

MEF EMC-FILTER 3-PHASE 2-STAGE

I:12A U:3x500 VAC book-style

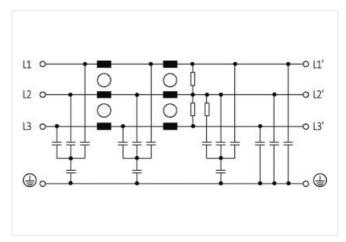
Current: 12 A 2-stage

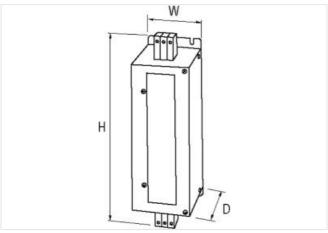
The MEF 3/1-3/2 3-phase and 1-/2-stage mains suppression filters are used in the 0.1...30 MHz range to suppress conducted interference on mains and supply lines. They are suitable for TN-C networks. The best filter effect is achieved with short connecting lines (recommendation: PE connection < 10 cm) 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

Illustration







Product may differ from Image





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

Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-04-30



stay	connect	ted

ECLASS 9.0 2740200 ECLASS 11.1 27420208 ECLASS 11.1 27420208 ECLASS 11.1 27420208 ECLASS 11.2 27420208 ECLASS 11.2 27420208 ECLASS 11.2 27420208 ECLASS 11.1 40487091462 College Control of Managery 1.2 40487091462 Package current max 15 m A @ 250 V AC, 50 Hz Electrical data Supply 50 60 Hz Power fraquency 50 60 Hz Celectrical data Power 18 (N I) max 0 5 m; 1.5 v (N I) max 1 min. (1 v per hour) Institution cross-section said and managery fragery 10 mm² Connection cross-section said managery 2 mm² </th <th>ECLASS-8.0</th> <th>27420290</th>	ECLASS-8.0	27420290
ECLASS-11.1 27420208 ETIM 8.0 EXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	ECLASS-9.0	27420290
ECLASS-12.0 2PY602058 ETMI-5.0 EC002498 cascoms tarfi number 8558010 GTM 4948879029162 Packaging unit 1 Electrical data Leakage current max. 15 mA @ 250 V AC, 50 Hz Electrical data Susphy Power frequency 5060 Hz Cleaterical data Output Electrical data Output User land data Output Description data Output User land data Output Output Output Output Output Output Output Output Output Output Output Output Output Output Output Output Output Output Output	ECLASS-10.1	27420208
ETM 5.0 ECXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	ECLASS-11.1	27420208
customs tartiff number 8536310 GTIN 4468879029182 Packaging unit 1 Electrical data 1 Electrical data IS Supply 50 60 Hz Powarin requency 50 60 Hz Operating voltage AC max 500 V Electrical data I Duptu 50 60 Hz Phase number input 3 Electrical data Cubput 64 x (N t) max. 1 min. (tx per hour) Installation 2.0 mm² Connection cross section sold min. 0.2 mm² Connection cross section siden defines attended min. 10 mm² Connection cross section siden defines attended min. 24 AWG number sold min. 24 AWG number sold min. 24 AWG number standed films attended min. 28 Insulation test voltage 1 3,1 kV Insulation test voltage 1 3,1 kV Insulation test voltage 1 3,2 kV	ECLASS-12.0	27420208
GTN 4048879029162 Packaging unit 1 Electrical dista Leakage current max. 15 mA @ 250 V AC, 50 Hz Electrical dista Suppty Power frequency 50 60 Hz Operating voltage AC max. 500 V Electrical dista Input 3 Phase number input 3 3 Electrical dista Output Use Pleade current 18 × (IN t) max. 0.5 ms; 1.5 × (IN t) max. 1 min. (1× per hour) Electrical dista Output Use Pleade current 18 × (IN t) max. 0.5 ms; 1.5 × (IN t) max. 1 min. (1× per hour) Connection cross section solid min. 0.2 mm² Connection cross section stranded filme. 0.2 mm² Connection cross-section stranded filme. 0.2 mm² Connection cross-section stranded filme. 0.2 mm² Stranded min. 0.2 mm² AWG number stranded filme. 0.2 mm² AWG number stranded filme stranded min. 0.4 Duration insulation test voltage L. 0	ETIM-5.0	EC002498
Packaging unit 1 Electrical data 15 mA @ 250 V AC, 50 Hz Electrical data Suppty 50 m € 200 V Power flequency 50 m € 200 V Clectrical data Input 500 V Phase number risput 3 Electrical data Output 50 m € 200 M €	customs tariff number	85363010
Electrical data Supply Is mA @ 250 V AC. 50 Hz Electrical data Supply 50 60 Hz Operating voltage AC max. 500 V Electrical data Input Name of Passe number input Phase number input 3 Electrical data Output Userfact during input Connection cross-section solid min. 0.2 mm² Connection cross-section solid min. 0.2 mm² Connection cross-section solid max. 10 mm² Connection cross-section standed filme-standed filme-standed max. 0 mm² AWG number solid min. 2.4 mm² AWG number solid min. 24 AWG number solid min. 24 AWG number stranded film stranded min. 24 AWG number stranded films. 2 s AWG number stranded films. 2 s AWG number stranded films. 3 st V Duration insulation test voltage L. 3 st V Mounting method 50 mm Begin test voltage L. No 3 st V Mounting method 50 mm Depth 140 mm Electrical stander input 25 mm² <td>GTIN</td> <td>4048879029162</td>	GTIN	4048879029162
