

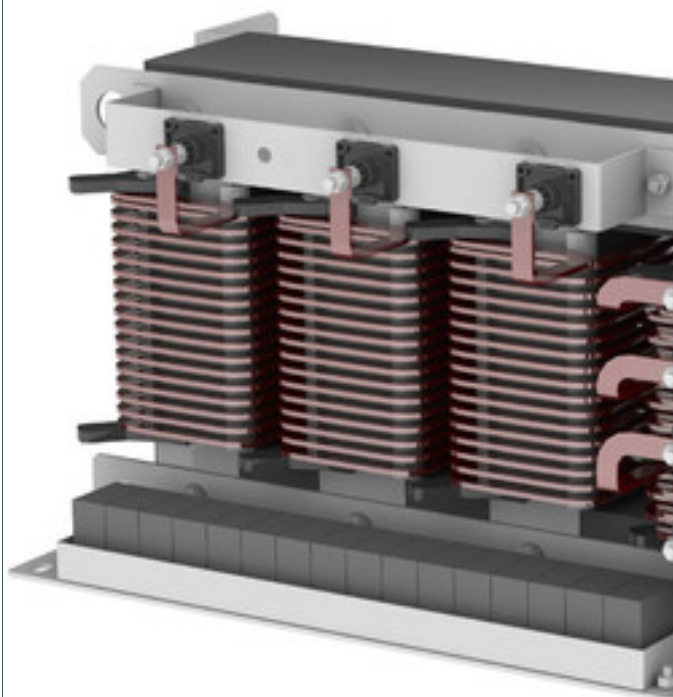
## All-pole sine filter **SF4-CE110-500-0**

### Advantages

Efficiency optimisation of the drive system
Use of unshielded motor cables
Improves conducted and radiated electromagnetic interference (150 kHz - 300 MHz)
Significant reduction of leakage currents
Elimination of bearing currents
Increase of motor service life

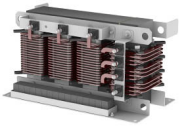
### Applications

Sine filter for the suppression of differential mode interference and common mode interference. Designed for inverter with DC link connector (+Vg/+Ug), positive or negative or mid point and and works with continuous PWM (please contact our technical support staff).



### Approvals





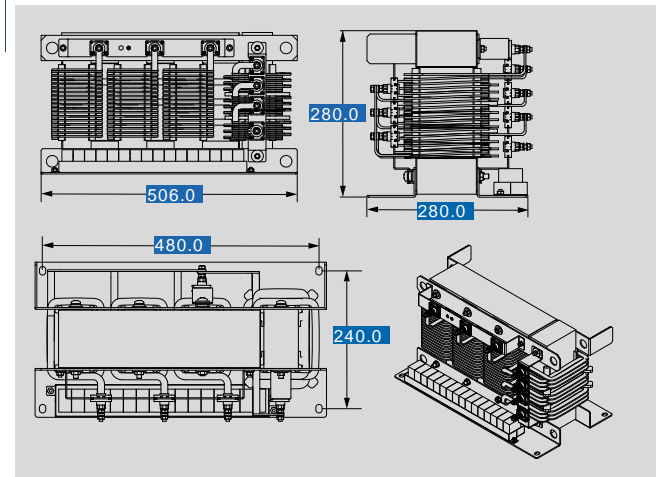
## All-pole sine filter SF4-CE110-500-0

### Electrical data

Type	SF4-CE110-500-0
Operating data	
Rated voltage	3 x 500 Vac
Rated frequency	5 - 150 Hz
Voltage range	0 - 500 Vac
Voltage drop	< 6.5 % @ 400 Vac
Rated current	110 A (400 V ≥ 4 kHz) / 105 A (500 V ≥ 4 kHz)
for motor rated output approx.	45.00 kW
Output	
Vector group	III
Switching frequency	≥ 4 kHz
Environment	
Ambient temperature	-10 °C - 45 °C
Type of cooling	AN
Safety and protection	
Type	Metal enclosure
Protection index	IP 00
Safety class (prepared)	I
Insulation class	H
Application range	
Order numbers	
Order Number	SF4-CE110-500-0

### Mechanical data

Type	SF4-CE110-500-0
Terminal and mounting	
Terminals phase	Screw clamp, 95 mm²
Terminals PE	Bolt, M10
Fixing method	Mounting lugs
Fixing screws	M6
Measures and weights	
Weight	83.0 kg



Subject to change.