

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 vacuum impregnation
Integrated lifting rings

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, aluminium

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Electrical data	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
	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
	Inductance	0.245 mH	0.330 mH	0.408 mH	0.220 mH	0.290 mH	0.368 mH
	Inductance deviation	±10 %	±10 %	±10 %	±10 %	±10 %	±10 %
	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
	Type of cooling	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
	Insulation class	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



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LR3A 400

Electrical data	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
	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	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
	Inductance	0.193 mH	0.250 mH	0.320 mH	0.177 mH	0.230 mH	0.294 mH
	Inductance deviation	±10 %	±10 %	±10 %	±10 %	±10 %	±10 %
	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
	Type of cooling	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
	Insulation class	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

Electrical data	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
	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	160 A	160 A	160 A	180 A	180 A	180 A
	Inductance	0.138 mH	0.180 mH	0.230 mH	0.123 mH	0.160 mH	0.204 mH
	Inductance deviation	±10 %	±10 %	±10 %	±10 %	±10 %	±10 %
	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
	Type of cooling	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
	Insulation class	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



Line reactor, three-phase, aluminium

LR3A 400

Electrical data	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
	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
	Inductance	0.110 mH	0.150 mH	0.184 mH	0.088 mH	0.120 mH	0.147 mH
	Inductance 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
	Type of cooling	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
	Insulation class	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

Electrical data	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
	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
	Inductance	0.074 mH	0.089 mH	0.123 mH	0.055 mH	0.074 mH	0.092 mH
	Inductance 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
	Type of cooling	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
	Insulation class	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



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LR3A 400

Electrical data	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
	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
	Inductance	0.044 mH	0.059 mH	0.074 mH	0.035 mH	0.047 mH	0.059 mH
	Inductance deviation	±10 %	±10 %	±10 %	±10 %	±10 %	±10 %
	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
	Type of cooling	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
	Insulation class	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

Electrical data	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
	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
	Inductance	0.031 mH	0.042 mH	0.052 mH	0.022 mH	0.037 mH	0.046 mH
	Inductance deviation	±10 %	±10 %	±10 %	±10 %	±10 %	±10 %
	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
	Type of cooling	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
	Insulation class	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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Electrical data	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
	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
	Inductance	0.022 mH	0.030 mH	0.037 mH	0.018 mH	0.025 mH	0.031 mH
	Inductance deviation	±10 %	±10 %	±10 %	±10 %	±10 %	±10 %
	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
	Type of cooling	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
	Insulation class	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

Electrical data	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
	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
	Inductance	0.016 mH	0.021 mH	0.026 mH	0.014 mH	0.019 mH	0.023 mH
	Inductance deviation	±10 %	±10 %	±10 %	±10 %	±10 %	±10 %
	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
	Type of cooling	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
	Insulation class	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

