



Harmonic filter HF1P 5,70-230

Electrical data

Type	HF1P 5,70-230
Operating data	
Rated voltage	230 Vac
Voltage range	207-253 Vac
Rated current	25.00 A
THD-I	10 % at 50 Hz, 18 % at 60 Hz (nominal load)
Rated load power*	5.50 kW
Description of the load	Symmetrical loading by converters with B2U input rectifiers
OVERRATING CAPACITY	150 % for 60 sec. every 10 min.
Efficiency	98.7 %
Power loss	70.0 W
Capacitive idle power	4.5 kVAr
Input	
Rated frequency	50 - 60 Hz
Environment	
Ambient temperature	-10 °C to +40 °C, without condensation
Type of cooling	AN
MTBF @ 50 °C/500 V (Mil-HB-217F)	>500.000 h @ 40°C/400Vac
Safety and protection	
Type	Metal enclosure
Insulation class	H
Protection index	IP 20
Safety class	I
Notes	
*	IE2 efficiencies of the motors and an efficiency >96 % assumed
Order numbers	
Order Number	HF1P 5,70-230

Mechanical data

Type	HF1P 5,70-230
Terminal and mounting	
Terminals phase	Screw clamp, 16 mm ²
Terminals PE	Bolt, M6
Fixing method	Mounting lugs
Measures and weights	
Weight	33.7 kg

