

Safety relays Main unit UE43-3AR

UE43-3AR3D2



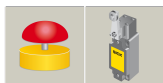
Model Name > [UE43-3AR3D2](#)
Part No. > [6034568](#)

At a glance

- Evaluation unit for safety switches
- Cross circuit detection and sequence monitoring for the dual-channel input signal
- 3 safety outputs, 1 application diagnostic output
- Automatic reset
- Combines the advantages of classic relays and easy circuitry
- Coded version for all plug-in positions

Your benefits

- Complete monitoring and analysis of sensors
- Faster response times provide short safety distances
- Compact size saves space in the control cabinet
- Fast diagnostics via the status information reduces downtime
- Fast tool-free exchange via coded pluggable terminals



Applications

Type of switching amplifier:	Main unit
Emergency stop pushbuttons:	✓
Safety switches:	✓
Opto-electronic protective devices:	-
System part:	Safety relays

Functions

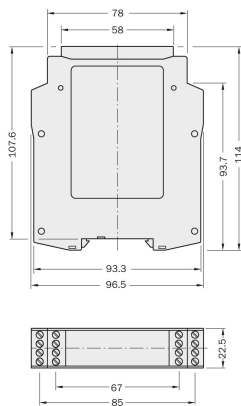
Input circuit:	Single- or dual-channel
Cross-circuit detection:	✓
Reset/restart:	Automatic
External device monitoring:	✓

Technical data

Safety integrity level:	SIL3 (IEC 61508), SILCL3 (IEC 62061)
Category:	Category 4 (EN ISO 13849)
Performance level:	PL e (EN ISO 13849)
B10d parameter:	3*1E 05 switching cycles (AC-15, 230 V, I = 5 A) 2* 1E 06 switching cycles (DC-15, 230 V, I = 2 A) 7*1E 06 switching cycles (DC-13, 24 V, I = 1 A)
PFHd:	1.30 * 1E-08

TM (mission time):	20 a
Stop category:	0, EN 60204
Width:	22.5 mm
Contact type:	Positively driven
Number of enable current contacts:	3
Number of signalling current contacts:	1
Operating voltage DC:	24 V AC/DC
Maximum power consumption AC:	3.6 VA
Maximum power consumption DC:	2.1 W
Type of output:	Relay contacts
Rated operating current (voltage):	5 A (230 V AC) 360 switching cycles/h 5 A (24 V DC) 3600 switching cycles/h
Maximum switching current:	8 A
Mechanical life (relay contacts):	1*1E 07 switching cycles
Electrical life (relay contacts):	1* 1E 06 switching cycles, dependent upon loading, details see operating instructions
Enclosure rating:	IP 20
Ambient operating temperature from ... to:	-25 °C ... 55 °C
Connection type:	Plug-in terminals

Dimensional drawing



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