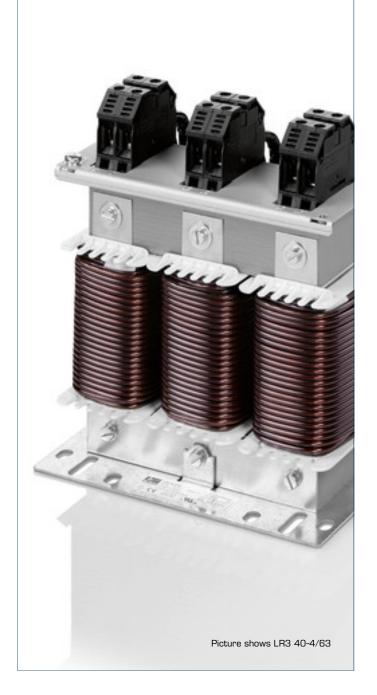
Line reactor, three-phase LR3 48-3/1600



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 48-3/1600

	Туре	LR3 48-3/1600		Туре		LR3 48-3/1600
32	Operating data		30	Terminal and mounting		
11	Rated voltage	3 x 480 Vac	°.	Terminals phase		Flat copper
	Short circuit voltage uK	3 % @ 480 Vac		Terminals PE		for M16
	Voltage drop	8.3 Vac	ta ta	Fixing method		Fixing rail
data	Rated current	1600 A	data	Fixing screws		M12
Electrical o	Rated frequency	50 - 60 Hz		Measures and weights		
	Inductance	0.014 mH		Weight		179.6 kg
	Inductance deviation	±10%	an			5
<u>ie</u>	Approvals		Mechanical			\sim
	Approvals	cURus, cULus		0 0 0 t		e
	Environment		_			
	Ambient temperature	-10 °C to +40 °C			420.0	
	Type of cooling	AN				
	Safety and protection					224.0
	Туре	Open type		→ <u>552.0</u> → → <u>27</u>	4.0	226.0
	Insulation class	IEC=H, UL=class 180			58.0	
	Protection index	IP 00				· · ·
	Safety class (prepared)	I				
	Test voltage	4000 Vac				
	Order numbers					
	Order Number	LR3 48-3/1600				

