



MZ520N



Auxiliary contact for motor starter 1C+1O 230/400V AC

Technical properties

Architecture

Maximum poles of the main device	3
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Configuration

Number of modules	0.5
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Main electrical features

Rated operational voltage Ue	220 / 500 V
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Type of supply voltage	AC
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Voltage

Rated insulation voltage	690 V
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Rated impulse withstand voltage	6000 V
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Rated operational voltage in DC	24 / 220 V
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Electric current

Acceptable current rating with AC1	3 A
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Maximum current	25 A
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Rated current	1 A
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$I_{min} = f(U = 230 \text{ V AC})$	3 A
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$I_{min} = f(U = 230 \text{ V DC})$	0.25 A
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$I_{min}=f(U=400\text{V AC})$ for power circuit	2 A
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$I_{min}=f(U=24\text{V DC})$ for power circuit	2 A
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Dimensions

Depth of installed product	68 mm
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Width of installed product	9 mm
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Power

Total power loss under IN	0.04 W
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Power loss per pole at In	0.04 W
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Endurance

Electric endurance in number of cycles	50000
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Number of mechanical operations	100000
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Installation, mounting

Tightening torque	1,3Nm
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Factory fitted	No
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Connection

Equipment

Number of auxiliary contacts as normally closed contact	1
Number of auxiliary contacts as normally open contact	1
Number of auxiliary contacts as change-over contact	0
Quantity of NC contacts	1
Quantity of NO contacts	1
Quantity of INV contacts	0
Number of auxiliary contacts as fault signal	0

Safety

Protection index IP	IP20
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Use conditions

Operating temperature	-25...55 °C
Degree of pollution according to IEC 60664 / IEC 60947-2	3
Altitude	2000 m
Air humidity protection	95% / 80°C
Storage/transport temperature	-25...80 °C