

# Output expander

## AZR 62 A2



- Expander module for contact expansion
- 6 enabling paths, Stop 0
- 2 potential-free indication contacts:  
2 NC contacts in series;  
2 NC contacts in parallel
- Available for various operating voltages
- LEDs to show operating conditions
- Removable terminal block
- Control category 4 to EN 954-1 depending on the used safety relay module

## Technical data

Standards:	IEC/EN 60204-1, EN 954-1, BG-GS-ET-20
Stop category:	6x Stop 0 (depending on the connected safety relay module)
Control category:	max. 4 (depending on the connected safety relay module)
Enclosure:	polycarbonate
Connection:	plug-in, screw terminals
Cable section:	max. 2.5 mm <sup>2</sup> (incl. conductor ferrules)
Protection class:	terminals IP 20 enclosure IP 40 to EN 60529
U <sub>e</sub> :	24 VDC 24 VAC 110 VAC ± 15 % 230 VAC ± 15 %
Power consumption:	< 3 W
Inputs:	S13/14 and S23/24 potential-free NC contacts
Enabling contacts:	6 enabling paths
Utilisation category:	AC-15, DC-13
Switching capacity:	6 A / 250 VAC 3 A / 24 VDC
Fuse rating:	6 A gG D-fuse
Signalling output:	2 NC contacts
Switch-on time:	< 30 ms
Switch-off time:	< 150 ms
Indications:	green LED's for control voltage and output
Max. switching frequency:	5 Hz
Overvoltage category:	III to DIN VDE 0110
Degree of pollution:	2 to DIN VDE 0110
Ambient temperature:	- 25 °C ... + 45 °C
Function display:	3 LED
Weight:	510 g
Dimensions:	100 x 73.2 x 121 mm

## Approvals



## Ordering details

### AZR 62 A2 ①

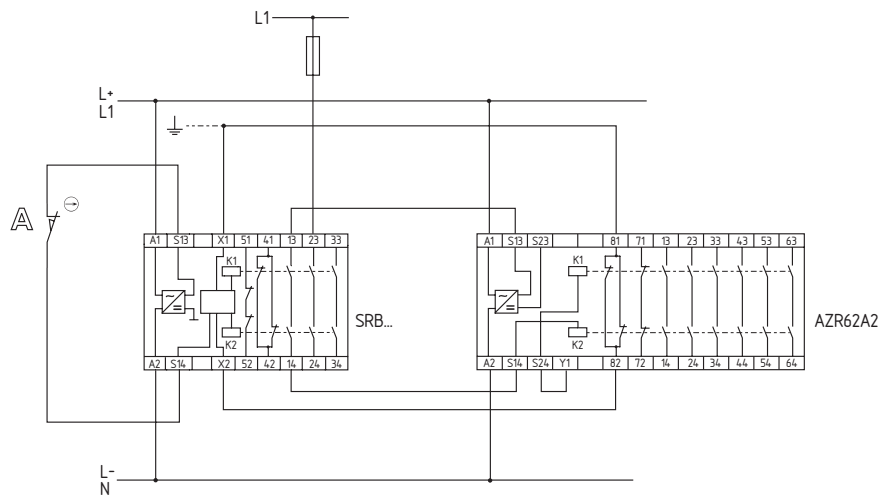
No.	Replace	Description
①	24VDC	24 VDC
	24VAC	24 VAC
	110VAC	110 VAC
	230VAC	230 VAC

## Output expander

### Note

- Power level: 1-channel control of the expander module is suitable for contact reinforcement or multiplication of the connected safety relay module.
- Terminals 81 and 82 of the expander module must be connected to the feedback circuit or reset circuit of the safety relay module.

### Wiring diagram



### Note

The wiring diagram shows the control of the expander module by a SRB... safety relay module with the guard doors closed and in de-energised condition.