#### SFA 400/1,3



#### 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 400/1,3**

Operating data  Rated voltage	Туре	SFA 400/1,3	Туре	SFA 400/1,3
Hated voltage   max 3 x 4 uu vac   leminais phase   Screw Gamp, 4 mm²   Voltage range   380 - 480 Vac   S 96 @ 400 Vac   S 96	Operating data		Terminal and mounting	
Voltage drop		max. 3 x 400 Vac	Terminals phase	Screw clamp, 4 mm <sup>2</sup>
for motor rated output approx. Rated frequency \$ 60 Hz Switching frequency \$ 8 kHz Approvals  Environment  Ambient temperature max.  Safety and protection  Type Insulation class Protection index Sefety class (prepared) Test voltage Application range Order numbers  In Measures and weights  Weight  7.05 lbs  Total Measures and weights  Weight  Total Measures and weights  Total Measures and Weight  Neasures and weights  Total Measures and Weight  Total Measures and Weight  Neasures	Voltage range	380 - 480 Vac	Connection type	Bolt, M4
for motor rated output approx. Rated frequency \$ 60 Hz Switching frequency \$ 8 kHz Approvals  Environment  Ambient temperature max.  Safety and protection  Type Insulation class Protection index Sefety class (prepared) Test voltage Application range Order numbers  In Measures and weights  Weight  7.05 lbs  Total Measures and weights  Weight  Total Measures and weights  Total Measures and Weight  Neasures and weights  Total Measures and Weight  Total Measures and Weight  Neasures	Voltage drop	<5 % @ 400 Vac	Fixing method	Mounting lugs
for motor rated output approx. Rated frequency \$ 60 Hz Switching frequency \$ 8 kHz Approvals  Environment  Ambient temperature max.  Safety and protection  Type Insulation class Protection index Sefety class (prepared) Test voltage Application range Order numbers  In Measures and weights  Weight  7.05 lbs  Total Measures and weights  Weight  Total Measures and weights  Total Measures and Weight  Neasures and weights  Total Measures and Weight  Total Measures and Weight  Neasures	Rated current	1.3 A	Fixing screws	M5
Rated frequency \$ 60 Hz  Switching frequency \$ 8 kHz  Approvals  Environment  Ambient temperature max. \$ 113.0 °F  Safety and protection  Type		0.74 HP		
Environment  Ambient temperature max.  Safety and protection  Type Insulation class F Protection index Safety class (prepared) I Test voltage Application range Order numbers	Rated frequency		.≌ Weight	7.05 lbs
Environment  Ambient temperature max.  Safety and protection  Type Insulation class Protection index Safety class (prepared) Test voltage Application range Order numbers	Switching frequency	≥ 8 kHz	a	
Environment  Ambient temperature max.  Safety and protection  Type Insulation class Protection index Safety class (prepared) Test voltage Application range Order numbers	Approvals		ਹੁ Dimensions in inch	
Environment  Ambient temperature max.  Safety and protection  Type Insulation class Protection index Safety class (prepared) Test voltage Application range Order numbers	Approvals	cURus	<u> </u>	
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	Environment			11.02
Safety and protection  Type Insulation class F Protection index IP 20 Safety class (prepared) I Test voltage Application range Order numbers	Ambient temperature max.	113.0 °F		
Insulation class F Protection index IP 20 Safety class (prepared) I Test voltage 2500 Vac, 50 Hz Application range Order numbers	Safety and protection			
Insulation class F Protection index IP 20 Safety class (prepared) I Test voltage 2500 Vac, 50 Hz Application range Order numbers	Туре	Metal enclosure		
Protection index Safety class (prepared) Test voltage Application range Order numbers	Insulation class	F		
Test voltage 2500 Vac, 50 Hz Application range Order numbers	Protection index	IP 20		1
Application range Order numbers	Safety class (prepared)	1		· ·
Order numbers	Test voltage	2500 Vac, 50 Hz		
	-			
Order Number SFA 400/1,3	Order numbers			
	Order Number	SFA 400/1,3		