

REACTOR DATASHEET

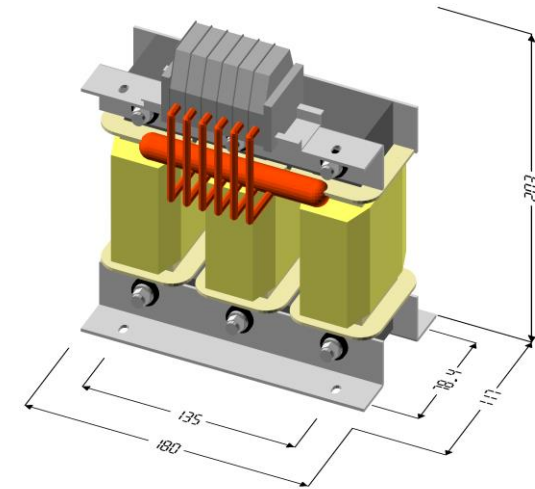
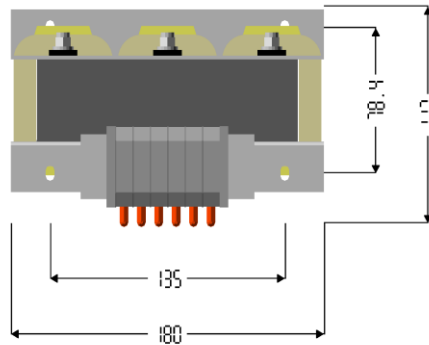
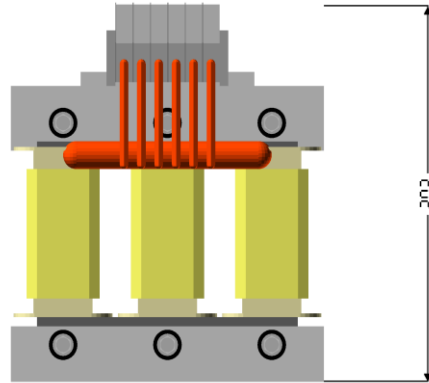
480V 30A Uk=4 Three Phase Motor Drive Input Reactor

DESCRIPTION

Motor Drive Input Reactors are used in series with motor drives to dampen harmonics and prevent their harmful effects. Furthermore these reactors help overcoming voltage fluctuations at drive input.

ELEKTRA motor drive input reactors are high quality reactors designed to be used in front of motor drives. These reactors are compatible with european standards and are CE marked.

Inductance (mH)	0.98±5%
Nominal Current (A)	30
Thermal Current (A)	33.0
Saturation Peak Current (A [^])	64
Nominal Voltage (V)	480
Frequency (Hz)	60
Winding Resistance (mΩ)	21.8±10%@22C°
Isolation Class	ta 40C°/F
Temperature Rise (K)	64.6926
Relevant Standard	EN 61558-2-20
Voltage Drop Uk(%)	4
Motor Power(kW)	0
Winding Losses (W)	79.9
Core Losses (W)	17.3
Total Losses (W)	97.2
Overtemperature protection	N/A
Winding Material	Aluminium Flat Wire
Connection Type	DIN Rail Block
Enviromental Class	C1/E0/F0
IP Class	IP00
Width (mm)	180
Depth (mm)	117
Height (mm)	203
Weight (kg)	6.4



Product Name

ERL3-E60 480/30/15

Tolerances

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

