

MEF EMC-FILTER 3-PHASE 2-STAGE

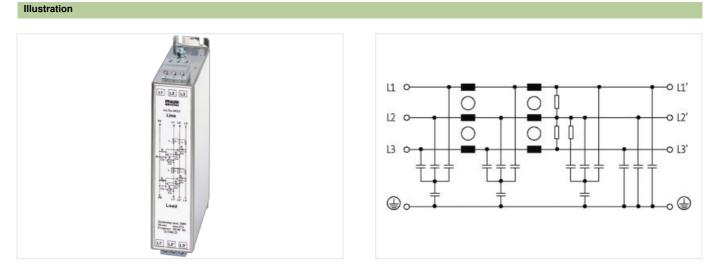
I:80A U:3x500 VAC book-style

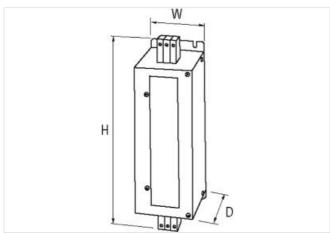
Current: 80 A

2-stage

The MEF 3/1-3/2 3-phase and 1-/2-stage mains suppression filters are used in the 0.1...30 MHz range to suppress conducted interference on mains and supply lines. They are suitable for TN-C networks. The best filter effect is achieved with short connecting lines (recommendation: PE connection < 10 cm) with the largest possible cross sections. Line suppression filters act bidirectionally (in both directions). They reduce symmetrical and asymmetrical interference, which often occurs with frequency converters and switched-mode power supplies.

Link to Product





Product may differ from Image



| Commercial data | |
|-----------------|----------|
| ECLASS-6.0 | 27130806 |
| ECLASS-6.1 | 27420201 |
| ECLASS-7.0 | 27420290 |

The information in this Product-PDF has been compiled with the utmost care.

Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-02

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| ECLASS-0.12742030ECLASS-11.12742030ECLASS-12.02742003ECLASS-13.12742003ECLASS-13.02742003ECLASS-13.0EC00244Continue Information855030GIN4048370317Packaging unit1Electrical dataImage 2017Electrical dataImage 2017Packaging unit1 Sm 4@ 250 VAC, 50 HzElectrical dataSo 60 HzConventing vallage AC max.500 VElectrical dataSo 60 HzConventing vallage AC max.500 VElectrical dataInputElectrical dataSo 60 HzConventing vallage AC max.500 VElectrical dataSo 60 HzConventing vallage AC max.500 HZConventing vallage AC max.50 | ECLASS-8.0 | 27420290 |
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| ECLASS-111 27420208 ECLASS-12.0 27420208 ECLASS-12.0 27420208 ETMA 5.0 EC02498 customs staff innber 8558030 GTM 404877020117 Parkaging unit 1 Electrical data 15m A @ 250 V AC, 50 Hz Electrical data I Supply - Parkaging AC max. 500 V Electrical data I Gupt - Operating vallage AC max. 500 V Electrical data I Gupt - Connection crease-section solid min. 0.5 mm² Connection crease-section solid min. <td>ECLASS-9.0</td> <td>27420290</td> | ECLASS-9.0 | 27420290 |
| ECLASP.12.0 2740208 ETM 5.0 EC002498 automs tariff mumber 8538030 GTM 448877020117 Packaging unit 1 Electrical data Electrical data Power fragunoy 5060 Hz Operating voltage AC max. 500 V Electrical data Supply Power fragunoy 5060 Hz Operating voltage AC max. 500 V Electrical data Output 3 Electrical data Output Connection cross-section stilt make (NI) max. 0.5 ms; 1.5x (NI) max. 1 min. (1x per haur) Installation 0.5 mm² Connection cross-section stilt maked. 0. | ECLASS-10.1 | 27420208 |
| ETIN 6.0 ECO02488 customs taiff number 85820300 GTIN 41484579029117 Packaging unit 1 Electrical data 15 mA (@ 250 V AC, 50 Hz Electrical data 15 mA (@ 250 V AC, 50 Hz Electrical data 15 mA (@ 250 V AC, 50 Hz Electrical data 15 mA (@ 250 V AC, 50 Hz Electrical data 15 mA (@ 250 V AC, 50 Hz Electrical data 15 mA (@ 250 V AC, 50 Hz Electrical data 15 mA (@ 250 V AC, 50 Hz Electrical data 15 mA (@ 250 V AC, 50 Hz Electrical data 15 mA (@ 250 V AC, 50 Hz Electrical data 15 mA (@ 250 V AC, 50 Hz Consection cross escolon solid min. 5 mP Connection cross escolon solid max. 25 mP Connection cross escolon solid max. 20 AMX AVG number solid max. 3 AVG number solid max 3 Electrical data 3 JV | ECLASS-11.1 | 27420208 |
| austors suff number 6586500 GTN 4048678029117 Packaging unit 1 Electrical data Laslage current max. 15 mA (# 250 V AC. 50 Hz Electrical data [Soppi Power frequency 50 00 Hz Coperating voltage AC max. 500 V Electrical data [Input 3 Electrical data [Input 3 Electrical data [Input 5 Contrediction crise-section solid min. 0.5 mm ² Contrediction crise-section sol | ECLASS-12.0 | 27420208 |
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| Operating voltage AC max. 500 V Electrical data Input Image mumber input 3 Phase mumber input 3 Image mumber input Imag | Electrical data Supply | |
| Electrical data input 3 Phase number input 3 Electrical data Output | Power frequency | 50 60 Hz |
| Phase number input 3 Electrical data Output 18× (IN 1) max. 0.5 ms; 1.5× (IN 1) max. 1 min. (1× per hour) Installation 0.5 mm³ Connection cross-section solid min. 0.5 mm³ Connection cross-section solid max. 25 mm³ Connection cross-section stranded/fine- stranded min. 0.5 mm³ AWG number solid max. 3 AWG number solid max. 3 AWG number stranded/fine- stranded fine. 20 Insulation test vottage L- Not aga <t< td=""><td>Operating voltage AC max.</td><td>500 V</td></t<> | Operating voltage AC max. | 500 V |
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| Mechanical data Mounting dataMounting methodscrewedHeight295 mmWidth70 mmDepth177 mmEnvironmental characteristics ClimaticClimatic category (EN IEC 60068-1)25/085/21Connection type 2ConnectionScrew terminals SKFamily construction formterminalGenderfemaleColor contact carriergrayNo. of poles3PIN 1L 1PIN 2L 2PIN 3L 3ConnectionScrew terminals SK | Insulation test voltage L-L | 3,1 kV |
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| Height295 mmWidth70 mmDepth177 mmEnvironmental characteristics ClimaticClimatic category (EN IEC 60068-1)25/085/21Connection type 2Connection formScrew terminals SKFamily construction formterminalGenderfemaleColor contact carriergrayNo. of poles3PIN 1L 1PIN 2L 2PIN 3L 3ConnectionScrew terminals SK | Mechanical data Mounting data | |
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| Depth177 mmEnvironmental characteristics ClimaticClimatic category (EN IEC 60068-1)25/085/21Connection type 2ConnectionScrew terminals SKFamily construction formterminalGenderfemaleColor contact carriergrayNo. of poles3PIN 1L 1PIN 2L 2PIN 3L 3ConnectionScrew terminals SK | Height | 295 mm |
| Environmental characteristics ClimaticClimatic category (EN IEC 60068-1)25/085/21Connection type 2ConnectionScrew terminals SKFamily construction formterminalGenderfemaleColor contact carriergrayNo. of poles3PIN 1L 1PIN 2L 2PIN 3L 3ConnectionScrew terminals SK | Width | 70 mm |
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| Connection type 2ConnectionScrew terminals SKFamily construction formterminalGenderfemaleColor contact carriergrayNo. of poles3PIN 1L 1PIN 2L 2PIN 3L 3ConnectionScrew terminals SK | Environmental characteristics Climatic | |
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| Color contact carriergrayNo. of poles3PIN 1L 1PIN 2L 2PIN 3L 3ConnectionScrew terminals SK | Family construction form | terminal |
| No. of poles 3 PIN 1 L 1 PIN 2 L 2 PIN 3 L 3 Connection Screw terminals SK | Gender | female |
| PIN 1 L 1 PIN 2 L 2 PIN 3 L 3 Connection Screw terminals SK | Color contact carrier | gray |
| PIN 2 L 2 PIN 3 L 3 Connection Screw terminals SK | No. of poles | 3 |
| PIN 3 L 3 Connection Screw terminals SK | PIN 1 | L1 |
| Connection Screw terminals SK | PIN 2 | L 2 |
| | PIN 3 | L 3 |
| Family construction form terminal | Connection | Screw terminals SK |
| | Family construction form | terminal |

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| Gender | female | |
|-----------------------|--------|--|
| Color contact carrier | gray | |
| No. of poles | 3 | |
| PIN 1 | L 1' | |
| PIN 2 | L 2' | |
| PIN 3 | L 3' | |

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