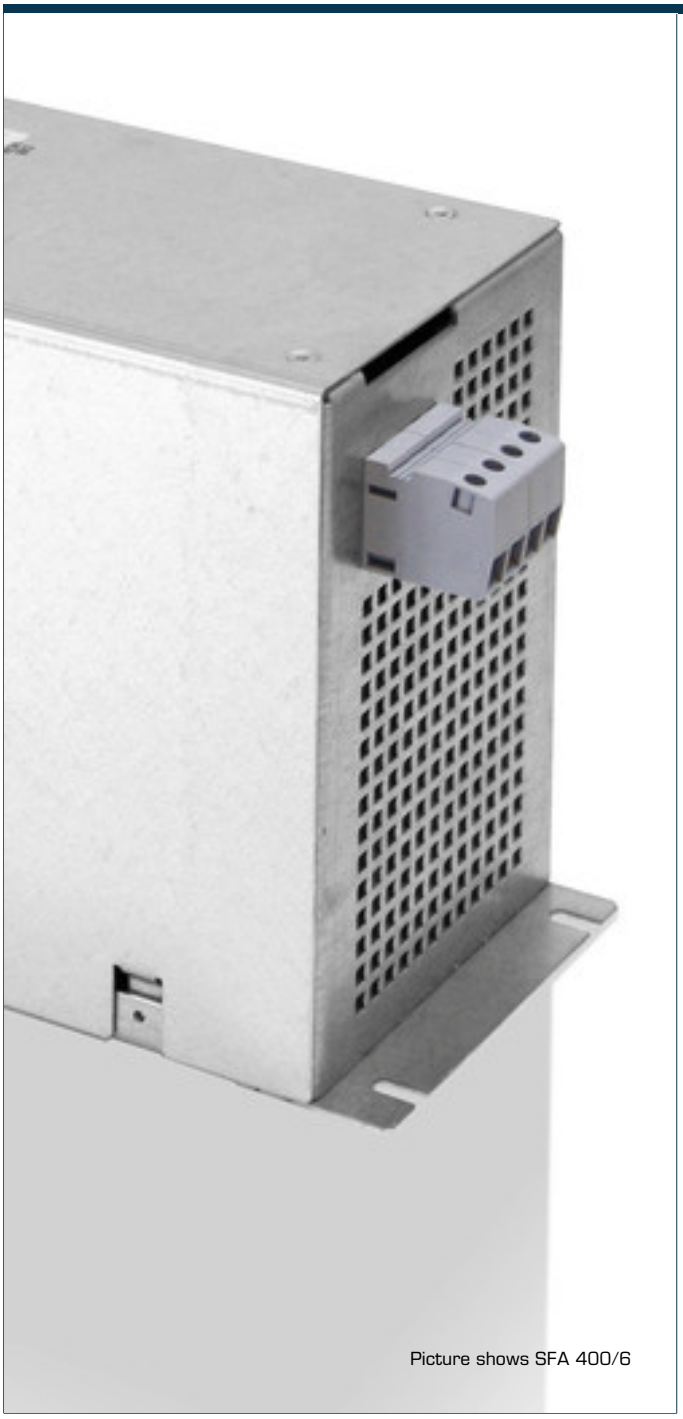
All-pole sine filter

SFA 400/6



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

c UL us

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

All-pole sine filter
SFA 400/6

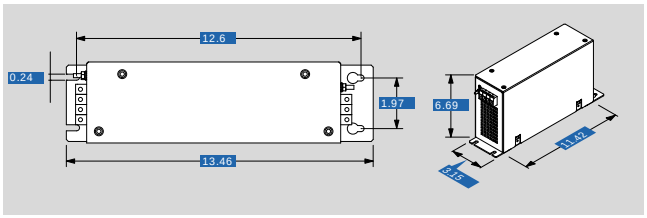
Electrical data

Type	SFA 400/6
Operating data	
Rated voltage	max. 3 x 400 Vac
Voltage range	380 - 480 Vac
Voltage drop	<5 % @ 400 Vac
Rated current	6 A
for motor rated output approx.	2.95 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 400/6**

Mechanical data

Type	SFA 400/6
Terminal and mounting	
Terminals phase	Screw clamp, 10 mm²
Connection type	Bolt, M4
Fixing method	Mounting lugs
Fixing screws	M5
Measures and weights	
Weight	17.86 lbs

Dimensions in inch



Subject to change.