Motor reactor

MR3 400/24



Advantages

High damping of edge steepness

High damping of inverter switching frequency

Reduction of leakage current at low construction volumes

Long shielded cable lengths possible

High efficiency

Very good corrosion protection and low noise due to vacuum impregnation

Applications

Motor reactor for the limitation of the voltage peaks damaging to the motor insulation (dv/dt).

Standards

Output reactor for frequency converter DIN EN 61558-2-20, IEC 61558-2-20

Approvals







Motor reactor MR3 400/24

Operating data Rated voltage Voltage range Rated current for motor rated output approx. Inductance Rated frequency Switching frequency Approvals Environment Ambient temperature max. Safety and protection Type Protection index Sefety class (prepared) Operating data Terminal and mounting Terminals phase Connection type Bolt, M5 Fixing rail Fixing screws M4 Measures and weights Weight A.85 lbs Dimensions in inch							
Rated voltage Voltage range Rated current For motor rated output approx. Inductance Rated frequency Switching frequency Approvals Environment Ambient temperature max. Safety and protection Type Protection index Sefety class (prepared) A x 400 Vac 3 x 400 Vac 3 x 400 Vac 3 x 400 Vac 4 A mm² Bolt, M5 Fixing rail Fixing method Fixing method Fixing screws M4 Measures and weights Weight Dimensions in inch Terminals phase Connection type Fixing method Fixing screws M4 Measures and weights Weight Dimensions in inch		MR3 400/24		Type		MR3 400/24	Type
Hated voltage 3 x 400 vac Voltage range 3 x 0 - 500 vac Screw clamp, 4 mm² Voltage range 3 x 0 - 500 vac Screw clamp, 4 mm² Voltage range 3 x 0 - 500 vac Screw clamp, 4 mm² Voltage range Screw clamp, 4 mm² Screw			g	Terminal and mounting	0		
Rated current for motor rated output approx. 14.75 HP Inductance Rated frequency Switching frequency Approvals Environment Ambient temperature max. Safety and protection Type Protection index Safety class (prepared) Fixing method Fixing screws M4 Measures and weights Weight 4.85 lbs Dimensions in inch Fixing method Fixing screws M4 Measures and weights Weight Dimensions in inch		Screw clamp, 4 mm ²		Terminals phase	∞ <u> </u>	3 x 400 Vac	Rated voltage
Inductance Rated frequency Switching frequency Approvals Environment Ambient temperature max. Safety and protection Type Protection index Safety class (prepared) Inductance 0.27 mH Weight Weight 4.85 lbs Dimensions in inch		Bolt, M5		Connection type		3 x 0 - 500 Vac	Voltage range
Inductance Rated frequency Switching frequency Approvals Approvals Environment Ambient temperature max. Safety and protection Type Protection index Safety class (prepared) Inductance 0.27 mH Weight Weight 4.85 lbs Dimensions in inch		Fixing rail		Fixing method	20	24 A	Rated current
Inductance Rated frequency Switching frequency Approvals Environment Ambient temperature max. Safety and protection Type Protection index Safety class (prepared) Inductance 0.27 mH Weight Weight 4.85 lbs Dimensions in inch Image: Protection index Safety class (prepared) Inductance Rated frequency 3 - 8 kHz Dimensions in inch		M4		Fixing screws	<u>a</u>	14.75 HP	for motor rated output approx.
Rated frequency Switching frequency Approvals Approvals Environment Ambient temperature max. Safety and protection Type Protection index Safety class (prepared) Rated frequency 3 - 8 kHz Weight 4.85 lbs Dimensions in inch			S	Measures and weights		0.27 mH	Inductance
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Approvals Environment Ambient temperature max. Safety and protection Type Protection index Safety class (prepared) I 04.0 °F Open type Protection index IP 00				Dimensions in inch	S		Approvals
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Safety and protection Type Protection index Safety class (prepared) IP 00	>					104.0 °F	Ambient temperature max.
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Safety class (prepared)			5.59			Open type	Туре
		ge de la				IP 00	Protection index
	3 15					1	Safety class (prepared)
						4000 Vac, 50 Hz	Test voltage
Insulation class VDE=F, UL=class 130		***	3.74	4.72 - I		VDE=F, UL=class 130	Insulation class
Order numbers							Order numbers
Order Number MR3 400/24						MR3 400/24	Order Number

