

MOSAIC MO4L

Order Code: 1100012

Safety Outputs Expansion Unit, 4 single OSSD or 2 pairs (SIL 3), Screw Terminal Blocks



Safety level

PL e

Safety outputs

4 single OSSD, or 2 pairs
(400 mA)

Status outputs

4 PNP (100 mA)

Test outputs

4

Technical Description

Provides 2 different output configurations (configurable via the MSD software)

4 single OSSD (1 safety output per channel with 4 feedback inputs)

2 pairs OSSD (2 safety output per channel with 2 feedback inputs)

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: OSSD outputs, reset request and status outputs condition
Safety output type	4 single OSSD, or 2 pairs (PNP - 400mA at 24 VDC) with protection against short circuit, overload and reverse polarity
Connections	Removable terminal blocks, screw contacts
MTTFD (ISO13849) years	30 ... 100
PFHD (IEC 61508)	1,32E-08
Safety outputs	4 single OSSD, or 2 pairs (400 mA)
Status outputs	4 PNP (100 mA)
Test outputs	4
Storage temperature (°C)	-20 ... +85
MSC connector provided	Yes
Connection with MSC BUS	Yes
Start/Restart inputs and EDM	Up to 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

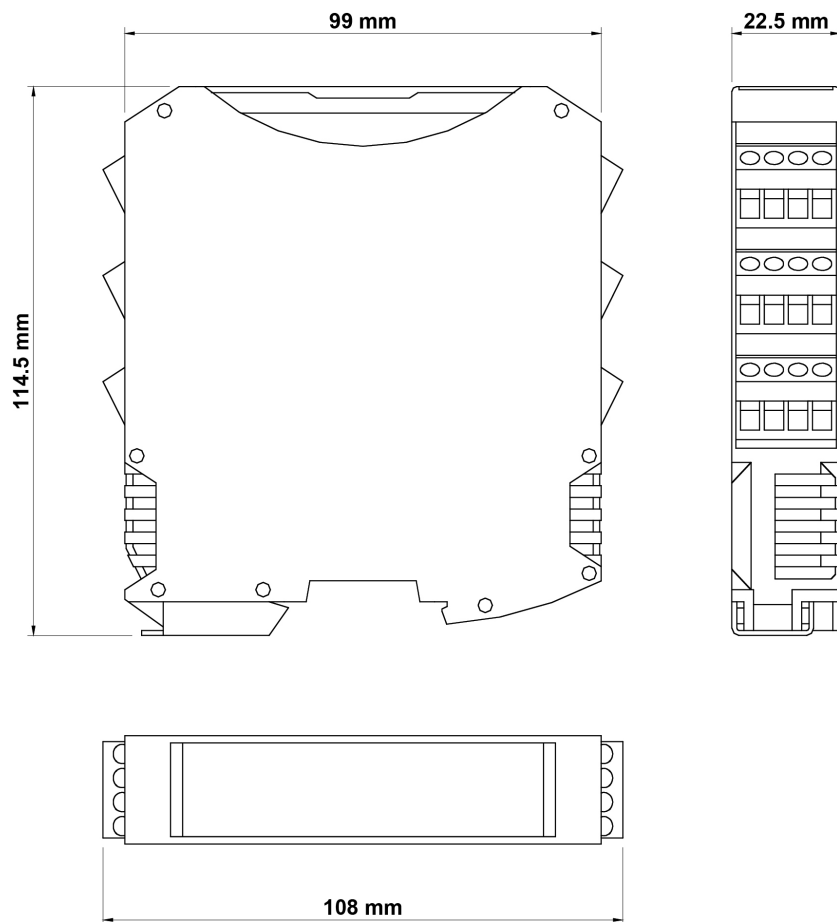
Dimensions HxWxD (mm)	108 x 22,5 x 114,5
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Degree of protection	IP20 for housing - IP2X for terminal block
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Fastening	35 mm DIN rail fastening according to EN 50022-35 standard
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Gross weight (g)	226
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Technical drawings



Certificates

