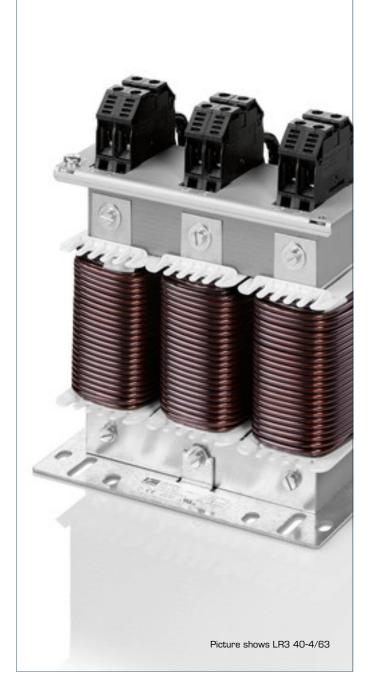
# Line reactor, three-phase LR3 48-3/180



### 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 48-3/180

	Туре	LR3 48-3/180	Тур
ያዩ	Operating data		o Terr
1+		3 x 480 Vac	O Terr
	Short circuit voltage uK	3 % @ 480 Vac	Term
2	Voltage drop	8.3 Vac	rixing Fixing
<u>q</u>	Rated current	180 A	Fixing Fixing
<u> </u>	Rated frequency	50 - 60 Hz	m Mea
<u>.ö</u>	Inductance	0.123 mH	.Ö
Ę.	Inductance deviation	±10%	a
Electrical data	Approvals		Mea giew Nechanical
ш	Approvals	cURus, cULus	
	Environment		
	Ambient temperature	-10 °C to +40 °C	
	Type of cooling	AN	
	Safety and protection		
	Туре	Open type	
	Insulation class	IEC=H, UL=class 180	
	Protection index	IP 00	
	Safety class (prepared)	I	
	Test voltage	4000 Vac	
	Order numbers		
	Order Number	LR3 48-3/180	

