

Line reactor, three-phase, aluminium **LR3A 400**



General Data

Rated voltage 3 x 400 Vac
Short-circuit voltage (uK) 3 - 5 %
Rated current 3 x 90 - 3 x 1600 A
Inductance 0.019 - 14.700 mH
Insulation class H
Ambient temperature -10 °C to +40 °C
Degree of protection IP 00

Advantages

Use as line reactor, commutating reactor or PFC reactor
Weight reduction through aluminum winding
Ensuring the short-circuit voltage of 3, 4 or 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

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 $\cos(\phi)$.

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, aluminium
LR3A 400



Typ	LR3A 40-3/90	LR3A 40-4/90	LR3A 40-5/90	LR3A 40-3/100	LR3A 40-4/100	LR3A 40-5/100
Electrical data						
Operating data						
Rated voltage	3 x 400 Vac	3 x 400 Vac	3 x 400 Vac	3 x 400 Vac	3 x 400 Vac	3 x 400 Vac
Rated voltage (IEC)	3 x 690 Vac	3 x 690 Vac	3 x 690 Vac	3 x 690 Vac	3 x 690 Vac	3 x 690 Vac
Rated voltage (UL)	3 x 600 Vac	3 x 600 Vac	3 x 600 Vac	3 x 600 Vac	3 x 600 Vac	3 x 600 Vac
Short circuit voltage uK	3 % @ 400 Vac	4 % @ 400 Vac	5 % @ 400 Vac	3 % @ 400 Vac	4 % @ 400 Vac	5 % @ 400 Vac
Frequency range	0 - 50 Hz	0 - 50 Hz	0 - 50 Hz	0 - 50 Hz	0 - 50 Hz	0 - 50 Hz
Voltage drop	6.9 Vac	9.2 Vac	11.6 Vac	6.9 Vac	9.2 Vac	11.6 Vac
Rated current	90 A	90 A	90 A	100 A	100 A	100 A
Inductivity	0.245 mH	0.330 mH	0.408 mH	0.220 mH	0.290 mH	0.368 mH
Inductivity deviation	±10 %	±10 %	±10 %	±10 %	±10 %	±10 %
Approvals						
Approvals	cURus	cURus	cURus	cURus	cURus	cURus
Environment						
Ambient temperature	-10 °C to +40 °C	-10 °C to +40 °C	-10 °C to +40 °C	-10 °C to +40 °C	-10 °C to +40 °C	-10 °C to +40 °C
Cooling method	AN	AN	AN	AN	AN	AN
Safety and protection						
Type	Open type	Open type	Open type	Open type	Open type	Open type
Protection index	IP 00	IP 00	IP 00	IP 00	IP 00	IP 00
Safety class (prepared)	I	I	I	I	I	I
Class of Insulation System	IEC=H, UL=class 180	IEC=H, UL=class 180	IEC=H, UL=class 180	IEC=H, UL=class 180	IEC=H, UL=class 180	IEC=H, UL=class 180
Test voltage	4000 Vac	4000 Vac	4000 Vac	4000 Vac	4000 Vac	4000 Vac
Order numbers						
Order Number	LR3A 40-3/90	LR3A 40-4/90	LR3A 40-5/90	LR3A 40-3/100	LR3A 40-4/100	LR3A 40-5/100

