

CONFIGURABLE SAFETY CONTROLLERS

MZERO 16.4

Stand-alone safety controller. Screw terminal blocks
16 digital inputs, 4 inputs for Start/Restart interlock, external device monitoring (EDM) or single input devices, 4 pairs OSSD safety outputs, 4 status outputs and 4 test outputs



Certifications:



Technical data:

Family	MZERO
Code	1100005
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 outputs	4 pairs PNP - 400mA at 24 VDC with protection against short circuit, overload and reverse polarity
Safety relay outputs	-
CCF (ISO 13849-1)	80%
system MTTFd (ISO 13849-1) years	154,51
PFHd (IEC 61508)	1,53E-8
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	4 PNP - 100 mA
Test outputs	4
Start/Restart inputs and EDM	4 (Moreover allows single input device connections)
LED signalling	Input/output status and fault diagnostics
USB input	yes
Housing for MCM	-
Dimensions HxWxD (mm)	108 x 45 x 114,5
Fastening	Rail fastening according to EN 50022-35 standard
Packaging dimensions W x H x L (mm)	160 x 135 x 120
Gross weight (Kg)	0,33
Product class	C

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[MOSAIC MR8](#)
[MOSAIC CSU](#)
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