

COMPACT

MAXIMUM EMC SAFETY WITH MURRELEKTRONIK'S EMPARRO FAMILY

OPTIMAL PROTECTION EMPARRO MEF 1/2

Filters from the Emparro product group provide maximum EMC safety in 230 V circuits – and they are the perfect match for the Emparro switch mode power supply units.

Together they are a strong team: The new single-phase Emparro switch mode power supply units and the Emparro filter modules. They ensure that even the strictest EMC requirements are easily exceeded. Interference emissions are now a thing of the past. This combination provides optimum interference immunity. Integrated surge protection provides additional safety.



GOOD ARGUMENTS

- Perfect match for Emparro switch mode power supplies
- 2-stage filter for perfect results
- Excellent attenuation characteristics
- Wide attenuation range (9 kHz...300 MHz)
- With surge protection and visual display
- Leakage current 3 mA

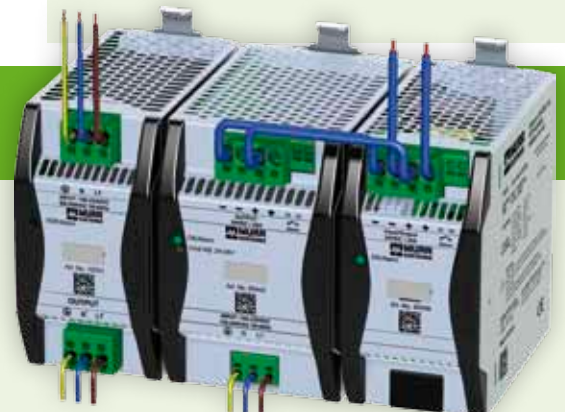


CONVINCING FACTS

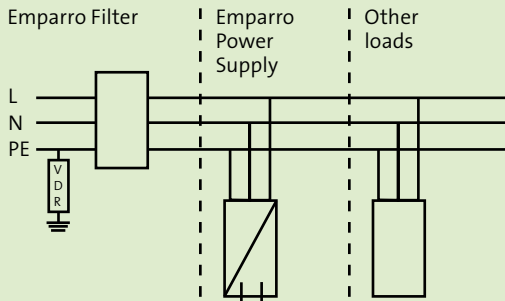
- DIN rail mounting
- Push-in terminals
- Shock resistant up to 15 g
- Approved acc. to UL, CSA, VDE, EN, IEC, and ATEX

EVEN SAFER

Power supply units and filter modules from the Emparro series provide optimum EMC safety which significantly increases system availability. Control interferences or machine failures are now a thing of the past. This consistently prevents overloads.



Application Example



THE UNIVERSAL FILTER FOR YOUR CONTROL CABINET

PERFECT MATCH FOR EMPARRO SWITCH MODE POWER SUPPLIES.

The single-phase, 2-stage EMC filters MEF 1/2 are used to suppress cable carried interference on mains, supply and control cables within the range 9...300 MHz. Voltage interferences irrespective of where they originate, either voltage input or modules, are suppressed.

ORDERING DATA

Emparro MEF 1/2 Nominal current 10 A



Emparro MEF 1/2 Nominal current 20 A



Ordering data	Art. No.	Art. No.
Artikel number	10700	10701
Electrical data		
Operating voltage	230VAC	
Nominal current	50/60 Hz +/- 6 %	
Frequency	9kHz...300 MHz	
Insertion loss under load	20 dB, at 9 KHz 80 dB, from 150 kHz...5 MHz 40 dB, at 30 MHz	
Over voltage protection	Varistors S 20 Type 2 with thermal fuse	
Mechanical data		
Housing	metal housing	
Terminals	Push-in terminals, 3x10 mm ²	
Mounting	snaps on DIN rail	
Dimensions	65 mm x 125 mm x 137 mm	
Ambient temperature	-25...+70°C	
Climatic category	25/70/21	
Approvals		
CE	acc. to RoHS directive 2011/65/EU	
UL/CSA	UL 1283, 5th edition /CSA22.2 NO.8-M1986	
VDE/EN/IEC	IEC/EN 60939-1,60939-2	
ATEX	IEC/EN 60079-0, 60079-15	