

## REACTOR DATASHEET

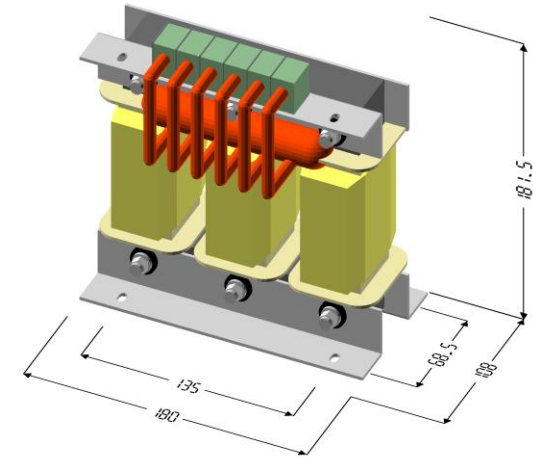
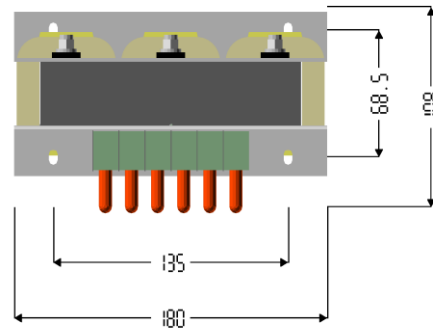
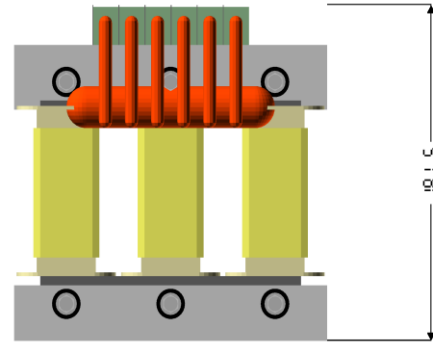
480V 37.1A 0.468mH fs=4800Hz Three Phase Inverter Output Reactor

### DESCRIPTION

Motor Drive Output Reactors are used at the output of motor drives to make the PWM output waveshape of the motor drives smoother. This way the motor is supplied with a cleaner and smoother sinusoidal wave.

ELEKTRA motor drive output reactors are high quality reactors designed to be used between motor drives and motors. These reactors are compatible with european standards and are CE marked.

Inductance (mH)	0.47±5%
Nominal Current (A)	37.1
Thermal Current (A)	40.8
Saturation Peak Current (A <sup>^</sup> )	74
Nominal Voltage (V)	480
Frequency (Hz)	60
Winding Resistance (mΩ)	15.5±10%@22C°
Isolation Class	ta 40C°/F
Temperature Rise (K)	75.0976
Relevant Standard	EN 61558-2-20
Ripple	4800Hz'de 7.4A
Motor Power(kW)	0
Winding Losses (W)	89.8
Core Losses (W)	27.6
Total Losses (W)	117.5
Overtemperature protection	N/A
Winding Material	Aluminium Round Wire
Connection Type	Terminal Block
Enviromental Class	C1/E0/F0
IP Class	IP00
Width (mm)	180
Depth (mm)	108
Height (mm)	181.5
Weight (kg)	4.8



### Product Name

ERM3-E60 480/37/18.5

### Tolerances

0.5 - 3mm	+/- 0.4mm	30 - 120mm	+/- 1.6mm
3 - 6mm	+/- 0.6mm	120 - 400mm	+/- 2.5mm
6 - 30mm	+/- 1mm	400 - 1000mm	+/- 5mm

