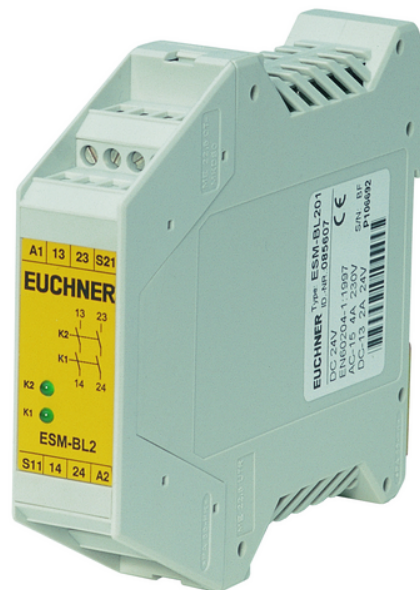


ESM-BL202 (Order no. 085608)

Base unit ESM-BL., 2 safety contacts, Cat. 3

- ▶ Use up to category 3 according to EN ISO 13849-1
- ▶ LED status indicators
- ▶ 1-channel or 2-channel control
- ▶ 2 redundant safety contacts



Relay outputs

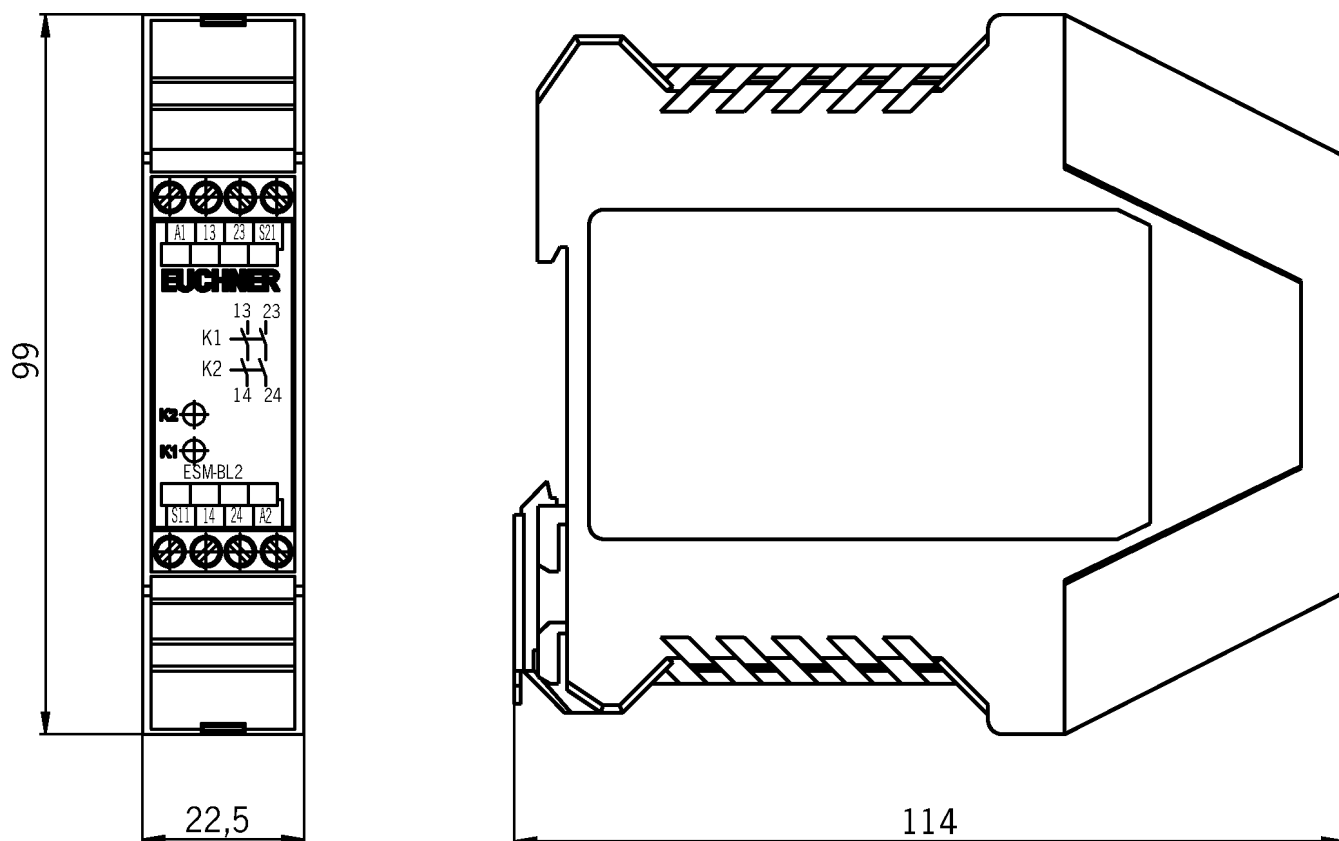
The outputs are electrically decoupled and of redundant design.