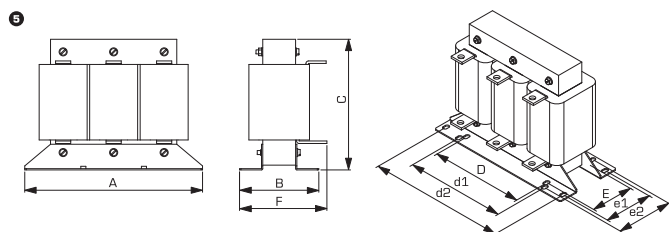


Line reactor, three-phase, aluminium

LR3A 400

Typ	Terminals phase	Terminals 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	10.64 kg	5	210	105	177	175	-	-	81	-	-	-
LR3A 40-4/90	Flat copper	for M8	Fixing rail	M8	10.95 kg	5	267	149	200	176	249	-	79	79	-	-
LR3A 40-5/90	Flat copper	for M8	Fixing rail	M8	18.25 kg	5	250	139	215	100	191	-	103	103	-	-
LR3A 40-3/100	Flat copper	for M8	Fixing rail	M8	11.33 kg	5	267	115	198	176	180	249	65	92	73	-
LR3A 40-4/100	Flat copper	for M8	Fixing rail	M8	16.30 kg	5	267	173	200	176	249	-	103	103	-	-
LR3A 40-5/100	Flat copper	for M8	Fixing rail	M8	18.47 kg	5	250	139	215	100	191	-	103	103	-	-
LR3A 40-3/115	Flat copper	for M8	Fixing rail	M8	17.09 kg	5	267	139	205	176	180	249	89	116	97	-
LR3A 40-4/115	Flat copper	for M8	Fixing rail	M8	17.30 kg	5	291	179	210	185	273	-	107	107	-	-
LR3A 40-5/115	Flat copper	for M8	Fixing rail	M8	26.25 kg	5	250	131	230	200	-	-	97	97	-	-
LR3A 40-3/125	Flat copper	for M8	Fixing rail	M8	17.42 kg	5	267	139	205	176	180	249	89	116	97	-
LR3A 40-4/125	Flat copper	for M8	Fixing rail	M8	17.10 kg	5	291	179	210	185	273	-	107	107	-	-
LR3A 40-5/125	Flat copper	for M8	Fixing rail	M8	26.25 kg	5	250	131	230	200	-	-	97	97	-	-
LR3A 40-3/160	Flat copper	for M8	Fixing rail	M8	15.91 kg	5	250	129	210	100	191	-	93	93	-	-
LR3A 40-4/160	Flat copper	for M8	Fixing rail	M8	22.10 kg	5	291	189	210	185	273	-	117	117	-	-
LR3A 40-5/160	Flat copper	for M8	Fixing rail	M8	27.39 kg	5	352	144	260	224	240	328	88	114	98	-
LR3A 40-3/180	Flat copper	for M8	Fixing rail	M8	25.48 kg	5	250	131	230	200	-	-	97	97	-	-
LR3A 40-4/180	Flat copper	for M8	Fixing rail	M8	25.20 kg	5	270	131	237	144	200	-	101	101	-	-
LR3A 40-5/180	Flat copper	for M8	Fixing rail	M8	37.71 kg	5	352	169	265	224	240	328	113	139	123	-
LR3A 40-3/200	Flat copper	for M8	Fixing rail	M8	25.59 kg	5	250	131	230	200	-	-	97	97	-	-
LR3A 40-4/200	Flat copper	for M8	Fixing rail	M8	25.00 kg	5	352	194	260	224	240	328	102	92	119	-
LR3A 40-5/200	Flat copper	for M8	Fixing rail	M8	38.04 kg	5	352	169	265	224	240	328	113	139	123	-
LR3A 40-3/250	Flat copper	for M8	Fixing rail	M8	25.08 kg	5	352	144	260	224	240	328	88	114	98	-
LR3A 40-4/250	Flat copper	for M8	Fixing rail	M8	31.00 kg	5	352	207	260	224	240	328	115	105	132	-
LR3A 40-5/250	Flat copper	for M8	Fixing rail	M8	44.03 kg	5	352	184	265	224	240	328	128	154	138	-
LR3A 40-3/300	Flat copper	for M8	Fixing rail	M8	26.07 kg	5	352	144	260	224	240	328	88	114	98	-
LR3A 40-4/300	Flat copper	for M8	Fixing rail	M8	37.00 kg	5	352	219	260	224	240	328	127	117	144	-
LR3A 40-5/300	Flat copper	for M8	Fixing rail	M8	48.65 kg	5	352	195	265	224	240	328	139	165	149	-
LR3A 40-3/400	Flat copper	for M8	Fixing rail	M8	31.48 kg	5	352	157	260	224	240	328	101	127	111	-
LR3A 40-4/400	Flat copper	for M8	Fixing rail	M8	43.50 kg	5	352	234	260	224	240	328	142	132	159	-
LR3A 40-5/400	Flat copper	for M8	Fixing rail	M8	53.59 kg	5	412	170	315	264	310	388	134	134	124	-
LR3A 40-3/500	Flat copper	for M8	Fixing rail	M8	43.37 kg	5	352	184	265	224	240	328	128	154	138	-
LR3A 40-4/500	Flat copper	for M8	Fixing rail	M8	49.00 kg	5	352	245	260	224	240	328	153	143	170	-
LR3A 40-5/500	Flat copper	for M8	Fixing rail	M8	55.46 kg	5	412	170	315	264	310	388	134	134	124	-
LR3A 40-3/630	Flat copper	for M8	Fixing rail	M8	53.15 kg	5	412	170	315	264	310	388	134	134	124	-
LR3A 40-4/630	Flat copper	for M8	Fixing rail	M8	67.00 kg	5	480	225	380	316	370	450	125	143	135	-
LR3A 40-5/630	Flat copper	for M8	Fixing rail	M8	83.13 kg	5	552	193	410	356	430	516	145	171	143	-
LR3A 40-3/710	Flat copper	for M8	Fixing rail	M8	62.44 kg	5	412	185	315	164	310	388	149	149	139	-
LR3A 40-4/710	Flat copper	for M8	Fixing rail	M8	76.00 kg	5	480	235	380	316	370	450	135	153	145	-
LR3A 40-5/710	Flat copper	for M8	Fixing rail	M8	104.73 kg	5	552	193	410	356	430	516	145	171	143	-
LR3A 40-3/800	Flat copper	for M10	Fixing rail	M10	70.39 kg	5	480	183	370	316	370	450	135	143	125	-
LR3A 40-4/800	Flat copper	for M10	Fixing rail	M10	115.00 kg	5	480	250	380	316	370	450	150	153	145	-
LR3A 40-5/800	Flat copper	for M10	Fixing rail	M10	105.06 kg	5	552	193	410	356	413	516	145	171	143	-
LR3A 40-3/1000	Flat copper	for M10	Fixing rail	M10	82.02 kg	5	480	198	360	316	370	450	150	158	140	-
LR3A 40-4/1000	Flat copper	for M10	Fixing rail	M10	145.00 kg	5	480	295	380	316	370	450	195	198	190	-
LR3A 40-5/1000	Flat copper	for M10	Fixing rail	M10	105.06 kg	5	552	193	410	356	430	516	145	171	143	-

