

CONFIGURABLE SAFETY CONTROLLERS

MOSAIC MI16

Input expansion unit. 16 digital inputs. 4 test outputs.



Certifications:



Safety Level:
SIL 3
SIL 3 – SILCL 3 PL e – Cat. 4

Technical data:

Family	MOSAIC
Code	1100021
Safety level (SIL / PL)	SIL 3 - SILCL 3 according to IEC 61508 - IEC 62061 / PL e - Cat. 4 according to ISO 13849-1
Power supply (VDC)	24 +/- 20%
Connections	Removable terminal blocks, screw contacts
Safety inputs	16
Safety relay outputs	-
Safety outputs	-
MTTFd (ISO 13849-1) years	345,01
PFHd (IEC 61508)	4.94E-9
CCF (ISO 13849-1)	80%
Degree of protection	IP 20 for housing - IP 2X for terminal block
Storage temperature (°C)	from -20 to +85
Operating temperature (°C)	From -10 to 55
Programmable signalling outputs	-
Test outputs	4
Start/Restart inputs and EDM	-
LED signalling	Input/output status and fault diagnostics
USB input	-
Housing for MCM	-
MSC connector provided	yes
Connection with MSC BUS	yes
Dimensions HxWxD (mm)	99 x 22,5 x 114
Fastening	Rail fastening according to EN 50022-35 standard
Packaging dimensions WxHxL (mm)	160x135x60
Gross weight (Kg)	0,24

Related products:

[MOSAIC CPM](#)

See technical drawing in the next page.

Technical drawing:

