

CONFIGURABLE SAFETY CONTROLLERS

MZERO 16.4 C

Stand-alone safety controller. Clamp 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:

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|-------------------------------------|--|
| Family | MZERO |
| Code | 1100205 |
| 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, clamp 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 |
| Operating temperature (°C) | From -10 to 55 |
| Storage temperature (°C) | from -20 to +85 |
| 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 |

Related products:

[MOSAIC MR2C](#)

[MOSAIC MR4C](#)

[MOSAIC MR8C](#)

[MOSAIC MSC](#)