

## CONFIGURABLE SAFETY CONTROLLERS

### MOSAIC MOR4S8C

Safety relay expansion units with configurable outputs.  
 4 single channel outputs (safety category 1 or 2); or 2 dual channel outputs (safety category 4).  
 8 programmable digital signal outputs.  
 Clamp terminal blocks.  
 Compatible: M1-M1S  
**Certifications:**



### Technical data:

Family	MOSAIC
Code	1100143
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 outputs	2 pairs or 4 single - 400mA at 24 VDC with protection against short circuit, overload and reverse polarity
Safety relay outputs	4 single N.O. - 6A at 250 VAC or 2 pairs N.O. - 6A at 250 VCA
PFHd (IEC 61508)	2,94E-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	8 PNP - 100 mA
Start/Restart inputs and EDM	4
LED signalling	Input/output status and fault diagnostics
Connection with MSC BUS	yes
Dimensions HxWxD (mm)	108 x 22,5 x 114,5
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)	0,32
Product class	C

### Related products:

[MOSAIC CPM](#)

### See technical drawing in the next page.

Technical drawing:

