

MOSAIC MA4C

Order Code: 1100125

Analogue Inputs Expansion Unit, 4 Analogue Inputs, Clamp Terminal Blocks



Safety level

PL e

Safety inputs

4 analogue inputs

Technical Description

For any application requiring to safely manage analogic sensors such as loading cells, pressure switches, temperature measurements, flow and level measurements, etc.

Works with Mosaic M1S and Mosaic M1S COM Main Units only

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)	- 10 ... 55
Signalling	LEDs indication for operating status and fault diagnosis. LED indication of the analog inputs condition
Connections	Removable terminal blocks, clamp contacts
MTTFD (ISO13849) years	30 ... 100
PFHD (IEC 61508)	1,53E-08
Storage temperature (°C)	-20 ... +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	C
Custom tariff	85371091

Electrical data

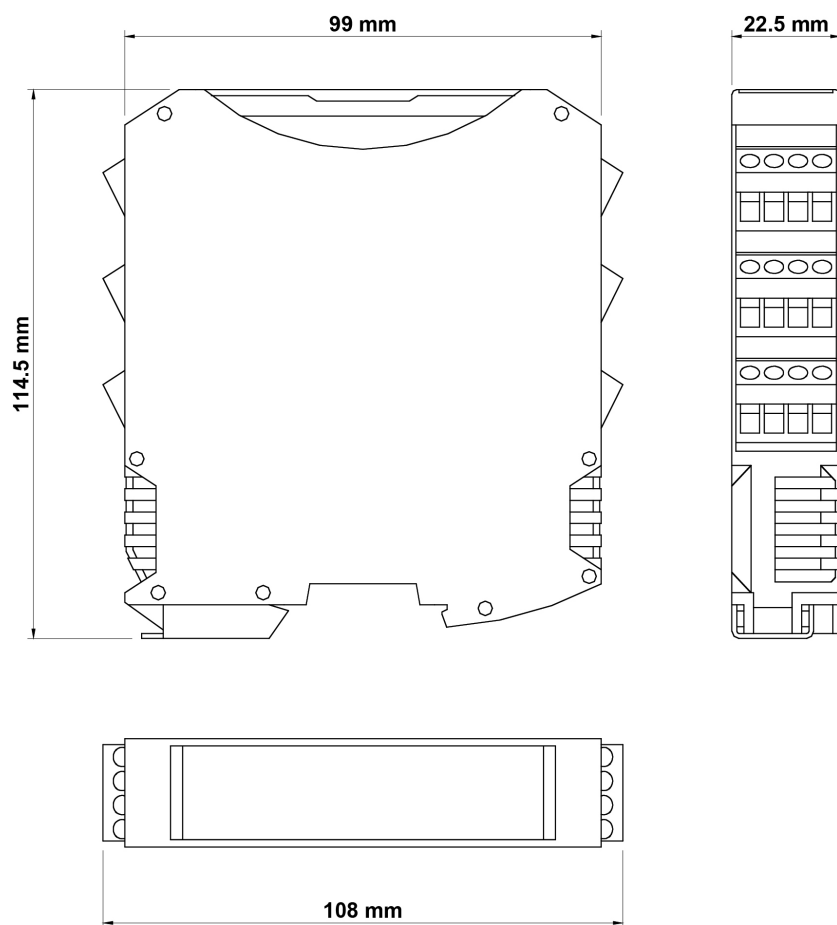
Power supply (VDC)	24 ± 20%
--------------------	----------

Mechanical data

MOSAIC MA4C

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)	199,4

Technical drawings



Certificates

