



MZ520N



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

Technical characteristics

Architecture

Maximum poles of the main device	3
Fixing mode	Side mounting

Configuration

Number of modules	0.5
-------------------	-----

Main electrical features

Rated operational voltage U_e	220 / 500 V
Type of supply voltage	AC
Frequency	40/60 Hz

Voltage

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

Electric current

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

Dimensions

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

Power

Total power loss under I_N	0.04 W
Power loss per pole at I_N	0.04 W

Endurance

Electric endurance in number of cycles	50000
Number of mechanical operations	100000

Installation, mounting

Tightening torque	1,3Nm
Factory fitted	No

Connection

Connection cross-sect. flexible conductor	2,5mm ²
Connection cross-sect. rigid cable	2,5mm ²
Type of contacts	1NC+1NO
Type of connection	with screw

Accessories included

Type of accessory	Auxiliary signal switch
-------------------	-------------------------

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

Standards

European directive WEEE	concerned
-------------------------	-----------

Safety

Protection index IP	IP20
---------------------	------

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