Connection options

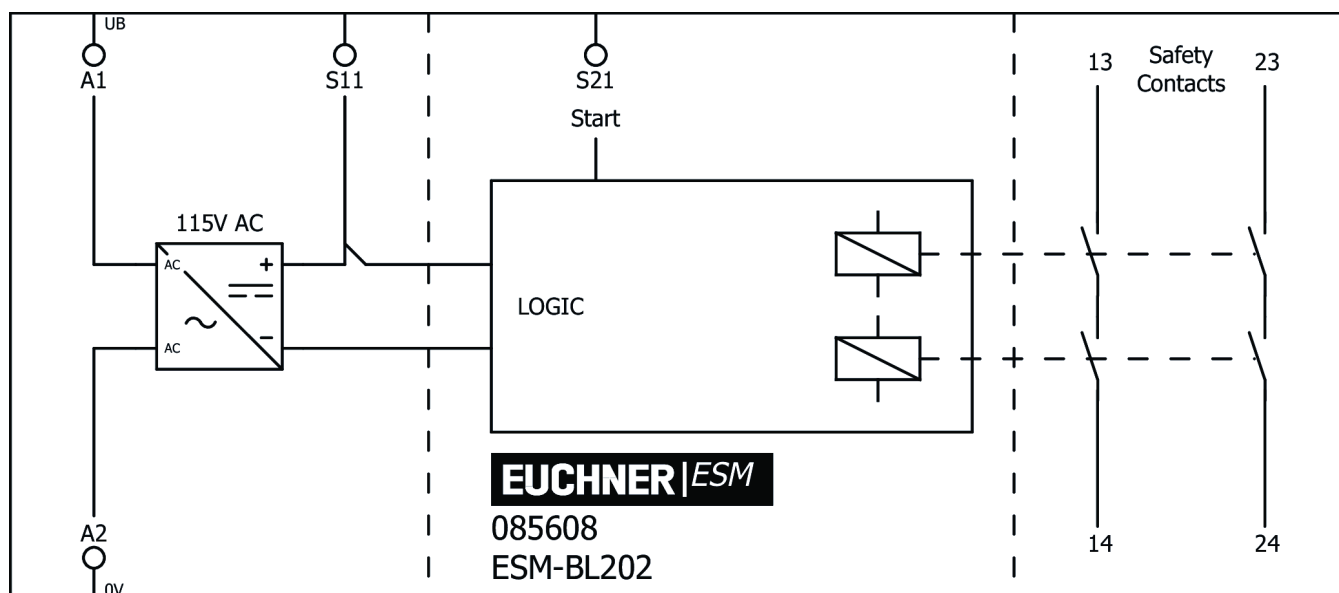
By using suitable wiring, the following functions can be selected:

- ▶ Relay start with automatic start or a start button
- ▶ Monitoring of downstream relays or contactors.

Dimensional drawings

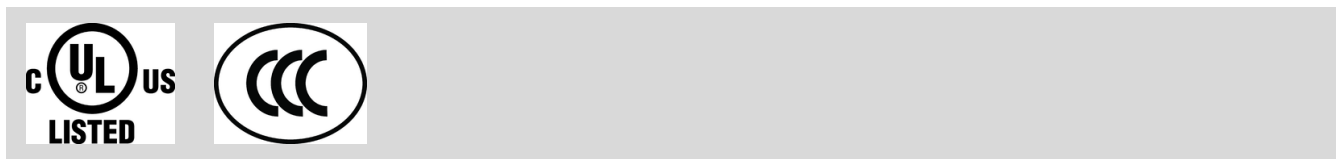


Connection examples



Technical data

Approvals



Operating and display elements

LED display 2 status displays (green) for relays K1 and K2

Electrical connection values

Power consumption (apparent power)	
at 230 V AC	3.5 VA
Connection cross section	0.14 ... 2.5 mm ² (Connection terminals (size))
Rated insulation voltage U_i	250 V
Rated supply frequency	50 ... 60 Hz
Rated impulse voltage U_{imp}	4 kV
Operating voltage	
AC	115 V -10% ... +10%
Test voltage	
Control system/contacts	2.5 kV
Control voltage	
on S11	18.6 ... 26 V
Control current	
S11...S14	40 mA
Degree of contamination (external, according to EN 60947-1)	2

Mechanical values and environment

Connection type	Connection terminals
Storage temperature	-25 ... 70 °C
Control cable length	
with conductor cross-section 0.75 mm ²	1000 m