

# CONFIGURABLE SAFETY CONTROLLERS

## MOSAIC MO4

Output expansion units. 2 inputs for Start/Stop interlock and device monitoring (EDM). 2 OSSD pairs. 2 programmable digital signal outputs.

### Certifications:



### Technical data:

|                                 |  |
|---------------------------------|--|
| Family                          | MOSAIC   |
| Code                            | 1100031  |
| 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                   | -  |
| 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%  |
| MTTFd (ISO 13849-1) years       | 715,70   |
| PFHd (IEC 61508)                | 5.84E-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 | 4 PNP - 100mA  |
| Test outputs                    | -  |
| Start/Restart inputs and EDM    | 4  |
| 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)               | 0,22   |

### Related products:

[MOSAIC CPM](#)

**See technical drawing in the next page.**

Technical drawing:

