FMAD CEE

1-stage filter with 3-phase CEE connector

new





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

Approvals
- UL File Number: E72928
- ENEC File Number: SE/09137-4

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, Approvals, CE declaration of conformity, RoHS, CHINA-RoHS, REACH, Distributor-Stock-Check, Detailed request for product

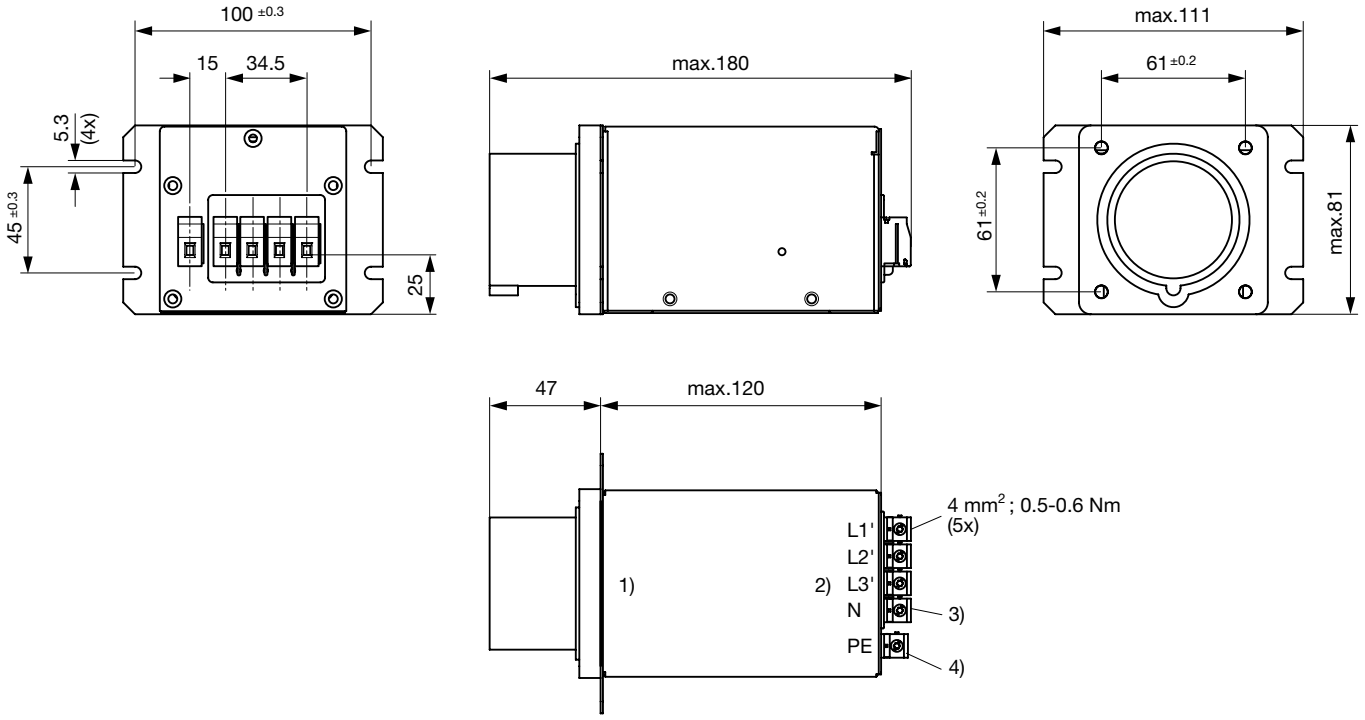
Technical Data

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 < 10 mA (440 V / 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	> 200'000 h acc. to MIL-HB-217 F

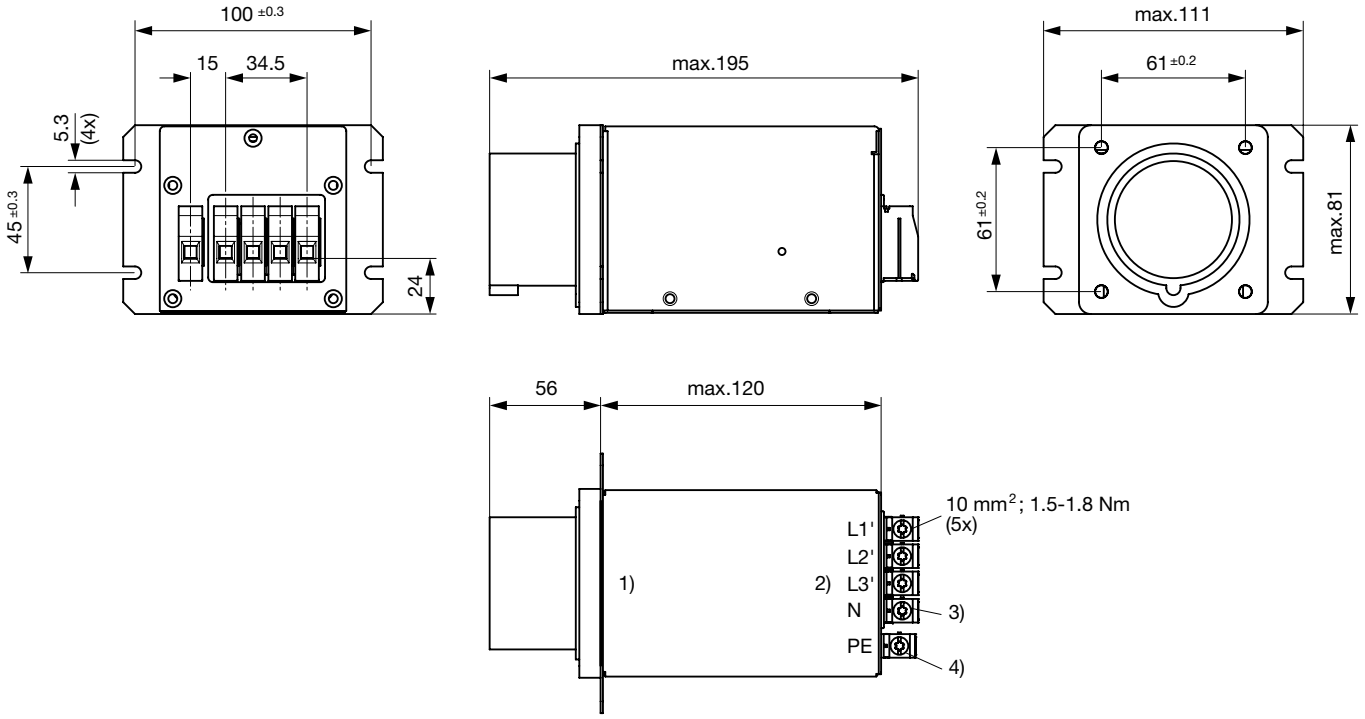
Dimension

Case QT1



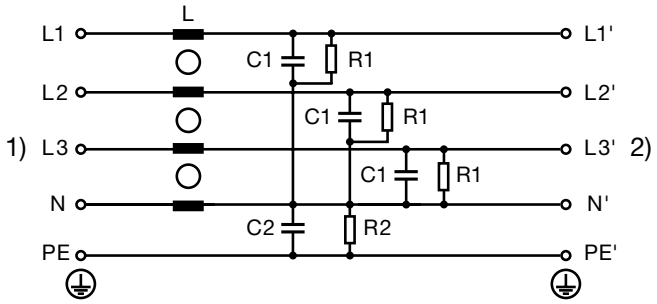
1) Line
2) Load
3) Blue
4) Yellow-Green

Case QT3



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

Diagrams

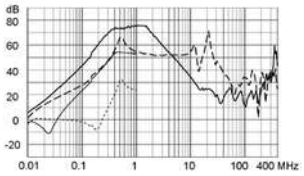


1) Line
2) Load

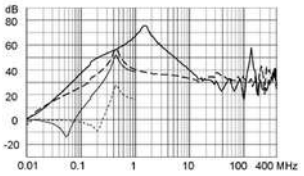
Attenuation Loss . . . 0.1/100Ω differential mode ..... 100/0.1Ω differential mode - - - - 50Ω differential mode _____ 50Ω common mode

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:http://www.schurter.com/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 mm^2 values can be found in the general product information www.schurter.com/emc_info

21.11.2016

The specifications, descriptions and illustrations indicated in this document are based on current information. All content is subject to modifications and amendments. Information furnished is believed to be accurate and reliable. However, users should independently evaluate the suitability and test each product selected for their own applications.