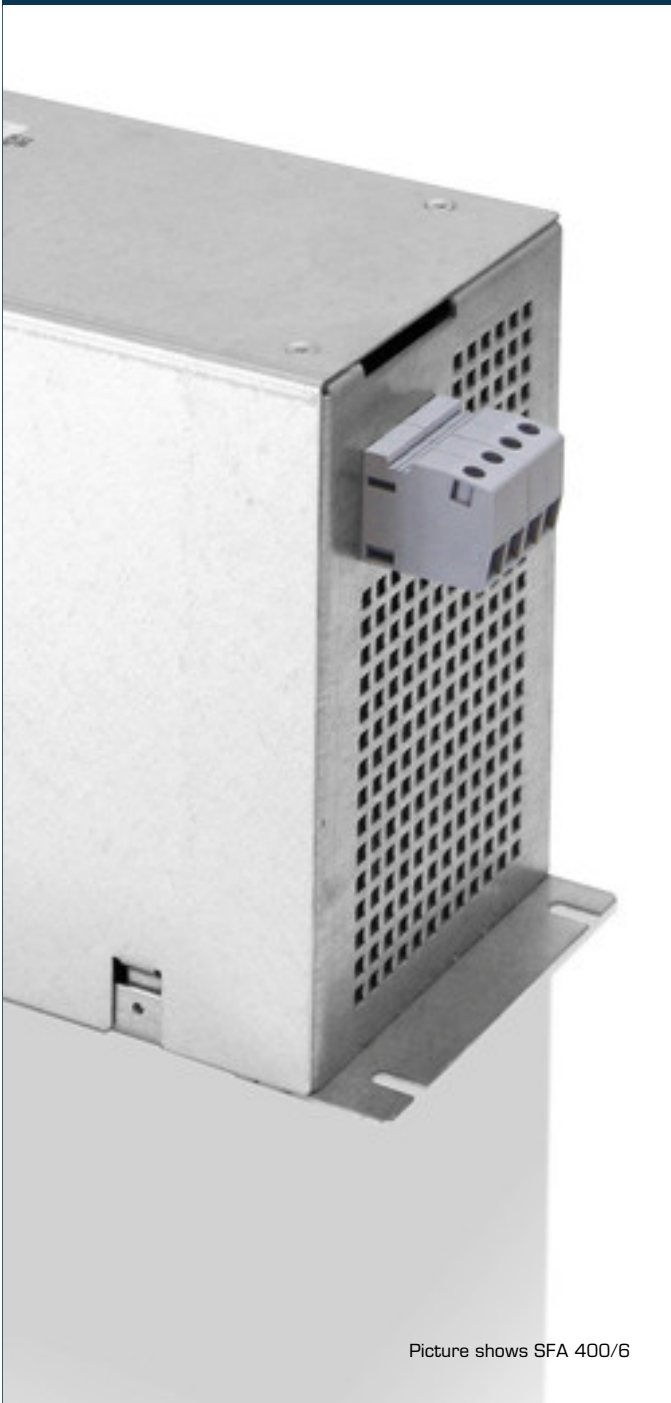


All-pole sine filter **SFA 400/50**



Picture shows SFA 400/6

Advantages

Prevention of overvoltages on the motor
Long cable lengths possible
Reduction in motor noise
Minimize of bearing currents
Minimize of leakage currents (is beneficial in the event of incorrect RCD tripping)
Reduction in line-borne and field-borne emitted interference: can be omitted from shielded cables, where necessary
Reduction of motor losses

Applications

Sine filter for the suppression of differential mode interference and common mode interference.

Standards

Output filter with capacitor for frequency converters complying with IEC 61558-2-20, UL 508, CSA 22.2 No. 14-10

Approvals



UL 5085-1/-2, CSA 22.2 No.66

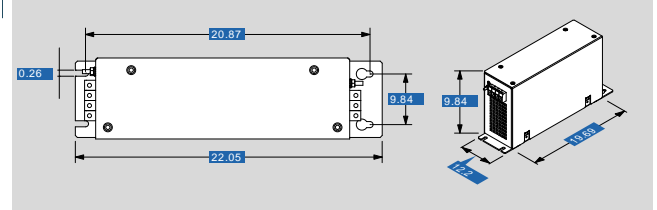


All-pole sine filter SFA 400/50

Type		SFA 400/50
Electrical data	Operating data	
	Rated voltage	max. 3 x 400 Vac
	Voltage range	380 - 480 Vac
	Voltage drop	<5 % @ 400 Vac
	Rated current	50 A
	for motor rated output approx.	29.50 HP
	Rated frequency	≤ 60 Hz
	Switching frequency	≥ 8 kHz
	Approvals	
	Approvals	cURus
	Environment	
	Ambient temperature max.	113.0 °F
	Safety and protection	
	Type	Metal enclosure
Insulation class	F	
Protection index	IP 20	
Safety class (prepared)	I	
Test voltage	2500 Vac, 50 Hz	
Application range		
Order numbers		
Order Number	SFA 400/50	

Type		SFA 400/50
Mechanical data	Terminal and mounting	
	Terminals phase	Screw clamp, 16 mm ²
	Connection type	Bolt, M6
	Fixing method	Mounting lugs
	Fixing screws	M6
Measures and weights		
Weight	99.21 lbs	

Dimensions in inch



Subject to change.