

MOSAIC MOR4C

Order Code: 1100142

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



Safety level

PL e

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 and reset request 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)	2,90E-09
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

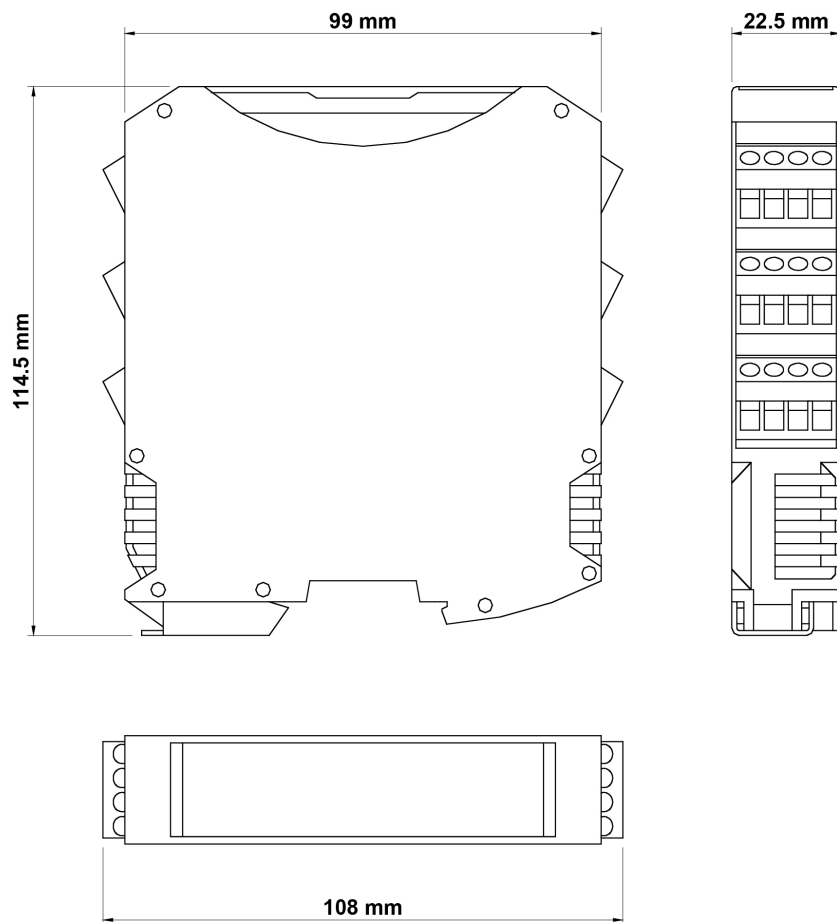
Power supply (VDC)	24 ± 20%
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Mechanical data

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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)	231,4

Technical drawings



Certificates

