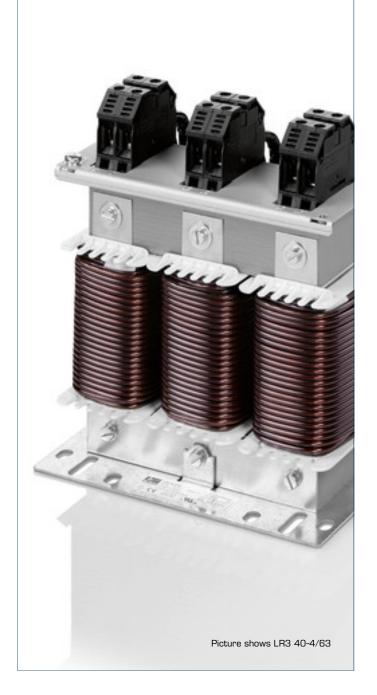
# Line reactor, three-phase LR3 48-5/1000



#### 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 48-5/1000

Туре	LR3 48-5/1000	T	уре		LR3 48-5/1000
Coperating data			erminal and mounting		
∎+ Rated voltage	3 x 480 Vac	Te	erminals phase		Flat copper
Short circuit voltage uK	5 % @ 480 Vac	Te	erminals PE		for M16
🖸 Voltage drop	13.9 Vac	جز Fi	xing method		Fixing rail
C Voltage drop Rated current	1000 A	Fi qata	xing screws		M10
	50 - 60 Hz		leasures and weights		
<u>O</u> Inductance	0.037 mH	v Ö.	/eight		134.4 kg
Inductance deviation Approvals	±10%	an	-oigno		
Approvals		Mechanical			$\sim$
Approvals	cURus, cULus	Ae	000		e le
Environment					
Ambient temperature	-10 °C to +40 °C			419.0	
Type of cooling	AN				
Safety and protection	Safety and protection		0 0 0		
Туре	Open type		552.0	<ul> <li>217.0</li> <li>305.0</li> </ul>	163.0
Insulation class	IEC=H, UL=class 180		l <mark>⊶ 305.0</mark> -	l <b>⊶</b> 305.0 -►I	
Protection index	IP 00				<b>~</b> ``
Safety class (prepared)	I				
Test voltage	4000 Vac				
Order numbers					
Order Number	LR3 48-5/1000				

