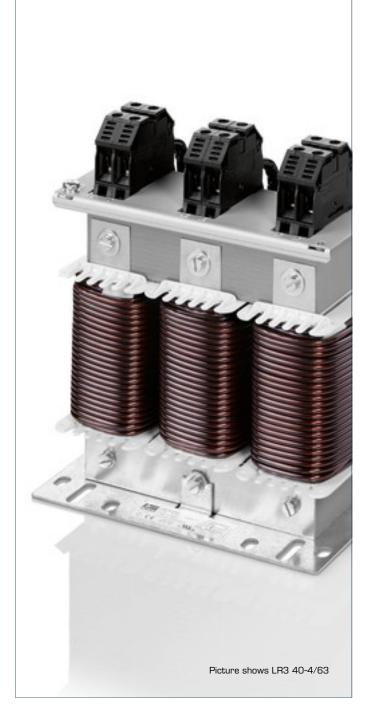
#### LR3 48-5/160



### 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

#### Standards

Line- and commutation reactor to DIN EN 61558-2-20, IEC 61558-2-20, UL 506, CSA 22.2 **Approvals** 







UL 506, CSA 22.2





# Line reactor, three-phase LR3 48-5/160

	Type	LR3 48-5/160
Ĵ٢	Operating data	
1+	Rated voltage	3 x 480 Vac
Electrical data	Short circuit voltage uK	5 % @ 480 Vac
	Voltage drop	13.9 Vac
	Rated current	160 A
	Rated frequency	50 - 60 Hz
	Inductance	0.230 mH
	Inductance deviation	±10%
	Approvals	
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 48-5/160

