hz)
Dielectric Strength	277/480 VAC: 2.25 kVDC between L-L 1.7 kVDC between L-N 3 kVDC between L-PE Test voltage (2 sec)
Number of Filter Stages	1-stage
Weight	1.4 kg
Material: Housing	Metal
Sealing Compound	UL 94V-0

Mounting	Screw-on mounting on chassis
Terminal	Screw clamps
Operating Temperature	-40 °C to 85 °C
Climatic Category	40/085/21 acc. to IEC 60068-1
Degree of Protection	IP 20 acc. to IEC 60529
Protection Class	Suitable for appliances with protection class I acc. to IEC 61140
MTBF	> 200'000h acc. to MIL-HB-217 F

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: FMAD CEE

Approval Logo	Certificates	Certification Body	Description
	SEMCO Approvals	SEMCO	Certificate Number: SE/09137-4
	UL Approvals	UL	UL File Number: E72928





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.

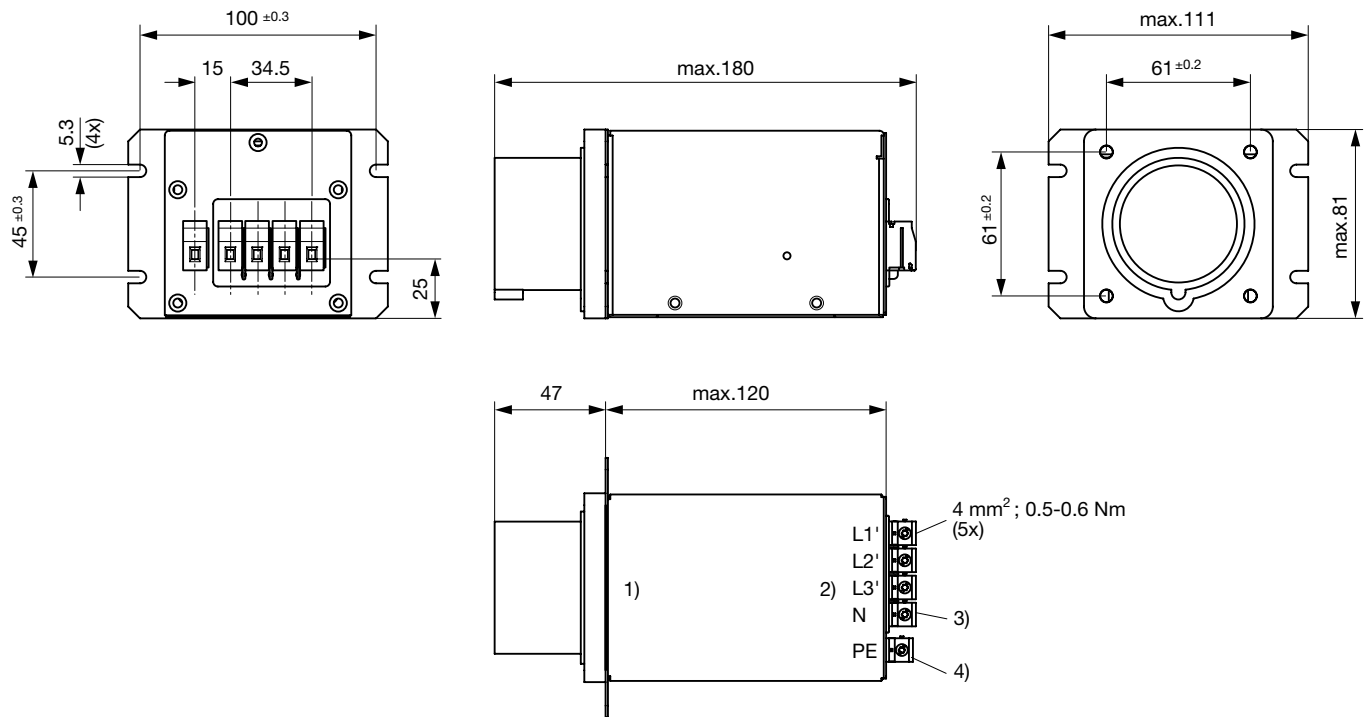
Compliances

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.