1.1

1.2

1.3

2.1

2.2

3.1

3.2

3.3

4.0

5.1

5.2



Line reactor, three-phase, aluminium

LR3A 400



Typ	LR3A 40-3/115	LR3A 40-4/115	LR3A 40-5/115	LR3A 40-3/125	LR3A 40-4/125	LR3A 40-5/125
Electrical data						
Operating data						
Rated voltage	3 x 400 Vac	3 x 400 Vac	3 x 400 Vac	3 x 400 Vac	3 x 400 Vac	3 x 400 Vac
Rated voltage (IEC)	3 x 690 Vac	3 x 690 Vac	3 x 690 Vac	3 x 690 Vac	3 x 690 Vac	3 x 690 Vac
Rated voltage (UL)	3 x 600 Vac	3 x 600 Vac	3 x 600 Vac	3 x 600 Vac	3 x 600 Vac	3 x 600 Vac
Short circuit voltage u _k	3 % @ 400 Vac	4 % @ 400 Vac	5 % @ 400 Vac	4 % @ 400 Vac	4 % @ 400 Vac	5 % @ 400 Vac
Frequency range	0 - 50 Hz	0 - 50 Hz	0 - 50 Hz	0 - 50 Hz	0 - 50 Hz	0 - 50 Hz
Voltage drop	6.9 Vac	9.2 Vac	11.6 Vac	6.9 Vac	9.2 Vac	11.6 Vac
Rated current	115 A	115 A	115 A	125 A	125 A	125 A
Inductivity	0.193 mH	0.250 mH	0.320 mH	0.177 mH	0.230 mH	0.294 mH
Inductivity deviation	±10 %	±10 %	±10 %	±10 %	±10 %	±10 %
Approvals						
Approvals	cURus	cURus	cURus	cURus	cURus	cURus
Environment						
Ambient temperature	-10 °C to +40 °C	-10 °C to +40 °C	-10 °C to +40 °C	-10 °C to +40 °C	-10 °C to +40 °C	-10 °C to +40 °C
Cooling method	AN	AN	AN	AN	AN	AN
Safety and protection						
Type	Open type	Open type	Open type	Open type	Open type	Open type
Protection index	IP 00	IP 00	IP 00	IP 00	IP 00	IP 00
Safety class (prepared)	I	I	I	I	I	I
Class of Insulation System	IEC=H, UL=class 180	IEC=H, UL=class 180	IEC=H, UL=class 180	IEC=H, UL=class 180	IEC=H, UL=class 180	IEC=H, UL=class 180
Test voltage	4000 Vac	4000 Vac	4000 Vac	4000 Vac	4000 Vac	4000 Vac
Order numbers						
Order Number	LR3A 40-3/115	LR3A 40-4/115	LR3A 40-5/115	LR3A 40-3/125	LR3A 40-4/125	LR3A 40-5/125

Typ	LR3A 40-3/160	LR3A 40-4/160	LR3A 40-5/160	LR3A 40-3/180	LR3A 40-4/180	LR3A 40-5/180
Electrical data						
Operating data						
Rated voltage	3 x 400 Vac	3 x 400 Vac	3 x 400 Vac	3 x 400 Vac	3 x 400 Vac	3 x 400 Vac
Rated voltage (IEC)	3 x 690 Vac	3 x 690 Vac	3 x 690 Vac	3 x 690 Vac	3 x 690 Vac	3 x 690 Vac
Rated voltage (UL)	3 x 600 Vac	3 x 600 Vac	3 x 600 Vac	3 x 600 Vac	3 x 600 Vac	3 x 600 Vac
Short circuit voltage u _k	3 % @ 400 Vac	4 % @ 400 Vac	5 % @ 400 Vac	3 % @ 400 Vac	4 % @ 400 Vac	5 % @ 400 Vac
Frequency range	0 - 50 Hz	0 - 50 Hz	0 - 50 Hz	0 - 50 Hz	0 - 50 Hz	0 - 50 Hz
Voltage drop	6.9 Vac	9.2 Vac	11.6 Vac	6.9 Vac	9.2 Vac	11.6 Vac
Rated current	160 A	160 A	160 A	180 A	180 A	180 A
Inductivity	0.138 mH	0.180 mH	0.230 mH	0.123 mH	0.160 mH	0.204 mH
Inductivity deviation	±10 %	±10 %	±10 %	±10 %	±10 %	±10 %
Approvals						
Approvals	cURus	cURus	cURus	cURus	cURus	cURus
Environment						
Ambient temperature	-10 °C to +40 °C	-10 °C to +40 °C	-10 °C to +40 °C	-10 °C to +40 °C	-10 °C to +40 °C	-10 °C to +40 °C
Cooling method	AN	AN	AN	AN	AN	AN
Safety and protection						
Type	Open type	Open type	Open type	Open type	Open type	Open type
Protection index	IP 00	IP 00	IP 00	IP 00	IP 00	IP 00
Safety class (prepared)	I	I	I	I	I	I
Class of Insulation System	IEC=H, UL=class 180	IEC=H, UL=class 180	IEC=H, UL=class 180	IEC=H, UL=class 180	IEC=H, UL=class 180	IEC=H, UL=class 180
Test voltage	4000 Vac	4000 Vac	4000 Vac	4000 Vac	4000 Vac	4000 Vac
Order numbers						
Order Number	LR3A 40-3/160	LR3A 40-4/160	LR3A 40-5/160	LR3A 40-3/180	LR3A 40-4/180	LR3A 40-5/180



