

MOSAIC MR8

Order Code: 1100049

Safety Relay Expansion Unit, 8 Safety Relays (8 NO + 4 NC contacts), Screw Terminal Blocks



Safety level

PL e

Safety relay outputs

8 NO + 4 NC (6A at 250 VAC)

Technical Description

The MR8 Expansion Units do not require MSC as they are wired directly to the selected OSSD. Allows series connection of multiple contacts for EDM feedback (up to 13)

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 inputs condition
Connections	Removable terminal blocks, screw contacts
MTTFD (ISO13849) years	The values depend on the type of use. Refer to the technical manual
PFHD (IEC 61508)	The values depend on the type of use. Refer to the technical manual
Safety relay outputs	8 NO + 4 NC (6A at 250 VAC)
Storage temperature (°C)	-20 ... +85
Housing for MCM	No
USB input	No
Packaging dimensions HxLxW (mm)	58 x 127 x 113
Product class	C
Custom tariff	8536490

Electrical data

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

Mechanical data

MOSAIC MR8

Dimensions HxWxD (mm)	108 x 45 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)	416,3

Certificates

