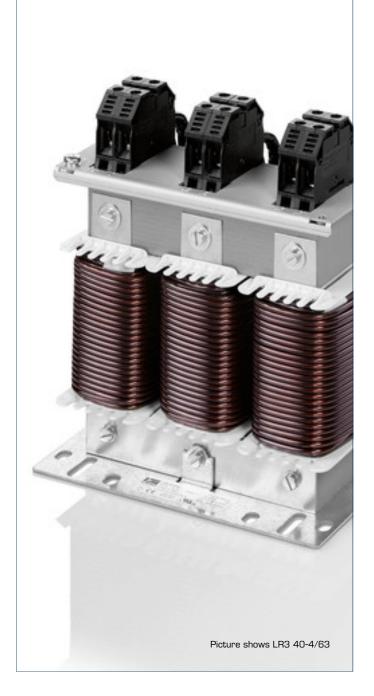
Line reactor, three-phase LR3 48-3/90



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 LR3 48-3/90

	Туре	LR3 48-3/90		Туре		LR3 48-3/90
ያደ	Operating data		0	Terminal and mounting		
זי ∎+	Rated voltage	3 x 480 Vac	(°)	Terminals phase		Flat copper
	Short circuit voltage uK	3 % @ 480 Vac		Terminals PE		for M8
2	Voltage drop	8.3 Vac	ta La	Fixing method		Fixing rail
data	Rated current	90 A	data	Fixing screws		M8
	Rated frequency	50 - 60 Hz		Measures and weights		
<u>.</u>	Inductance	0.245 mH	<u>.</u>	Weight		13.1 kg
Lt.	Inductance deviation	±10%	an			- 5
Electrical	Approvals		Mechanical			~
ш	Approvals	cURus, cULus	_ ₽	0 0 0		e
	Environment		_			
	Ambient temperature	-10 °C to +40 °C		180	180.0	
	Type of cooling	AN				
	Safety and protection			0 0 0		45.0
	Туре	Open type		→ 210.0 → 105.0 → 128.0 →	<mark>→ 105.0</mark> →	
	Insulation class	IEC=F, UL=class 155			H → 128.0 →	
	Protection index	IP 00				*
	Safety class (prepared)	I				
	Test voltage	4000 Vac				
	Order numbers					
	Order Number	LR3 48-3/90				

