Line reactor, three-phase LR3 40-3/180



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, 4 or 5 % to the mains

Power harmonic mitigation

Starting current limitation

Increases the service life of equipment

Low ripple

Bridging voltage dips

Peak current limitation

Very good corrosion protection and low noise due 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).



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UL 506, CSA 22.2

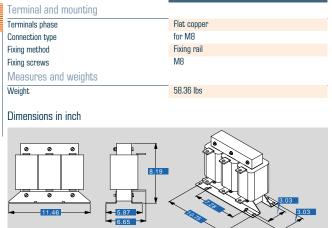


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Тур)e	LR3 40-3/180		Туре
5 Ope	erating data		30	Terminal and mounting
	d voltage	3 x 400 Vac	۳ <u>ا</u>	Terminals phase
Rater	d voltage (IEC)	3 x 690 Vac		Connection type
3 Rater	d voltage (UL)	3 x 600 Vac	ta	Fixing method
B Rateo	t circuit voltage uK	3 % @ 400 Vac	data	Fixing screws
Volta	age drop	6.9 Vac		Measures and weights
Voltage Rated Rated Induc	d current	3 x 180 A	.0	Weight
Rater	d frequency	50 - 60 Hz	an	- oigite
2 Induc	ctance	0.123 mH	- -	Dimensions in inch
i Induc	ctance deviation	±10%	Mechanical	
Outp	put		2	
Powe	er loss	435.5 W		
App	rovals			
Appro	rovals	cURus		
Envi	ironment			0 0 0
Ambi	ient temperature	14 °F to +104 °F		
Туре	of cooling	AN		l • ⊣
Safe	ety and protection			
Туре		Open type		
Insula	ation class	IEC=H, UL=class 180		
Prote	ection index	IP 00		
Safet	ty class (prepared)	1		
Test	voltage	4000 Vac		
Orde	er numbers			
Orde	er Number	LR3 40-3/180		



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