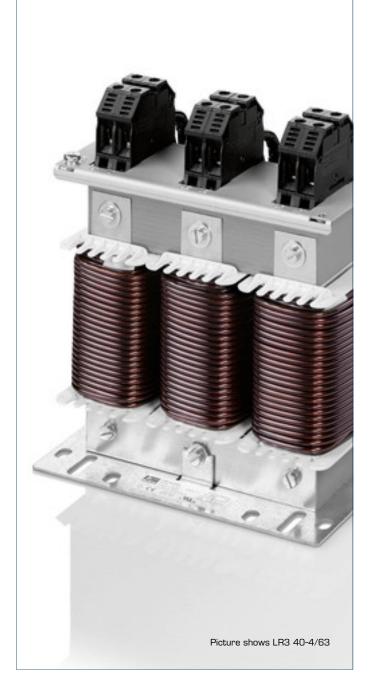
Line reactor, three-phase LR3 48-4/100



Standards

Line- and commutation reactor to DIN EN 61558-2-20, IEC 61558-2-20, UL 506, CSA 22.2

Advantages

	Use as line reactor, commutating reactor or PFC reactor				
	Ensuring the short-circuit voltage of 3 - 5 $\%$ to the mains				
	Power harmonic damping				
	Starting current limitation				
	Increases the service life of consumers				
	Low ripple				
	Bridging voltage dips				
	Peak current limitation				
	Very good corrosion protection and low noise thanks to vacuum impregnation				
	Integrated lifting rings				
	Multifunctional fixing rails				

Applications

Line reactor to minimize mains pollution, to reduce the reactive-power components and charging currents in the DC link capacitor and to improve the cos(phi).





UL 506, CSA 22.2





Line reactor, three-phase

Туре	LR3 48-4/100	Туре	LR3 48-4/100
Operating data		Erminal and mounting	
Rated voltage	3 x 480 Vac	Terminals phase	Flat copper
Short circuit voltage uK	4 % @ 480 Vac	Terminals PE	for M8
Voltage drop	11,1 Vac	Fixing method	Fixing rail
Rated current	100 A	Fixing method Fixing screws	M8
Rated frequency	50 - 60 Hz		
Inductance	0.300 mH	Weight	19.0 kg
Inductance deviation	±10%		2010 Ng
Approvals		Weight	\sim
Approvals	cURus, cULus		
Environment			
Ambient temperature	-10 °C to +40 °C		201.0
Type of cooling	AN		
Safety and protection			
Туре	Open type	<u> 267.0</u> →	<u>39.0</u> →
Insulation class	IEC=F, UL=class 155		
Protection index	IP 00		~
Safety class (prepared)	1		
Test voltage	4000 Vac		
Order numbers			
Order Number	LR3 48-4/100		

