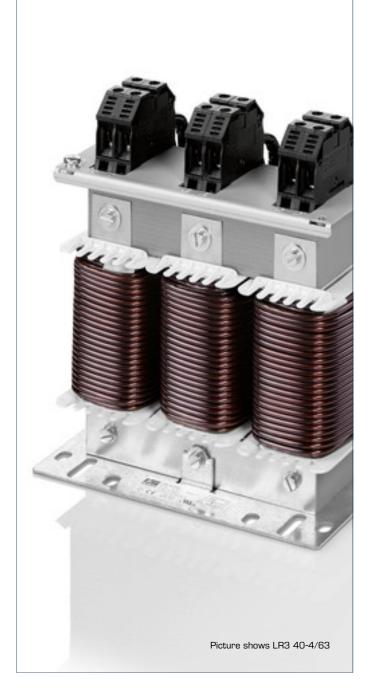
Line reactor, three-phase LR3 48-3/25



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 48-3/25

Туре	LR3 48-3/25	Туре	LR3 48-3/25
operating data		Reference in the second	
+ Rated voltage	3 x 480 Vac	Terminals phase	Screw clamp, 10 mm ²
Short circuit voltage uK	3 % @ 480 Vac	Terminals PE	for M5
🙄 Voltage drop	8.3 Vac	Fixing method	Fixing rail
Voltage drop Rated current	25 A	Fixing method Fixing screws	M5
	50 - 60 Hz		
. <u>Ö</u> Inductance	0.880 mH	- B Weight	4.0 kg
Inductance deviation	±10%		
Rated frequency Inductance Inductance deviation Approvals		Weight	~
Approvals	cURus, cULus		
Environment			
Ambient temperature	-10 °C to +40 °C		166.0
Type of cooling	AN		
Safety and protection			See 1
Туре	Open type		
Insulation class	IEC=F, UL=class 155		
Protection index	IP 00	── <u>155.0</u>	
Safety class (prepared)			, ,
Test voltage	4000 Vac		
Order numbers			
Order Number	LR3 48-3/25		

