

MOSAIC M1S COM

Order Code: **1100006**

Enhanced Master Unit. 8 Inputs. 4 single or 2 pairs OSSD (SIL 3). Field-bus ready. Screw Terminal Blocks



Safety level

PL e

Safety inputs

8 digital inputs

Safety outputs

4 single OSSD, or 2 pairs
(400 mA)

Status outputs

4 PNP (100 mA)

Test outputs

4

Technical Description

Master Unit for the control of any other expansion unit, can also work as Stand-Alone.

As Master Unit: to control a more complex system providing protection for bigger machineries with multiple sensors.

As Stand-Alone: to control smaller machinery connecting with up to 4 safety devices, i.e. 1 safety light curtain, 1 e-stop, 1 safety sensor (e.i. magnetic) and 1 two-hand switch.

Remote configuration via Field-bus interface.

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, reset request and status outputs condition. Specific LED indicator for the Fieldbus
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
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	No
Connection with MSC BUS	Yes
Start/Restart inputs and EDM	4
Housing for MCM	Yes
USB input	Yes
Fieldbus interfaces	EtherCAT, Ethernet IP, ModBus TCP, PROFINET

Packaging dimensions HxLxW (mm)	58 x 127 x 113
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Product class	A
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Custom tariff	85371091
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Electrical data

Power supply (VDC)	24 ± 20%
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Mechanical data

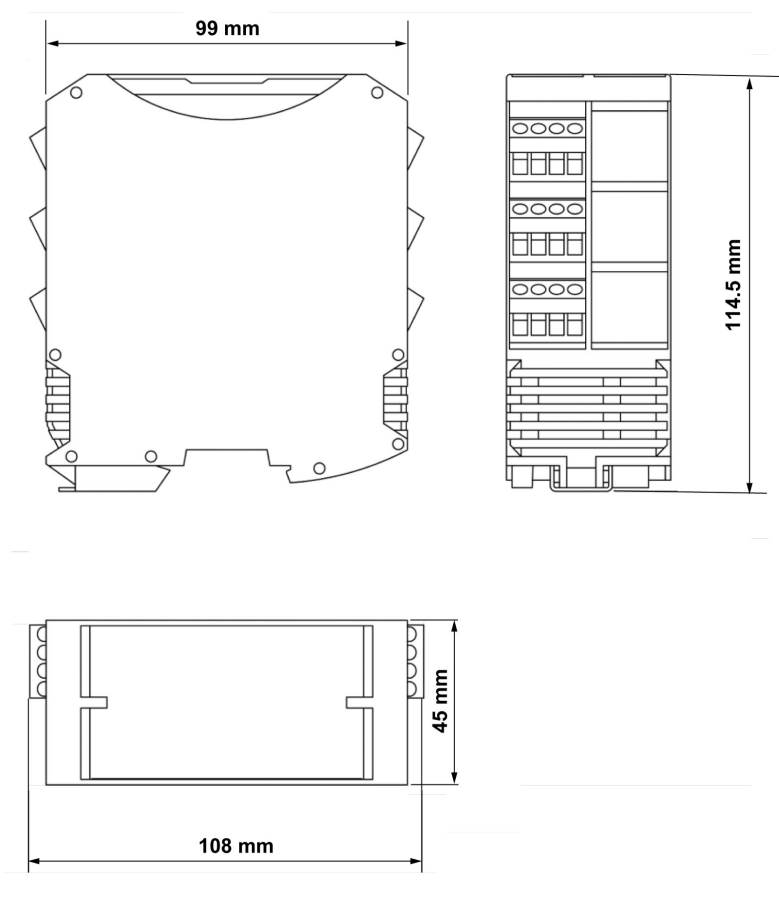
Dimensions HxWxD (mm)	108 x 45 x 114,5
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Degree of protection	IP20 for housing - IP2X for terminal block
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Fastening	35 mm DIN rail fastening according to EN 50022-35 standard
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Gross weight (g)	279,5
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Technical drawings



Certificates