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Typ	LR3A 40-3/200	LR3A 40-4/200	LR3A 40-5/200	LR3A 40-3/250	LR3A 40-4/250	LR3A 40-5/250
Electrical data						
Operating data						
Rated voltage	3 x 400 Vac	3 x 400 Vac	3 x 400 Vac	3 x 400 Vac	3 x 400 Vac	3 x 400 Vac
Rated voltage (IEC)	3 x 690 Vac	3 x 690 Vac	3 x 690 Vac	3 x 690 Vac	3 x 690 Vac	3 x 690 Vac
Rated voltage (UL)	3 x 600 Vac	3 x 600 Vac	3 x 600 Vac	3 x 600 Vac	3 x 600 Vac	3 x 600 Vac
Short circuit voltage uK	3 % @ 400 Vac	4 % @ 400 Vac	5 % @ 400 Vac	3 % @ 400 Vac	4 % @ 400 Vac	5 % @ 400 Vac
Frequency range	0 - 50 Hz	0 - 50 Hz	0 - 50 Hz	0 - 50 Hz	0 - 50 Hz	0 - 50 Hz
Voltage drop	6.9 Vac	9.2 Vac	11.6 Vac	6.9 Vac	9.2 Vac	11.6 Vac
Rated current	200 A	200 A	200 A	250 A	250 A	250 A
Inductivity	0.110 mH	0.150 mH	0.184 mH	0.088 mH	0.120 mH	0.147 mH
Inductivity deviation	±10 %	±10 %	±10 %	±10 %	±10 %	±10 %
Approvals						
Approvals	cURus	cURus	cURus	cURus	cURus	cURus
Environment						
Ambient temperature	-10 °C to +40 °C	-10 °C to +40 °C	-10 °C to +40 °C	-10 °C to +40 °C	-10 °C to +40 °C	-10 °C to +40 °C
Cooling method	AN	AN	AN	AN	AN	AN
Safety and protection						
Type	Open type	Open type	Open type	Open type	Open type	Open type
Protection index	IP 00	IP 00	IP 00	IP 00	IP 00	IP 00
Safety class (prepared)	I	I	I	I	I	I
Class of Insulation System	IEC=H, UL=class 180	IEC=H, UL=class 180	IEC=H, UL=class 180	IEC=H, UL=class 180	IEC=H, UL=class 180	IEC=H, UL=class 180
Test voltage	4000 Vac	4000 Vac	4000 Vac	4000 Vac	4000 Vac	4000 Vac
Order numbers						
Order Number	LR3A 40-3/200	LR3A 40-4/200	LR3A 40-5/200	LR3A 40-3/250	LR3A 40-4/250	LR3A 40-5/250

Typ	LR3A 40-3/300	LR3A 40-4/300	LR3A 40-5/300	LR3A 40-3/400	LR3A 40-4/400	LR3A 40-5/400
Electrical data						
Operating data						
Rated voltage	3 x 400 Vac	3 x 400 Vac	3 x 400 Vac	3 x 400 Vac	3 x 400 Vac	3 x 400 Vac
Rated voltage (IEC)	3 x 690 Vac	3 x 690 Vac	3 x 690 Vac	3 x 690 Vac	3 x 690 Vac	3 x 690 Vac
Rated voltage (UL)	3 x 600 Vac	3 x 600 Vac	3 x 600 Vac	3 x 600 Vac	3 x 600 Vac	3 x 600 Vac
Short circuit voltage uK	3 % @ 400 Vac	4 % @ 400 Vac	5 % @ 400 Vac	3 % @ 400 Vac	4 % @ 400 Vac	5 % @ 400 Vac
Frequency range	0 - 50 Hz	0 - 50 Hz	0 - 50 Hz	0 - 50 Hz	0 - 50 Hz	0 - 50 Hz
Voltage drop	6.9 Vac	9.2 Vac	11.6 Vac	6.9 Vac	9.2 Vac	11.6 Vac
Rated current	300 A	300 A	300 A	400 A	400 A	400 A
Inductivity	0.074 mH	0.089 mH	0.123 mH	0.055 mH	0.074 mH	0.092 mH
Inductivity deviation	±10 %	±10 %	±10 %	±10 %	±10 %	±10 %
Approvals						
Approvals	cURus	cURus	cURus	cURus	cURus	cURus
Environment						
Ambient temperature	-10 °C to +40 °C	-10 °C to +40 °C	-10 °C to +40 °C	-10 °C to +40 °C	-10 °C to +40 °C	-10 °C to +40 °C
Cooling method	AN	AN	AN	AN	AN	AN
Safety and protection						
Type	Open type	Open type	Open type	Open type	Open type	Open type
Protection index	IP 00	IP 00	IP 00	IP 00	IP 00	IP 00
Safety class (prepared)	I	I	I	I	I	I
Class of Insulation System	IEC=H, UL=class 180	IEC=H, UL=class 180	IEC=H, UL=class 180	IEC=H, UL=class 180	IEC=H, UL=class 180	IEC=H, UL=class 180
Test voltage	4000 Vac	4000 Vac	4000 Vac	4000 Vac	4000 Vac	4000 Vac
Order numbers						
Order Number	LR3A 40-3/300	LR3A 40-4/300	LR3A 40-5/300	LR3A 40-3/400	LR3A 40-4/400	LR3A 40-5/400

3 Reactors / EMI filters

Three-phase line reactors



Line reactor, three-phase, aluminium

LR3A 400



Typ	LR3A 40-3/500	LR3A 40-4/500	LR3A 40-5/500	LR3A 40-3/630	LR3A 40-4/630	LR3A 40-5/630
Electrical data						
Operating data						
Rated voltage	3 x 400 Vac	3 x 400 Vac	3 x 400 Vac	3 x 400 Vac	3 x 400 Vac	3 x 400 Vac
Rated voltage (IEC)	3 x 690 Vac	3 x 690 Vac	3 x 690 Vac	3 x 690 Vac	3 x 690 Vac	3 x 690 Vac
Rated voltage (UL)	3 x 600 Vac	3 x 600 Vac	3 x 600 Vac	3 x 600 Vac	3 x 600 Vac	3 x 600 Vac
Short circuit voltage uK	3 % @ 400 Vac	4 % @ 400 Vac	5 % @ 400 Vac	3 % @ 400 Vac	4 % @ 400 Vac	5 % @ 400 Vac
Frequency range	0 - 50 Hz	0 - 50 Hz	0 - 50 Hz	0 - 50 Hz	0 - 50 Hz	0 - 50 Hz
Voltage drop	6.9 Vac	9.2 Vac	11.6 Vac	6.9 Vac	9.2 Vac	11.6 Vac
Rated current	500 A	500 A	500 A	630 A	630 A	630 A
Inductivity	0.044 mH	0.059 mH	0.074 mH	0.035 mH	0.047 mH	0.059 mH
Inductivity deviation	±10 %	±10 %	±10 %	±10 %	±10 %	±10 %
Approvals						
Approvals	cURus	cURus	cURus	cURus	cURus	cURus
Environment						
Ambient temperature	-10 °C to +40 °C	-10 °C to +40 °C	-10 °C to +40 °C	-10 °C to +40 °C	-10 °C to +40 °C	-10 °C to +40 °C
Cooling method	AN	AN	AN	AN	AN	AN
Safety and protection						
Type	Open type	Open type	Open type	Open type	Open type	Open type
Protection index	IP 00	IP 00	IP 00	IP 00	IP 00	IP 00
Safety class (prepared)	I	I	I	I	I	I
Class of Insulation System	IEC=H, UL=class 180	IEC=H, UL=class 180	IEC=H, UL=class 180	IEC=H, UL=class 180	IEC=H, UL=class 180	IEC=H, UL=class 180
Test voltage	4000 Vac	4000 Vac	4000 Vac	4000 Vac	4000 Vac	4000 Vac
Order numbers						
Order Number	LR3A 40-3/500	LR3A 40-4/500	LR3A 40-5/500	LR3A 40-3/630	LR3A 40-4/630	LR3A 40-5/630

