



# Line coupler

## Line coupler for the monitoring system SAFELOG TOUCH

The line coupler is to increase the functional safety and enlarges the maximum cable length of the bus system e. g. splitting a building into different floors. Only 4 line couplers are allowed to be connected in a row, therefore the theoretically cable length of one circuit is 5 km (4 levels à 1,000 m + 1,000 m from the central unit). In addition, the line coupler enables the use of cable branches.

## Equipment

- Automatic search function for luminaires
- Reverse polarity protected RS485 bus
- Communication display



## Technical specifications and order information

### SAFELOG LK250

Connecting terminals	1.5 mm <sup>2</sup> to 2.5 mm <sup>2</sup>
Mounting type	Rail mounting
Dimensions (W x H x D)	106 x 90 x 58 mm
Bus connections	2 x RS485 (5V level) / reverse polarity protected
Power consumption	4,0 W
Power supply	1/N/PE AC 50Hz 230V
Ambient temperature	0°C to +35°C
Protection class	IP20
Safety class	II

**Order number** 910010

#### Suitable for following systems:

SAFELOG TOUCH                      SAFELOG TOUCH WIRELESS

### Rail mounting

