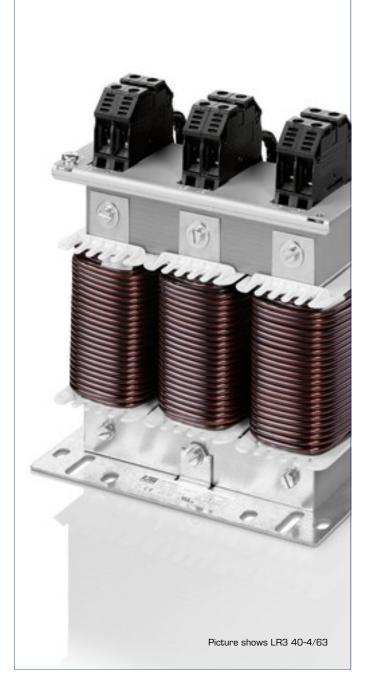
Line reactor, three-phase LR3 48-5/125



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 48-5/125

Туре	LR3 48-5/125	Туре	LR3 48-5/125
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Rated voltage	3 x 480 Vac	Terminals phase	Flat copper
Short circuit voltage uK	5 % @ 480 Vac	Terminals PE	for M8
🖸 Voltage drop	13.9 Vac	Fixing method	Fixing rail
Voltage drop Rated current	125 A	Fixing method Fixing screws	M8
	50 - 60 Hz		
.O Inductance	0.294 mH	· · · · · · · · · · · · · · · · · · ·	32.5 kg
Inductance deviation	±10%		
Inductance deviation		Weight Weight	\sim
Approvals	cURus, cULus		
Environment			
Ambient temperature	-10 °C to +40 °C		234.0
Type of cooling	AN		
Safety and protection		0 0 0	
Туре	Open type	219.0	+132.0 + +165.0 +
Insulation class	IEC=H, UL=class 180	-	
Protection index	IP 00		~ `
Safety class (prepared)			
Test voltage	4000 Vac		
Order numbers			
Order Number	LR3 48-5/125		