Leakage current max. 15 mA @ 250 V AC, 50 Hz Electrical data Supply Power frequency 50 60 Hz Operating voltage AC max. 500 V Electrical data Input 1 Phase number input 3 Electrical data Output 18x (IN1) max. 0.5 ms; 1.5x (IN1) max. 1 min. (1x per hour) Overload current 18x (IN1) max. 0.5 ms; 1.5x (IN1) max. 1 min. (1x per hour) Installation 0.2 mm² Connection cross-section solid min. 0.2 mm² Connection cross-section stranded/file-stranded min. 0.2 mm² Connection cross-section stranded/file-stranded min. 0.2 mm² AWG number solid min. 24 AWG number solid min. 24 AWG number stranded/file stranded min. 24 AWG number stranded/file stranded min. 2 Device protection Electrical 2 Duration insulation test voltage L-L 3.1 kV Insulation test voltage L-N 3.3 kV Mounting method screwed Height 28 mm Wright 50 mm Depth 140 mm <t< td=""><td>Packaging unit</td><td>1</td></t<>	Packaging unit	1
Electrical data Supply Power frequency 50 50 Hz Operating voltage AC max. 500 V Electrical data Input Phase number input 3 Electrical data Output Overload current 18* (INI) max. 0.5 ms; 1.5* (INI) max. 1 min. (1* per hour) Installation Connection cross-section solid min. 0.2 mm² Connection cross-section solid max. 10 mm² Connection cross-section stranded-fine-stranded-fine-stranded min. 6 mm² Connection cross-section stranded-fine-stranded-fine-stranded min. 6 mm² AWG number solid min. 24 AWG number stranded-fine stranded min. 3 kW Device protection Electrical 3 kW Insulation test voltage 1-1. 3,1 kW Insulation test voltage 1-1. 3,1 kW Mounting method screwed Height 25 mm Width 50 mm<	Electrical data	
Power frequency 50 80 Hz Operating voltage AC max. 500 V Electrical data Input 500 V Phase number input 3 Electrical data Output 18x (IN t) max. 0.5 ms; 1.5x (IN t) max. 1 min. (1x per hour) Installation Connection cross-section solid msi. 0.2 mm² Connection cross-section strandeo/fine-strandeo/fine-strandeo/fine-strandeo/fine-strandeo min. 0.2 mm² Connection cross-section strandeo/fine-stra	Leakage current max.	15 mA @ 250 V AC, 50 Hz
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Phase number input 3	Operating voltage AC max.	500 V
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Description 18	Phase number input	3
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Name		18× (IN t) max. 0.5 ms; 1.5× (IN t) max. 1 min. (1× per hour)
Connection cross-section solid min. 0,2 mm² Connection cross-section standed/line-stranded min. 0,2 mm² Connection cross-section stranded/line-stranded min. 6 mm² Connection cross-section stranded/line-stranded min. 24 AWG number solid min. 24 AWG number stranded/line stranded min. 24 Device protection Electrical 2 Duration insulation test voltage 2 s 3.1 kV Insulation test voltage L-L 3.1 kV Insulation test voltage L-N 3.3 kV Mechanical data Mounting data Width 50 mm Depth 140 mm Environmental characteristics Climatic Climatic category (EN IEC 6008-1) 25/085/21 Connection Screw terminals SK Family construction form terminal Gender female Color contact carrier gray		
Connection cross-section standed/fine-stranded min. 0,2 mm²		0.0 mm²
Connection cross-section stranded/fine- stranded min. 6 mm² 6 mm² Connection cross-section stranded/fine- stranded max. AWG number solid min. 24 AWG number stranded/fine stranded min. 24 AWG number stranded/fine stranded min. 29 Pevice protection Electrical Duration insulation test voltage 2 s Insulation test voltage L-L 3,1 kV Insulation test voltage L-L 3,3 kV Mechanical data Mounting data Mounting method screwed Height 226 mm Width 50 mm Depth 140 mm Environmental characteristics Climatic Climatic category (EN IEC 60068-1) 25/085/21 Connection type 2 Connection Screw terminals SK Family construction form terminal Gender female Color contact carrier gray No. of poles 3 PiN 1 L 1 PiN 2 L 2 PiN 3 L 3 Connection Screw terminals SK	-	· · · · · · · · · · · · · · · · · · ·
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stranded max. 6 mins AWG number solid min. 24 AWG number stranded/fine stranded min. 24 AWG number stranded/fine stranded max. 9 Device protection Electrical	stranded min.	0,2 mm ²
AWG number solid max. 7 AWG number stranded/fine stranded min. 24 AWG number stranded/fine stranded max. 9 Device protection Electrical		6 mm²
