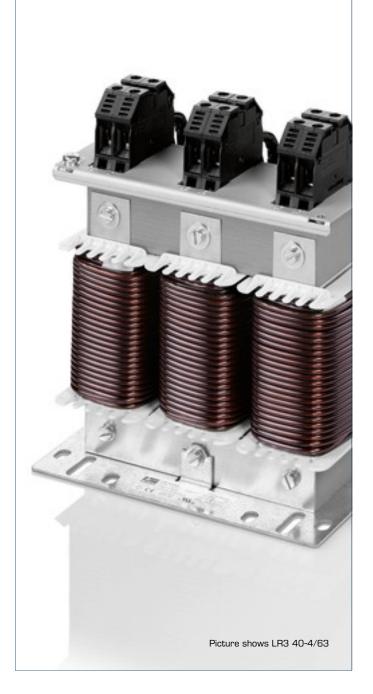
# Line reactor, three-phase LR3 48-3/800



### 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

Т	уре	LR3 48-3/800		Туре	LR3 48-3/800
0 ح			<u>0</u>	Terminal and mounting	
	ated voltage	3 x 480 Vac	ື	Terminals phase	Flat copper
Sł	nort circuit voltage uK	3 % @ 480 Vac		Terminals PE	for M8
g Vo	oltage drop	8.3 Vac	ក្ន	Fixing method	Fixing rail
P Ra	ated current	800 A	data	Fixing screws	M10
	ated frequency	50 - 60 Hz		Measures and weights	
<u>2</u>   Ini	ductance	0.028 mH	<u>iö</u> .	Weight	63.8 kg
E Ini	ductance deviation	±10%	an	Toigito	
	Approvals		Mechanical		$\sim$
Ap	oprovals	cURus, cULus	Me	000	
Er	Environment		_		
Ar	nbient temperature	-10 °C to +40 °C		37	377.0
Ty	rpe of cooling	AN			
S	Safety and protection				
Ty	ре	Open type		480.0	
In	sulation class	IEC=H, UL=class 180		- 226.0	
Pr	rotection index	IP 00			<b>₽</b>
Sa	afety class (prepared)				
Te	est voltage	4000 Vac			
0	rder numbers				
01	rder Number	LR3 48-3/800			