Typ	LR3A 40-3/710	LR3A 40-4/710	LR3A 40-5/710	LR3A 40-3/800	LR3A 40-4/800	LR3A 40-5/800
Electrical data						
Operating data						
Rated voltage	3 x 400 Vac	3 x 400 Vac	3 x 400 Vac	3 x 400 Vac	3 x 400 Vac	3 x 400 Vac
Rated voltage (IEC)	3 x 690 Vac	3 x 690 Vac	3 x 690 Vac	3 x 690 Vac	3 x 690 Vac	3 x 690 Vac
Rated voltage (UL)	3 x 600 Vac	3 x 600 Vac	3 x 600 Vac	3 x 600 Vac	3 x 600 Vac	3 x 600 Vac
Short circuit voltage uK	3 % @ 400 Vac	4 % @ 400 Vac	5 % @ 400 Vac	3 % @ 400 Vac	4 % @ 400 Vac	5 % @ 400 Vac
Frequency range	0 - 50 Hz	0 - 50 Hz	0 - 50 Hz	0 - 50 Hz	0 - 50 Hz	0 - 50 Hz
Voltage drop	6.9 Vac	9.2 Vac	11.6 Vac	6.9 Vac	9.2 Vac	11.6 Vac
Rated current	710 A	710 A	710 A	800 A	800 A	800 A
Inductivity	0.031 mH	0.042 mH	0.052 mH	0.022 mH	0.037 mH	0.046 mH
Inductivity deviation	±10 %	±10 %	±10 %	±10 %	±10 %	±10 %
Approvals						
Approvals	cURus	cURus	cURus	cURus	cURus	cURus
Environment						
Ambient temperature	-10 °C to +40 °C	-10 °C to +40 °C	-10 °C to +40 °C	-10 °C to +40 °C	-10 °C to +40 °C	-10 °C to +40 °C
Cooling method	AN	AN	AN	AN	AN	AN
Safety and protection						
Type	Open type	Open type	Open type	Open type	Open type	Open type
Protection index	IP 00	IP 00	IP 00	IP 00	IP 00	IP 00
Safety class (prepared)	I	I	I	I	I	I
Class of Insulation System	IEC=H, UL=class 180	IEC=H, UL=class 180	IEC=H, UL=class 180	IEC=H, UL=class 180	IEC=H, UL=class 180	IEC=H, UL=class 180
Test voltage	4000 Vac	4000 Vac	4000 Vac	4000 Vac	4000 Vac	4000 Vac
Order numbers						
Order Number	LR3A 40-3/710	LR3A 40-4/710	LR3A 40-5/710	LR3A 40-3/800	LR3A 40-4/800	LR3A 40-5/800



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Typ	LR3A 40-3/1000	LR3A 40-4/1000	LR3A 40-5/1000	LR3A 40-3/1200	LR3A 40-4/1200	LR3A 40-5/1200
Electrical data						
Operating data						
Rated voltage	3 x 400 Vac	3 x 400 Vac	3 x 400 Vac	3 x 400 Vac	3 x 400 Vac	3 x 400 Vac
Rated voltage (IEC)	3 x 690 Vac	3 x 690 Vac	3 x 690 Vac	3 x 690 Vac	3 x 690 Vac	3 x 690 Vac
Rated voltage (UL)	3 x 600 Vac	3 x 600 Vac	3 x 600 Vac	3 x 600 Vac	3 x 600 Vac	3 x 600 Vac
Short circuit voltage uK	3 % @ 400 Vac	4 % @ 400 Vac	5 % @ 400 Vac	3 % @ 400 Vac	4 % @ 400 Vac	5 % @ 400 Vac
Frequency range	0 - 50 Hz	0 - 50 Hz	0 - 50 Hz	0 - 50 Hz	0 - 50 Hz	0 - 50 Hz
Voltage drop	6.9 Vac	9.2 Vac	11.6 Vac	6.9 Vac	9.2 Vac	11.6 Vac
Rated current	800 A	1000 A	800 A	1200 A	1200 A	1200 A
Inductivity	0.022 mH	0.030 mH	0.037 mH	0.018 mH	0.025 mH	0.031 mH
Inductivity deviation	±10 %	±10 %	±10 %	±10 %	±10 %	±10 %
Approvals						
Approvals	cURus	cURus	cURus	cURus	cURus	cURus
Environment						
Ambient temperature	-10 °C to +40 °C	-10 °C to +40 °C	-10 °C to +40 °C	-10 °C to +40 °C	-10 °C to +40 °C	-10 °C to +40 °C
Cooling method	AN	AN	AN	AN	AN	AN
Safety and protection						
Type	Open type	Open type	Open type	Open type	Open type	Open type
Protection index	IP 00	IP 00	IP 00	IP 00	IP 00	IP 00
Safety class (prepared)	I	I	I	I	I	I
Class of Insulation System	IEC=H, UL=class 180	IEC=H, UL=class 180	IEC=H, UL=class 180	IEC=H, UL=class 180	IEC=H, UL=class 180	IEC=H, UL=class 180
Test voltage	4000 Vac	4000 Vac	4000 Vac	4000 Vac	4000 Vac	4000 Vac
Order numbers						
Order Number	LR3A 40-3/1000	LR3A 40-4/1000	LR3A 40-5/1000	LR3A 40-3/1200	LR3A 40-4/1200	LR3A 40-5/1200

