

Sine filter **SFB 400/180**



Picture shows SFB 400/23,5

Advantages

Prevention of overvoltages on the motor
Long cable lengths possible
Reduction in motor noise
Reduction in line-borne and field-borne emitted interference
Reduction in motor losses
Very good corrosion protection and low noise due to vacuum impregnation

Applications

Sine filter for the suppression of differential mode interference.

Standards

Output filter with capacitor for frequency converters complying with
DIN EN 61558-2-20, IEC 61558-2-20, UL 508, CSA 22.2 No. 14-9195

Approvals



UL 508, CSA 22.2 No 14-9195



Sine filter SFB 400/180

Type		SFB 400/180
Electrical data	Operating data	
	Rated voltage	max. 3 x 400 Vac
	Voltage range	0 - 520 Vac
	Voltage drop	7.5 % @ 400 Vac
	Rated current	180 A
	for motor rated output approx.	120.69 HP
	Rated frequency	0 - 60 Hz
	Switching frequency	4 - 8 kHz
	Approvals	
	Approvals	cURus
	Environment	
	Ambient temperature max.	104.0 °F
	Safety and protection	
	Type	Open type
	Insulation class	H
Protection index	IP 00	
Safety class (prepared)	I	
Test voltage	3000 Vac, 50 Hz	
Order numbers		
Order Number	SFB 400/180	

Type		SFB 400/180
Mechanical data	Terminal and mounting	
	Terminals phase	Screw clamp, 150 mm ²
	Connection type	Bolt, M8
	Fixing method	Fixing rail
	Fixing screws	M10
Mounting position		only for vertical mounting
Measures and weights		
Weight	165.35 lbs	

Dimensions in inch