AWG number stranded/fine stranded min. 24 AWG number stranded/fine stranded max. 9 Device protection Electrical Duration insulation test voltage 2 s Insulation test voltage L-L 3,1 kV Insulation test voltage L-N 3,3 kV Mechanical data Mounting data Mounting method Method 50 mm Width 50 mm Depth 140 mm Environmental characteristics Climatic Climatic category (EN IEC 60068-1) 25/085/21 Connection type 2 Connection Screw terminals SK Family construction form terminal Gender female Color contact carrier gray No. of poles 3 PIN 1 L 1 PIN 2 L 2 PIN 3 L 3 Connection Screw terminals SK	AWG number solid min.	
AWG number stranded/fine stranded max. Device protection Electrical		
Device protection Electrical Duration insulation test voltage 2 s Insulation test voltage L-L 3,1 kV Insulation test voltage L-N 3,3 kV Mechanical data Mounting data Mounting method Meight 226 mm Width 50 mm Depth 140 mm Environmental characteristics Climatic Climatic category (EN IEC 60068-1) 25/085/21 Connection type 2 2 Connection Screw terminals SK Family construction form terminal Gender female Color contact carrier gray No. of poles 3 PIN 1 L.1 PIN 2 L.2 PIN 3 L.3 Connection Screw terminals SK		
Duration insulation test voltage 2 s Insulation test voltage L-L 3,1 kV Insulation test voltage L-N 3,3 kV Mechanical data Mounting data Mounting method screwed Height 226 mm Width 50 mm Depth 140 mm Environmental characteristics Climatic Climatic category (EN IEC 60068-1) 25/085/21 Connection type 2 Connection Screw terminals SK Family construction form terminal Gender female Color contact carrier gray No. of poles 3 PIN 1 L 1 PIN 2 L 2 PIN 3 L 3 Connection Screw terminals SK Screw terminals SK Connection Screw terminals SK	AWG number stranded/fine stranded max.	9
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Mechanical data Mounting data	Duration insulation test voltage	2 s
Mechanical data Mounting data Mounting method screwed Height 226 mm Width 50 mm Depth 140 mm Environmental characteristics Climatic Climatic category (EN IEC 60068-1) 25/085/21 Connection type 2 Connection Screw terminals SK Family construction form terminal Gender female Color contact carrier gray No. of poles 3 PIN 1 L 1 PIN 2 L 2 PIN 3 L 3 Connection Screw terminals SK	Insulation test voltage L-L	3,1 kV
Mounting method screwed Height 226 mm Width 50 mm Depth 140 mm Environmental characteristics Climatic Climatic category (EN IEC 60068-1) 25/085/21 Connection type 2 Connection Screw terminals SK Family construction form terminal Gender female Color contact carrier gray No. of poles 3 PIN 1 L 1 PIN 2 L 2 PIN 3 L 3 Connection Screw terminals SK	Insulation test voltage L-N	3,3 kV
Height 226 mm Width 50 mm Depth 140 mm Environmental characteristics Climatic Climatic category (EN IEC 60068-1) 25/085/21 Connection type 2 Connection Screw terminals SK Family construction form terminal Gender female Color contact carrier gray No. of poles 3 PIN 1 L 1 PIN 2 L 2 PIN 3 L 3 Connection Screw terminals SK	Mechanical data Mounting data	
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Environmental characteristics Climatic Climatic category (EN IEC 60068-1) 25/085/21 Connection type 2 Connection Screw terminals SK Family construction form terminal Gender female Color contact carrier gray No. of poles 3 PIN 1 L 1 PIN 2 L 2 PIN 3 L 3 Connection Screw terminals SK	Width	50 mm
Climatic category (EN IEC 60068-1) 25/085/21 Connection type 2 Connection Screw terminals SK Family construction form terminal Gender female Color contact carrier gray No. of poles 3 PIN 1 L 1 PIN 2 L 2 PIN 3 L 3 Connection Screw terminals SK	Depth	140 mm
Connection type 2 Connection Screw terminals SK Family construction form terminal Gender female Color contact carrier gray No. of poles 3 PIN 1 L 1 PIN 2 L 2 PIN 3 L 3 Connection Screw terminals SK	Environmental characteristics Climatic	
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Family construction form terminal Gender female Color contact carrier gray No. of poles 3 PIN 1 L 1 PIN 2 L 2 PIN 3 L 3 Connection Screw terminals SK	Connection type 2	
Gender female Color contact carrier gray No. of poles 3 PIN 1 L 1 PIN 2 L 2 PIN 3 L 3 Connection Screw terminals SK	Connection	Screw terminals SK
Color contact carrier gray No. of poles 3 PIN 1 L 1 PIN 2 L 2 PIN 3 L 3 Connection Screw 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		3
PIN 3 L 3 Connection Screw terminals SK		
Connection Screw terminals SK		
Family construction form terminal	-	
	Family construction form	terminal

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: 2024-04-30



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