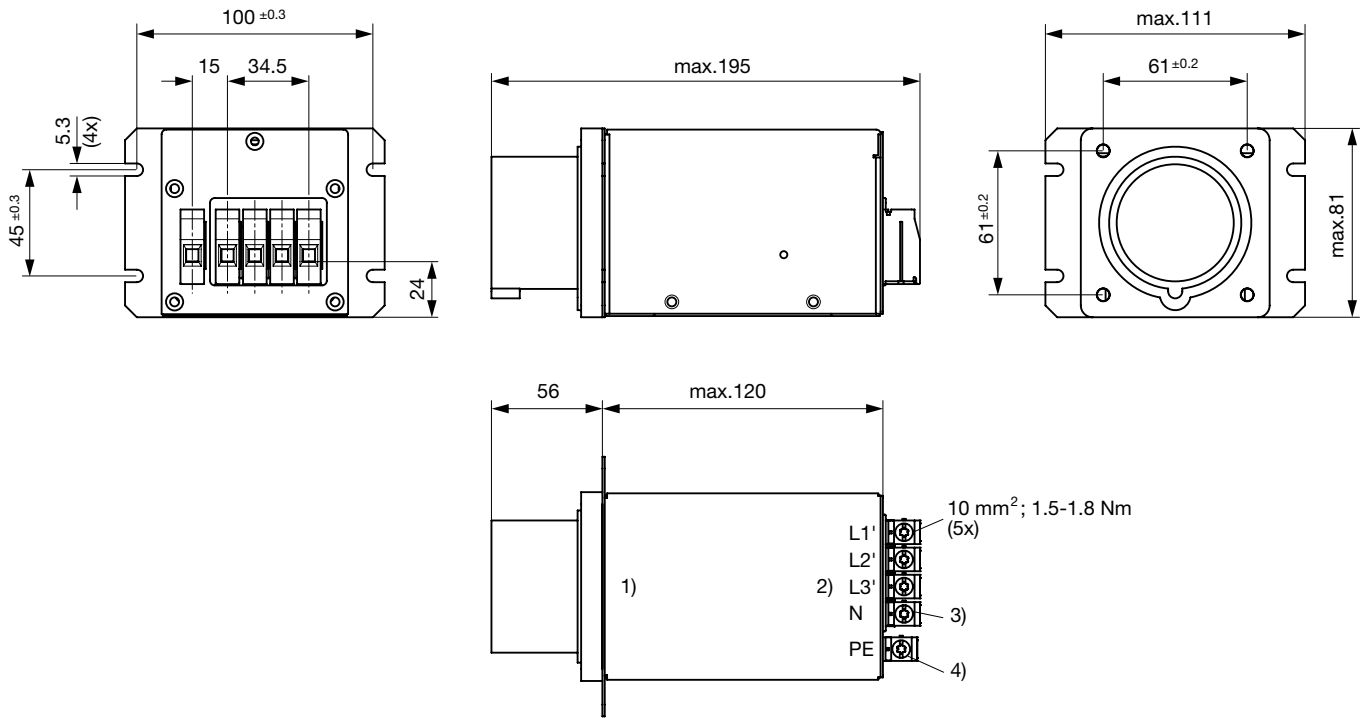
Dimension [mm]

Case QT1



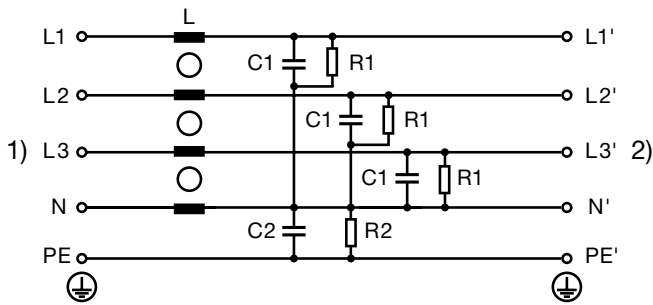
- 1) Line
- 2) Load
- 3) Blue
- 4) Yellow-Green

Case QT3



- 1) Line
- 2) Load
- 3) Blue
- 4) Yellow-Green

Diagrams

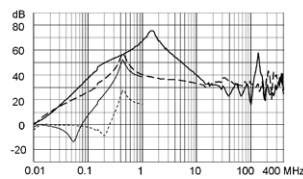
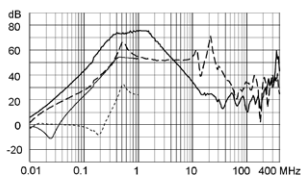


- 1) Line
- 2) Load

Attenuation Loss . . . 0.1/100Ω differential mode 100/0.1Ω differential mode - - - 50Ω differential mode ____ 50Ω common mode
 Industrial version

16 A

30 / 32 A



All Variants

Rated Current @ Ta 50°C (40°C) [A]	Rated Voltage [VAC]	Power _{loss} @ 25°C, 50Hz [W]	Leakage Current @ 400VAC, 50Hz	Weight [kg]	Screw clamps [mm ²] ²⁾	Housings	Packaging unit	Order Number
16	240/415	5.6	10	1.3 kg	4	QT1	1	FMAD-T4QT-1660.EU
30	277/480	4.3	10	1.4 kg	10	QT3	1	FMAD-T4QT-3060.US
32	240/415	4.9	10	1.4 kg	10	QT3	1	FMAD-T4QT-3260.EU

Most Popular.

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

1) Nominal leakage current acc. to IEC60950 - 5.2.5. under normal operating conditions. Note: worst case leakage current acc. to IEC60950 - Annex G4 (situation with two interrupted lines) can be much higher.

2) Maximum conductor cross section (wire gauge) to be used; a comparative table for AWG and mm² values can be found in the general product information www.schurter.com/emc_info