Typ	LR3A 40-3/1400	LR3A 40-4/1400	LR3A 40-5/1400	LR3A 40-3/1600	LR3A 40-4/1600	LR3A 40-5/1600
Electrical data						
Operating data						
Rated voltage	3 x 400 Vac	3 x 400 Vac	3 x 400 Vac	3 x 400 Vac	3 x 400 Vac	3 x 400 Vac
Rated voltage (IEC)	3 x 690 Vac	3 x 690 Vac	3 x 690 Vac	3 x 690 Vac	3 x 690 Vac	3 x 690 Vac
Rated voltage (UL)	3 x 600 Vac	3 x 600 Vac	3 x 600 Vac	3 x 600 Vac	3 x 600 Vac	3 x 600 Vac
Short circuit voltage uK	3 % @ 400 Vac	4 % @ 400 Vac	5 % @ 400 Vac	3 % @ 400 Vac	4 % @ 400 Vac	5 % @ 400 Vac
Frequency range	0 - 50 Hz	0 - 50 Hz	0 - 50 Hz	0 - 50 Hz	0 - 50 Hz	0 - 50 Hz
Voltage drop	6.9 Vac	9.2 Vac	11.6 Vac	6.9 Vac	9.2 Vac	11.6 Vac
Rated current	1400 A	1400 A	1400 A	1600 A	1600 A	1600 A
Inductivity	0.016 mH	0.021 mH	0.026 mH	0.014 mH	0.019 mH	0.023 mH
Inductivity deviation	±10 %	±10 %	±10 %	±10 %	±10 %	±10 %
Approvals						
Approvals	cURus	cURus	cURus	cURus	cURus	cURus
Environment						
Ambient temperature	-10 °C to +40 °C	-10 °C to +40 °C	-10 °C to +40 °C	-10 °C to +40 °C	-10 °C to +40 °C	-10 °C to +40 °C
Cooling method	AN	AN	AN	AN	AN	AN
Safety and protection						
Type	Open type	Open type	Open type	Open type	Open type	Open type
Protection index	IP 00	IP 00	IP 00	IP 00	IP 00	IP 00
Safety class (prepared)	I	I	I	I	I	I
Class of Insulation System	IEC=H, UL=class 180	IEC=H, UL=class 180	IEC=H, UL=class 180	IEC=H, UL=class 180	IEC=H, UL=class 180	IEC=H, UL=class 180
Test voltage	4000 Vac	4000 Vac	4000 Vac	4000 Vac	4000 Vac	4000 Vac
Order numbers						
Order Number	LR3A 40-3/1400	LR3A 40-4/1400	LR3A 40-5/1400	LR3A 40-3/1600	LR3A 40-4/1600	LR3A 40-5/1600

