

Safety relay (standalone) Inputs: 2-channel wiring (intrinsically safe) with detection of shorts across contacts Outputs: 3 N/O, 1 N/C, 2 N/O intrinsically safe. Monitored start UB 230 V AC, width: 112.5 mm. Integral screw terminals. Monitoring E-STOP, safety gates ATEX approval in accordance with EN ISO 13849-1, EN ISO 13849-2, EN 62061, EN 60947-5-1, EN 1088, EN 61511, ISO 14119. Ex zones: II(1)G [Ex ia Ga] IIB/IIC, II(1)D [Ex ia Da] IIIC, I(M1) [Ex ia Ma] I, corresponds to EN 60079-0, EN 60079-11, EN 60079-26, EN 61241-11, EN 50303.

## Technical details

General data	
Approval:	CCC, CE, cULus Listed, ATEX, EAC (Eurasian), TÜV
Technical data	
Electrical data	
Supply voltage (V):	230 - 230 V
Type of supply voltage U1:	AC
Power consumption AC:	8 VA
Inputs	
Number of inputs:	2
Relay outputs	
Utilisation cat. AC/DC1 stand.:	EN 60947-4-1
Voltage AC1 safety cont.:	240 V
Max. current AC1 safety cont.:	4 A
Voltage DC1 safety cont.:	24 V
Max. current DC1 safety cont.:	2 A
Utilisation cat. AC15/DC13sta.:	EN 60947-5-1
Voltage AC15 safety cont.:	230 V
Max. current AC15 safety cont.:	4 A
Voltage DC13 safety cont.:	24 V
Safety contacts: AC at UL:	240 VAC G. P.

Safety contacts: pilot duty:	R300, B300
Relay contact material:	AgSnO2
Addit. contact details relay:	+ 0.2 µm Au
Environmental data	
Climatic suitability to ...:	EN 60068-2-78
Ambient temperature:	-20 - -20 °C
Humidity rating:	93 % r. h. at 40 °C
Condensation permitted?:	unzulässig
EMC to standard ...:	EN 60947-5-1, EN 61000-6-2, EN 61326-3-1
Vibration to standard ...:	EN 60068-2-6
Clearance & creepage dist. to:	EN 60947-1
Overvoltage category:	III / II
Pollution degree clear.&creep.:	2
Mechanical data	
Mounting position:	any
Housing material lower section:	PPO UL 94 V0
Housing material front plate:	ABS UL 94 V0
Housing material upper part:	PPO UL 94 V0
Connection terminal:	Screw terminal
Terminal style:	fixed
Flex. cond. c/s AWG info:	24 - 10 AWG
Height dimension:	87 mm
Width dimension:	112.5 mm
Depth dimension:	121 mm
Net weight:	725 g
Gross weight:	785 g
Environment	
WEEE classification (08/2018):	5 devices (feed size < 50cm)