

MOSAIC MA4 V

Order Code: **1100033**

Analogue Inputs Expansion 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. 4 Analogue Inputs. Conformal coating of the electronic boards. Screw Terminal Blocks



Safety level

PL e

Safety inputs

4 analogue inputs

Technical Description

Features

Safety level	PL e
Safety inputs	4 analogue inputs
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 analog inputs condition
Connections	Removable terminal blocks, screw contacts
MTTFD (ISO13849) years	30 ... 100
PFHD (IEC 61508)	1,53E-08
Storage temperature (°C)	-40 ... +85
MSC connector provided	Yes
Connection with MSC BUS	Yes
Detection	Resolution 16 bit with sampling per second from 2,5 SPs to 4000 SPS. Each channel can supply 24 VDC up to 30 mA
Packaging dimensions HxLxW (mm)	36 x 127 x 113
Product class	A
Custom tariff	85371091

Electrical data

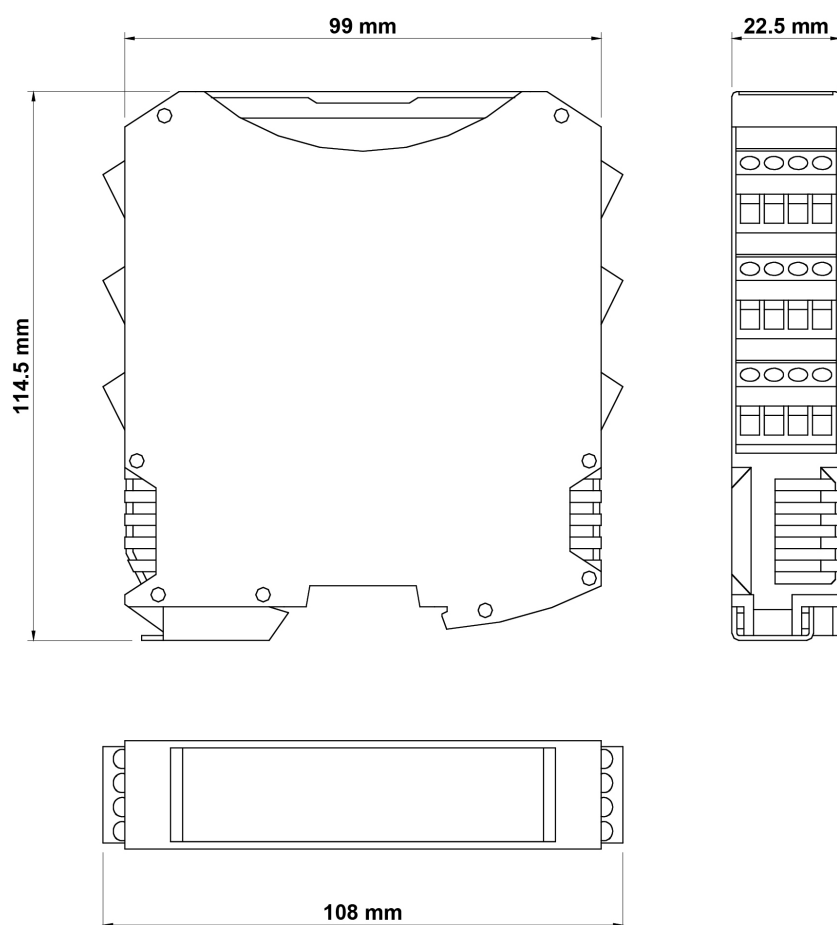
Power supply (VDC)	24 ± 20%
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Mechanical data

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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)	211,5

Technical drawings



Certificates

