IP20

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, therefor 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

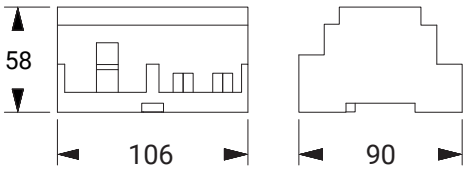
SAFELOG LK250

Connecting terminals	1.5 mm² to 2.5 mm²
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



Technical changes reserved / 06.11.2026