LR3 48-3/35



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 48-3/35

Туре	LR3 48-3/35	Туре	LR
Operating data		Terminal and mounting	
Rated voltage	3 x 480 Vac	Terminals phase	Scre
Short circuit voltage uK	3 % @ 480 Vac	Terminals PE	for N
Voltage drop	8.3 Vac	Fixing method	Fixin
Rated current	35 A	Fixing screws	M5
Rated frequency	50 - 60 Hz		
Inductance	0.630 mH	.≅ Weight:	5.8 k
Inductance deviation	±10%	E 11.5%	
Approvals		5	
Approvals	cURus, cULus		7
Environment			
Ambient temperature	-10 °C to +40 °C		67.0
Type of cooling	AN		07.0
Safety and protection			
Туре	Open type		1 /
Insulation class	IEC=F, UL=class 155		
Protection index	IP 00	155.0	
Safety class (prepared)	I		
Test voltage	4000 Vac		
Order numbers			
Order Number	LR3 48-3/35		
	Operating data Rated voltage Short circuit voltage uK Voltage drop Rated current Rated frequency Inductance Inductance deviation Approvals Approvals Environment Ambient temperature Type of cooling Safety and protection Type Insulation class Protection index Safety class (prepared) Test voltage Order numbers	Operating data 3 x 480 Vac Rated voltage 3 x 480 Vac Short circuit voltage uK 3 % @ 480 Vac Voltage drop 8.3 Vac Rated current 35 A Rated frequency 50 - 60 Hz Inductance 0.630 mH Inductance deviation ±10% Approvals CURus, cULus Environment AN Ambient temperature -10 °C to +40 °C Type of cooling AN Safety and protection Type Insulation class IEC=F, UL=class 155 Protection index IP 00 Safety class (prepared) I Test voltage 4000 Vac Order numbers	Operating data Rated voltage Short circuit voltage uK Voltage drop Rated current 35 A Rated frequency Inductance Inductance deviation Approvals Environment Ambient temperature Type of cooling Safety and protection Type Insulation class Protection index Safety class (prepared) Test voltage Order numbers Terminal and mounting Terminals phase Terminals PE Fixing method Fixing screws Measures and weights Weight Terminals PE Fixing method Fixing screws Measures and weights Weight Terminals PE Fixing method Fixing screws Measures and weights Weight Terminals PE Fixing method Fixing screws Measures and weights Weight Terminals PE Fixing method Fixing screws Measures and weights Weight Terminals PE Fixing method Fixing screws Measures and weights Weight Test voltage 10 P 00 Safety class (prepared) Test voltage Order numbers





