



MZ520N



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

Technical properties

Architecture

| | |
|----------------------------------|---|
| Maximum poles of the main device | 3 |
|----------------------------------|---|

Configuration

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

Main electrical features

| | |
|--|-------------|
| Rated operational voltage U _e | 220 / 500 V |
| Type of supply voltage | AC |

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 V AC) | 3 A |
| I _{min} = f (U = 230 V DC) | 0.25 A |
| I _{min} =f(U=400V AC) for power circuit | 2 A |
| I _{min} =f(U=24V 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

| | |
|----------------|----|
| Factory fitted | No |
|----------------|----|

Connection

| | |
|--------------------|------------|
| Type of connection | with screw |
|--------------------|------------|

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 |
| Storage/transport temperature | -25...80 °C |