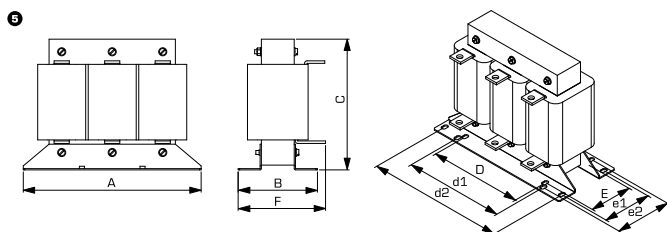


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Typ	Connections phase	Connections PE	Fixing method	Fixing screws	Weight	Dimension picture (in mm)	A	B	C	D	d1	d2	E	e1	e2	F
LR3A 40-3/90	Flat copper	for M8	Fixing rail	M8	0.00 kg	5	210	105	177	175	-	-	81	-	-	-
LR3A 40-4/90	Flat copper	for M8	Fixing rail	M8	0.00 kg	5	267	149	200	176	249	-	79	79	-	-
LR3A 40-5/90	Flat copper	for M8	Fixing rail	M8	0.00 kg	5	250	139	215	100	191	-	103	103	-	-
LR3A 40-3/100	Flat copper	for M8	Fixing rail	M8	0.00 kg	5	267	115	198	176	180	249	65	92	73	-
LR3A 40-4/100	Flat copper	for M8	Fixing rail	M8	0.00 kg	5	267	173	200	176	249	-	103	103	-	-
LR3A 40-5/100	Flat copper	for M8	Fixing rail	M8	0.00 kg	5	250	139	215	100	191	-	103	103	-	-
LR3A 40-3/115	Flat copper	for M8	Fixing rail	M8	0.00 kg	5	267	139	205	176	180	249	89	116	97	-
LR3A 40-4/115	Flat copper	for M8	Fixing rail	M8	0.00 kg	5	291	179	210	185	273	-	107	107	-	-
LR3A 40-5/115	Flat copper	for M8	Fixing rail	M8	0.00 kg	5	250	131	230	200	-	-	97	97	-	-
LR3A 40-3/125	Flat copper	for M8	Fixing rail	M8	0.00 kg	5	267	139	205	176	180	249	89	116	97	-
LR3A 40-4/125	Flat copper	for M8	Fixing rail	M8	0.00 kg	5	291	179	210	185	273	-	107	107	-	-
LR3A 40-5/125	Flat copper	for M8	Fixing rail	M8	0.00 kg	5	250	131	230	200	-	-	97	97	-	-
LR3A 40-3/160	Flat copper	for M8	Fixing rail	M8	0.00 kg	5	250	129	210	100	191	-	93	93	-	-
LR3A 40-4/160	Flat copper	for M8	Fixing rail	M8	0.00 kg	5	291	189	210	185	273	-	117	117	-	-
LR3A 40-5/160	Flat copper	for M8	Fixing rail	M8	0.00 kg	5	352	144	260	224	240	328	88	114	98	-
LR3A 40-3/180	Flat copper	for M8	Fixing rail	M8	0.00 kg	5	250	131	230	200	-	-	97	97	-	-
LR3A 40-4/180	Flat copper	for M8	Fixing rail	M8	0.00 kg	5	270	131	237	144	200	-	101	101	-	-
LR3A 40-5/180	Flat copper	for M8	Fixing rail	M8	0.00 kg	5	352	169	265	224	240	328	113	139	123	-
LR3A 40-3/200	Flat copper	for M8	Fixing rail	M8	0.00 kg	5	250	131	230	200	-	-	97	97	-	-
LR3A 40-4/200	Flat copper	for M8	Fixing rail	M8	0.00 kg	5	352	194	260	224	240	328	102	92	119	-
LR3A 40-5/200	Flat copper	for M8	Fixing rail	M8	0.00 kg	5	352	169	265	224	240	328	113	139	123	-
LR3A 40-3/250	Flat copper	for M8	Fixing rail	M8	0.00 kg	5	352	144	260	224	240	328	88	114	98	-
LR3A 40-4/250	Flat copper	for M8	Fixing rail	M8	0.00 kg	5	352	207	260	224	240	328	115	105	132	-
LR3A 40-5/250	Flat copper	for M8	Fixing rail	M8	0.00 kg	5	352	184	265	224	240	328	128	154	138	-
LR3A 40-3/300	Flat copper	for M8	Fixing rail	M8	0.00 kg	5	352	144	260	224	240	328	88	114	98	-
LR3A 40-4/300	Flat copper	for M8	Fixing rail	M8	0.00 kg	5	352	219	260	224	240	328	127	117	144	-
LR3A 40-5/300	Flat copper	for M8	Fixing rail	M8	0.00 kg	5	352	195	265	224	240	328	139	165	149	-
LR3A 40-3/400	Flat copper	for M8	Fixing rail	M8	0.00 kg	5	352	157	260	224	240	328	101	127	111	-
LR3A 40-4/400	Flat copper	for M8	Fixing rail	M8	56.00 kg	5	352	234	260	224	240	328	142	132	159	-
LR3A 40-5/400	Flat copper	for M8	Fixing rail	M8	0.00 kg	5	412	170	315	264	310	388	134	134	124	-
LR3A 40-3/500	Flat copper	for M8	Fixing rail	M8	0.00 kg	5	352	184	265	224	240	328	128	154	138	-
LR3A 40-4/500	Flat copper	for M8	Fixing rail	M8	0.00 kg	5	352	245	260	224	240	328	153	143	170	-
LR3A 40-5/500	Flat copper	for M8	Fixing rail	M8	0.00 kg	5	412	170	315	264	310	388	134	134	124	-
LR3A 40-3/630	Flat copper	for M8	Fixing rail	M8	0.00 kg	5	412	170	315	264	310	388	134	134	124	-
LR3A 40-4/630	Flat copper	for M8	Fixing rail	M8	0.00 kg	5	480	225	380	316	370	450	125	143	135	-
LR3A 40-5/630	Flat copper	for M8	Fixing rail	M8	0.00 kg	5	552	193	410	356	430	516	145	171	143	-
LR3A 40-3/710	Flat copper	for M8	Fixing rail	M8	0.00 kg	5	412	185	315	164	310	388	149	149	139	-
LR3A 40-4/710	Flat copper	for M8	Fixing rail	M8	0.00 kg	5	480	235	380	316	370	450	135	153	145	-
LR3A 40-5/710	Flat copper	for M8	Fixing rail	M8	0.00 kg	5	552	193	410	356	430	516	145	171	143	-
LR3A 40-3/800	Flat copper	for M10	Fixing rail	M10	0.00 kg	5	480	183	370	316	370	450	135	143	125	-
LR3A 40-4/800	Flat copper	for M10	Fixing rail	M10	0.00 kg	5	480	250	380	316	370	450	150	153	145	-
LR3A 40-5/800	Flat copper	for M10	Fixing rail	M10	0.00 kg	5	552	193	410	356	413	516	145	171	143	-
LR3A 40-3/1000	Flat copper	for M10	Fixing rail	M10	0.00 kg	5	480	198	360	316	370	450	150	158	140	-
LR3A 40-4/1000	Flat copper	for M10	Fixing rail	M10	0.00 kg	5	480	295	380	316	370	450	195	198	190	-
LR3A 40-5/1000	Flat copper	for M10	Fixing rail	M10	0.00 kg	5	552	193	410	356	430	516	145	171	143	-

