

## MOSAIC MOR4S8C

Order Code: 1100143

Safety Relay Expansion Unit, 4 Safety Relay Outputs with Configurable Outputs, 8 status Outputs, Clamp Terminal Blocks



Safety level

PL e

Status outputs

8 PNP (100 mA)

Safety relay outputs

4 single / 2 pairs NO (6A at 250 VAC)

## Technical Description

Provides 4 configurable guided contact safety relays

It allows to select the safety category via the MSD software:

Safety Cat. 1: 4 independent single channel outputs

Safety Cat. 2: 4 independent single channel outputs with OTE (Output Test Equipment)

Safety Cat. 4: 2 independent double channels outputs

## Features

|                                 |  |
|---------------------------------|--|
| Safety level                    | PL e   |
| Safety level (SIL / PL)         | SIL 3 - SILCL 3 - PL e - Cat. 4  |
| Operating temperature (°C)      | - 10 ... 55  |
| Signalling                      | LEDs indication for operating status and fault diagnosis. LED indication of the: relay outputs, reset request and status outputs condition |
| Connections                     | Removable terminal blocks, clamp contacts  |
| MTTFD (ISO13849) years          | The values depend on the type of use. Refer to the technical manual  |
| PFHD (IEC 61508)                | 2,94E-09   |
| Status outputs                  | 8 PNP (100 mA)   |
| Safety relay outputs            | 4 single / 2 pairs NO (6A at 250 VAC)  |
| Storage temperature (°C)        | -20 ... +85  |
| MSC connector provided          | Yes  |
| Connection with MSC BUS         | Yes  |
| Start/Restart inputs and EDM    | 4  |
| Packaging dimensions HxLxW (mm) | 36 x 127 x 113   |
| Product class                   | C  |
| Custom tariff                   | 85371091   |

## Electrical data

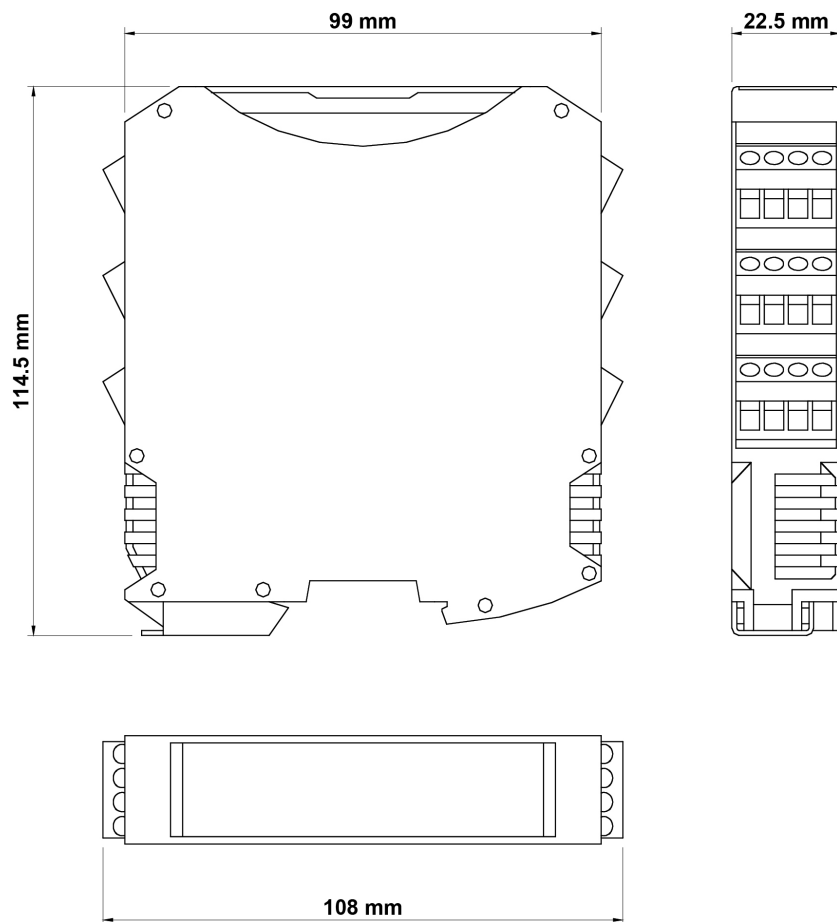
|                    |          |
|--------------------|----------|
| Power supply (VDC) | 24 ± 20% |
|--------------------|----------|

## MOSAIC MOR4S8C

## Mechanical data

|                       |  |
|-----------------------|--|
| Dimensions HxWxD (mm) | 108 x 22,5 x 114,5   |
| Degree of protection  | IP20 for housing - IP2X for terminal block                 |
| Fastening             | 35 mm DIN rail fastening according to EN 50022-35 standard |
| Gross weight (g)      | 255,4  |

Technical drawings



**Certificates**

