



SSP

Safety System Products

MOSAIC MO2

Your advantages

- 2 OSSD output pairs
- 2 programmable status outputs
- 2 inputs for feedback circuit
- Width 22.5mm
- Modular expansion of the system
- Free Mosaic Safety Designer software
- Easy and quick programming
- Online mode
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To the downloads ►

we simplify safety

MOSAIC MO2

Output expansion module with 2 x OSSD pairs, 2 programmable digital information outputs and 2 inputs for reset/start and a feedback circuit (EDM).

General data

Type designation	MOSAIC MO2
Item number	SP-R-11-000-30

Safety data

Category (EN ISO 13849-1:2015)	cat. 4
SIL (acc. IEC 62061)	SIL 3 - SILCL 3
MTTFd (ISO 13849-1) years	1016,28
CCF (ISO 13849-1)	80%

Environmental conditions

Max. storage temperature	-20 ... +85 °C
Max. operating temperature	-10 ... 55 °C

Electrical data

Max. voltage (VDC)	24 +/- 20% A
LED lighting	Status of inputs and outputs and fault diagnoses
Programmable signal outputs	2 PNP - 100mA
Inputs for start/restart and external equipment monitoring	2
MSC plug connector supplied	yes
Connection to MSC bus	yes

Mechanical data

Height	99 mm
Width	22,5 mm
Length	114 mm
Mounting	on top hat rail according to standard EN 50022-35

Equipment

Safe control technology

MOSAIC MO2

MOSAIC M1

SP-R-11-000-00



MOSAIC MSC

SP-R-11-000-61



Downloads

- Product line
- EPLAN-Data