Dimension pictures



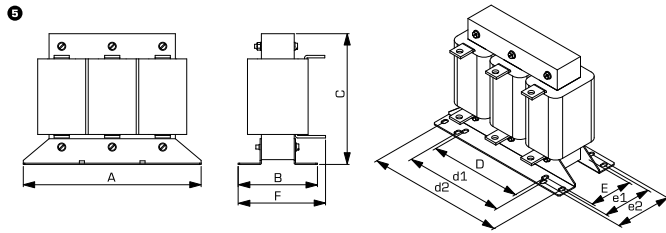


Line reactor, three-phase, aluminium
LR3A 400



Mechanical data	Type	Connections phase	Connections PE	Fixing method	Fixing screws	Weight	Dimension picture (in mm)												
							A	B	C	D	d1	d2	E	e1	e2	F			
	LR3A 40-3/1200	Flat copper	for M10	Fixing rail	M10	0.00 kg	552	193	410	356	430	516	145	171	143	-			
	LR3A 40-4/1200	Flat copper	for M10	Fixing rail	M10	0.00 kg	555	330	445	356	430	515	180	210	180	-			
	LR3A 40-5/1200	Flat copper	for M10	Fixing rail	M10	0.00 kg	552	302	410	356	430	516	232	258	230	-			
	LR3A 40-3/1400	Flat copper	for M10	Fixing rail	M10	0.00 kg	552	272	410	356	430	516	172	198	230	-			
	LR3A 40-4/1400	Flat copper	for M10	Fixing rail	M10	0.00 kg	555	360	445	356	430	515	210	240	210	-			
	LR3A 40-5/1400	Flat copper	for M10	Fixing rail	M10	0.00 kg	540	270	465	490	-	-	218	-	-	-			
	LR3A 40-3/1600	Flat copper	for M10	Fixing rail	M10	0.00 kg	552	272	410	356	430	516	202	228	200	-			
	LR3A 40-4/1600	Flat copper	for M10	Fixing rail	M10	0.00 kg	555	380	455	356	430	515	230	260	230	-			
	LR3A 40-5/1600	Flat copper	for M10	Fixing rail	M10	0.00 kg	540	370	465	490	-	-	302	338	318	-			

Dimension pictures



1.1

1.2

1.3

2.1

2.2

3.1

3.2

3.3

4.0

5.1

5.2