

## Harmonic filter **HFM-FB 21-460 - no longer available**

### Advantages

Sinusoidal current consumption from the main in devices with uncontrolled B6U diode rectifiers or controlled B6C thyristor bridges
Compliance with EN 61000-3-2, EN 61000-3-12
Support in the compliance with IEEE 519, D-A-CH-CZ
$\text{Cos}(\phi) > 0.95$ at rated current
Hardly any intermediate circuit voltage dip by comparison with a 4 % uK line reactor
Use of the HFM as a central sum filter for multiple converters possible

### Applications

Harmonic filter module to ensure sinusoidal main currents, reduction of main harmonic currents, increase in system service life and system reliability and compliance with power quality standards such as IEEE 519, TEC 61000-3-2, IEC 61000-3-12.

### Standards

Harmonic filter in accordance with  
EN 61558 Part 1, EN 61558 Part 20, UL 508 17th Ed., CSA 22.2 No. 14-10

### Approvals



UL 506, CSA 22.2

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Type	HFM-FB 21-460 - no longer available	Type	HFM-FB 21-460 - no longer available
<b>Electrical data</b> Operating data Rated current Rated voltage Voltage range Rated frequency THD-I Rated load power* Description of the load Overrating Capacity Efficiency Approvals Approvals Environment Ambient temperature MTBF @ 50 °C/500 V (Mil-HB-217F) Safety and protection Type Insulation class Protection index Safety class SCCR Notes * Order numbers <b>Order Number</b>	3 x 26.00 A	<b>Mechanical data</b> Terminal and mounting Terminals phase Terminals PE Connection cross section [ mm <sup>2</sup> ] Fixing method Measures and weights Weight	Screw clamp, 16 mm <sup>2</sup>
	3 x 480 Vac		Bolt, M8
	460 - 500 Vac		
	60 Hz		Mounting lugs
	7 % typ at nominal load		
	15.0 kW		
	Balanced load by inverter		
	150 % for 60 sec. every 10 min.		
	99.0 %		
	cURus		
	-10 °C to +40 °C, without condensation		
	>200.000 h		
	Metal enclosure		
	IEC=F, UL=class 155		
	IP 00		
	I		
	100 kA		
IE2 efficiencies of the motors and an efficiency >96 % assumed	41.0 kg		
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Subject to change.