

MOSAIC M1S RV

Order Code: **1100023**

Enhanced Master Unit. Meets the following Atex Standards: 2014/34/EU; EN IEC 60079-0:2018; EN 60079-7:2015; UL 121201; CSA C22.2 No. 213-17. 8 Inputs max current consumption 4mA. 4 single or 2 pairs OSSD (SIL 3). Conformal coating of the electronic boards. Screw Terminal Blocks



Safety level

PL e

Safety inputs

8 digital inputs (4 mA max.)

Safety outputs

4 single OSSD, or 2 pairs (400 mA)

Status outputs

4 PNP (100 mA)

Test outputs

4

Technical Description

Features

Safety level	PL e
Safety inputs	8 digital inputs (4 mA max.)
Safety level (SIL / PL)	SIL 3 - SILCL 3 - PL e - Cat. 4
Operating temperature (°C)	- 40 ... 65
Signalling	LEDs indication for operating status and fault diagnosis. LED indication of the: inputs, 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)	1,44E-08
Safety outputs	4 single OSSD, or 2 pairs (400 mA)
Status outputs	4 PNP (100 mA)
Test outputs	4
Storage temperature (°C)	-40 ... +85
MSC connector provided	No
Connection with MSC BUS	Yes
Start/Restart inputs and EDM	4 (4 mA max.)
Housing for MCM	Yes
USB input	Yes
Packaging dimensions HxLxW (mm)	36 x 127 x 113

Product class	B
Custom tariff	85371091

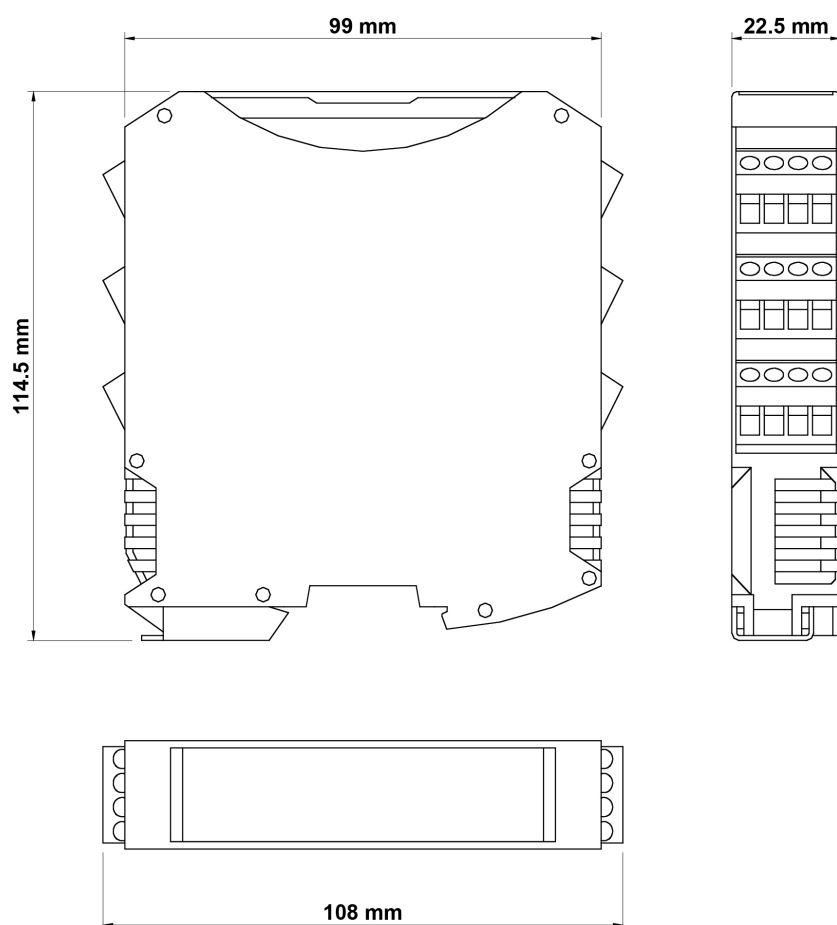
Electrical data

Power supply (VDC)	24 ± 20%
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Mechanical data

Dimensions HxWxD (mm)	108 x 22,5 x 114,5
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)	207,9

Technical drawings



Certificates

