

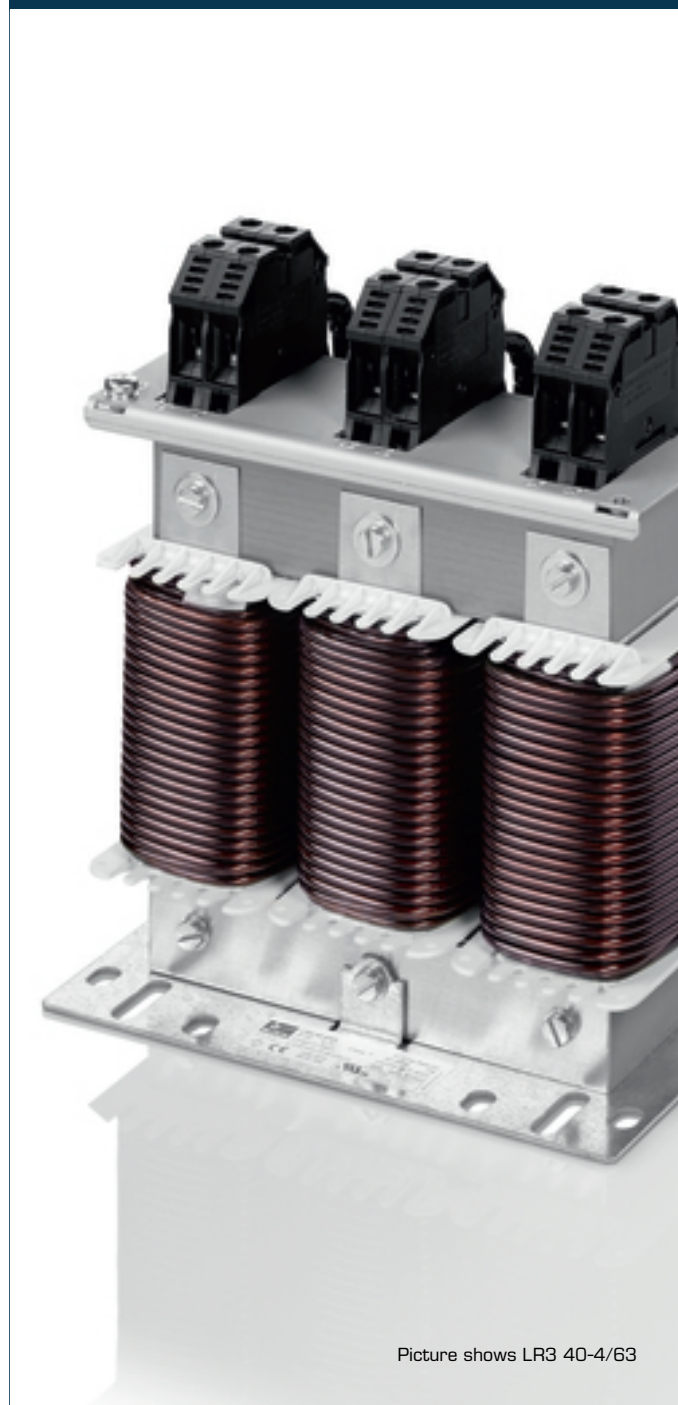


**Automatización Eléctrica**

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## Line reactor, three-phase LR3 40-4/20



Picture shows LR3 40-4/63

### 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 BLOCKIMPEX vacuum impregnation
- Integrated lifting rings
- Multifunctional fixing rails

### Applications

Line reactor to minimise mains pollution, to reduce the reactive-power components and charging currents in the DC link capacitor and to improve the  $\cos(\phi)$ .

### Standards

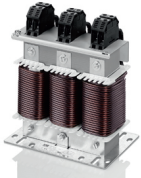


Line- and commutation reactor to  
DIN EN 61558-2-20, IEC 61558-2-20, UL 506, CSA 22.2

### Approvals



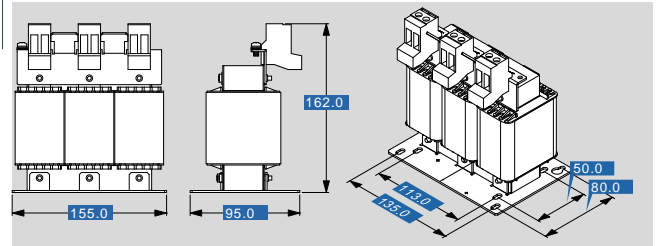
UL 506, CSA 22.2



## Line reactor, three-phase LR3 40-4/20

Type		LR3 40-4/20
Electrical data	Operating data	
	Rated voltage	3 x 400 Vac
	Rated voltage (IEC)	3 x 690 Vac
	Rated voltage (UL)	3 x 600 Vac
	Short circuit voltage uK	4 % @ 400 Vac
	Voltage drop	9.2 Vac
	Rated current	3 x 20 A
	Rated frequency	50 - 60 Hz
	Inductivity	1.470 mH
	Inductivity deviation	±10%
	Approvals	
	Approvals	cURus
	Environment	
	Ambient temperature	-10 °C to +40 °C
Type of cooling	AN	
Safety and protection		
Type	Open type	
Class of Insulation System	IEC=F, UL=class 155	
Protection index	IP 00	
Safety class (prepared)	I	
Test voltage	4000 Vac	
Order numbers		
Order Number	LR3 40-4/20	

Type		LR3 40-4/20
Mechanical data	Terminal and mounting	
	Terminals phase	Screw clamp, 4 mm <sup>2</sup> for M5
	Fixing method	Fixing rail
	Fixing screws	M5
	Measures and weights	
	Weight	3.80 kg



Subjects to change.



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<b>Product</b>	<b>Code</b>	<b>Reference</b>	<b>Product link</b>
Line reactor, three-phase 400 Vac, 2 - 1600 A, Short circuit voltage (uK): 3 - 5 %	LR340420	LR3 40-4/20	<a href="#">Buy on EAN</a>