

CONFIGURABLE SAFETY CONTROLLERS

MOSAIC MI802

I/O expansion unit.

8 digital inputs, 2 inputs for Start/Restart interlock and external device monitoring (EDM), 2 OSSD pairs, 4 test outputs, 2 programmable digital signal outputs.

Screw contacts

Certifications:



Technical data:

Family	MOSAIC
Code	1100010
Safety level (SIL / PL)	SIL 3 - SILCL 3 according to IEC 61508 - IEC 62061 / PL e - Cat. 4 according to ISO 13849-1
Connections	Removable terminal blocks, screw contacts
Power supply (VDC)	24 ± 20%
Safety inputs	8
Safety relay outputs	-
Safety outputs	2 pairs PNP - 400mA at 24 VDC with protection against short circuit, overload and reverse polarity
CCF (ISO 13849-1)	80%
system MTTFd (ISO 13849-1) years	422,33
PFHd (IEC 61508)	5.68E-9
Degree of protection	IP 20 for housing - IP 2X for terminal block
Operating temperature (°C)	From -10 to 55
Storage temperature (°C)	from -20 to +85
Programmable signalling outputs	2 PNP - 100mA
Test outputs	4
Start/Restart inputs and EDM	2
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 W x H x L (mm)	160 x 135 x 60
Gross weight (Kg)	0,24

Related products:

[MOSAIC CPM](#)

See technical drawing in the next page.

Technical drawing:

