

Model number

WE77-RE2



Features

- 2-channel isolated switch amplifier
- Control circuit designed for the direct current versions of ultrasonic sensors and proximity switches
- 230 V AC/115 V AC mains nominal voltage
- Switching frequency 10 kHz
- Each with 1 relay output with 1 changeover contact
- One LED status display for each output relay
- Modular housing
- For PNP-sensors the terminals 5 and 6, for NPN-sensors the terminals 6 and 7 are to short out
- Mode of operation: input closed - energising the relay/input open - relay de-energised

Technical data

Supply	
Connection	terminals 17, 18
Rated voltage	98 ... 126 V AC / 198 ... 253 V AC ,45 ... 63 Hz , switchable
Power consumption	approx. 7 VA
Input	
Connection	Terminals 2; 4
Input signal	high: 24 V DC \pm 20 %, 37 mA low: < 1 V DC, \leq 0.5 mA
Output	
Connection	terminals 10, 11, 12; 13, 14, 15 terminals 1+, 3-
Current	160 mA at 60 °C , short-circuit proof
Voltage	24 V DC \pm 20 %
Contact loading	AC: 250 V / 4 A / 500 VA / $\cos \varphi \geq 0.7$ DC: 220 V / 0.1 A; 60 V / 0.6 A; 24 V / 4 A
Energised/De-energised delay	approx. 20 ms / approx. 10 ms
Mechanical life	10 ⁷ switching cycles
Transfer characteristics	
Switching frequency	\leq 10 Hz
Ambient conditions	
Ambient temperature	-25 ... 60 °C (248 ... 333 K)
Storage temperature	-25 ... 85 °C (248 ... 358 K)
Mechanical specifications	
Protection degree	IP20
Connection	self-opening apparatus connection terminals, max. conductor cross section 1 x 2.5 mm ²
Mass	approx. 650 g
Dimensions	60 mm x 70 mm x 110 mm
Construction type	modular housing
Mounting	snap-on to 35 mm standard rail or screw fixing

Notes

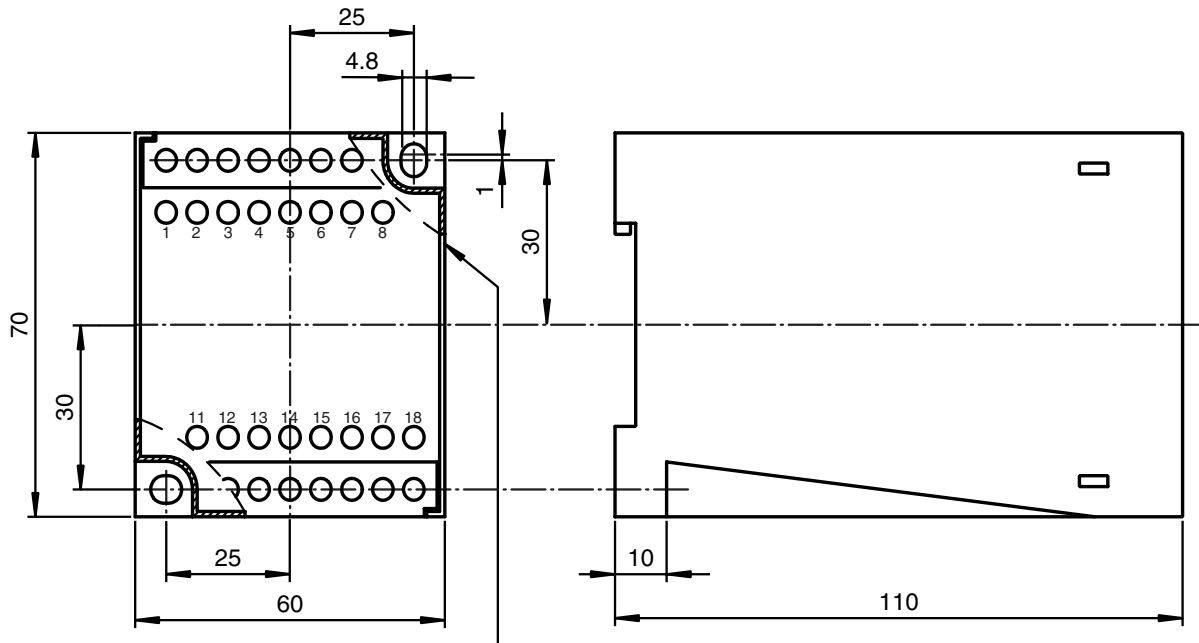
When using proximity switches (sensors) in pnp-technique (switched high), the connections 5 and 6 have to be bridged

When using proximity switches (sensors) in npn-technique (switched low), the connections 6 and 7 have to be bridged.

Mode of operation

Input	Output
	 energised
	 de-energised

Dimensions



Switch AC 115 V/230 V

Electrical connection

