

MOSAIC MI802

Order Code: 1100010

Additional I/O Expansion Unit, 8 Inputs 2 OSSD pairs (SIL 3), Screw Terminal Blocks



Safety level

PL e

Safety inputs

8 digital inputs

Safety outputs

2 OSSD pairs (400 mA)

Status outputs

2 PNP (100 mA)

Test outputs

4

Technical Description

Additional Input/Output units

8 digital inputs, 2 inputs for Start/Restart interlock and external device monitoring (EDM), 2 pairs OSSD safety outputs, 2 status outputs, 4 test outputs

Features

Safety level	PL e
Safety inputs	8 digital inputs
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, OSSD outputs and status outputs condition
Safety output type	2 OSSD PNP (400 mA 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)	5,68E-09
Safety outputs	2 OSSD pairs (400 mA)
Status outputs	2 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	2
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

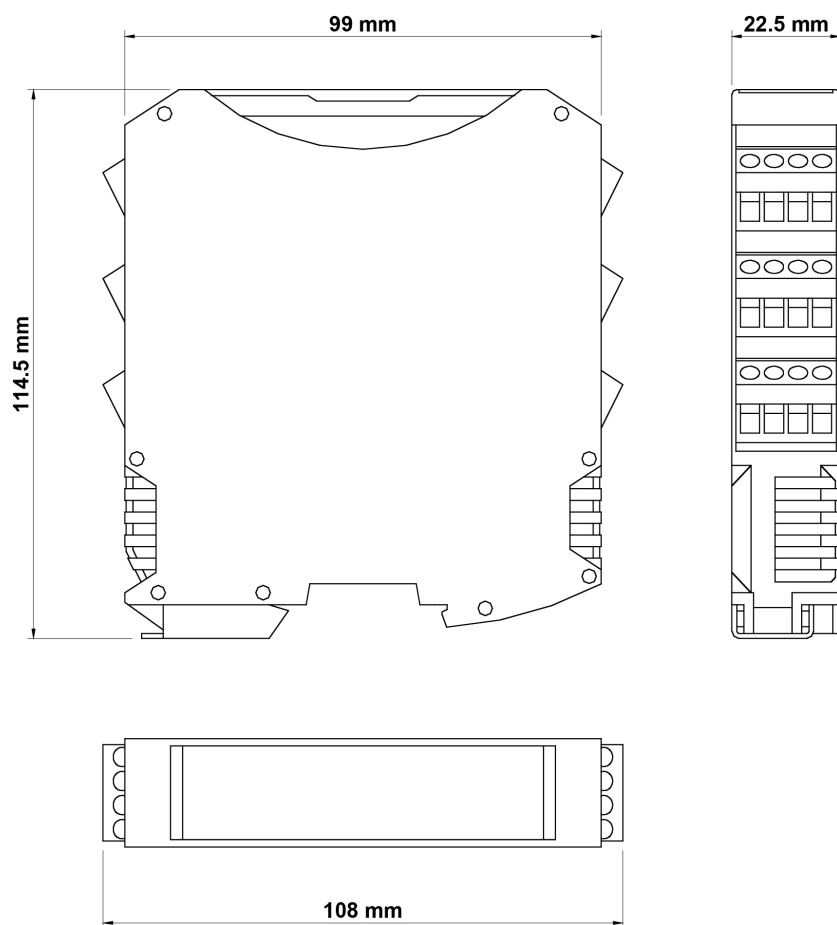
Dimensions HxWxD (mm)	108 x 22,5 x 114,5
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Degree of protection	IP20 for housing - IP2X for terminal block
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Fastening	35 mm DIN rail fastening according to EN 50022-35 standard
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Gross weight (g)	185,4
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Technical drawings



Certificates