Dimension pictures





Line reactor, three-phase, aluminium
LR3A 400

Mechanical data	Typ	Terminals phase	Terminals 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	98.13 kg		552	193	410	356	430	516	145	171	143	-
	LR3A 40-4/1200	Flat copper	for M10	Fixing rail	M10	186.20 kg		555	330	445	356	430	515	180	210	180	-
	LR3A 40-5/1200	Flat copper	for M10	Fixing rail	M10	189.20 kg		552	302	410	356	430	516	232	258	230	-
	LR3A 40-3/1400	Flat copper	for M10	Fixing rail	M10	124.77 kg		552	272	410	356	430	516	172	198	230	-
	LR3A 40-4/1400	Flat copper	for M10	Fixing rail	M10	170.50 kg		555	360	445	356	430	515	210	240	210	-
	LR3A 40-5/1400	Flat copper	for M10	Fixing rail	M10	177.87 kg		540	270	465	490	-	-	218	-	-	-
	LR3A 40-3/1600	Flat copper	for M10	Fixing rail	M10	159.76 kg		552	272	410	356	430	516	202	228	200	-
	LR3A 40-4/1600	Flat copper	for M10	Fixing rail	M10	186.00 kg		555	380	455	356	430	515	230	260	230	-
	LR3A 40-5/1600	Flat copper	for M10	Fixing rail	M10	301.62 kg		540	370	465	490	-	-	302	338	318	-

Dimension pictures

