

## FDCL221

Sinteso™

### Line separator



addressable

- 
- Automatic line separator
  - For the retrofitting of existing, collective systems with multiple stub lines to one loop line
  - Status indication with LED
  - Communication via FDnet (individual addressing)
  - For installation in intermediate distributor or in fire control unit

## Characteristics

---

- **Environmental**

- ecologically processing
- recyclable materials
- electronic und synthetic material simple separable

- **Characteristics**

- protected electronics
- built-in response indicator to signal line separation

## Line separator FDCL221

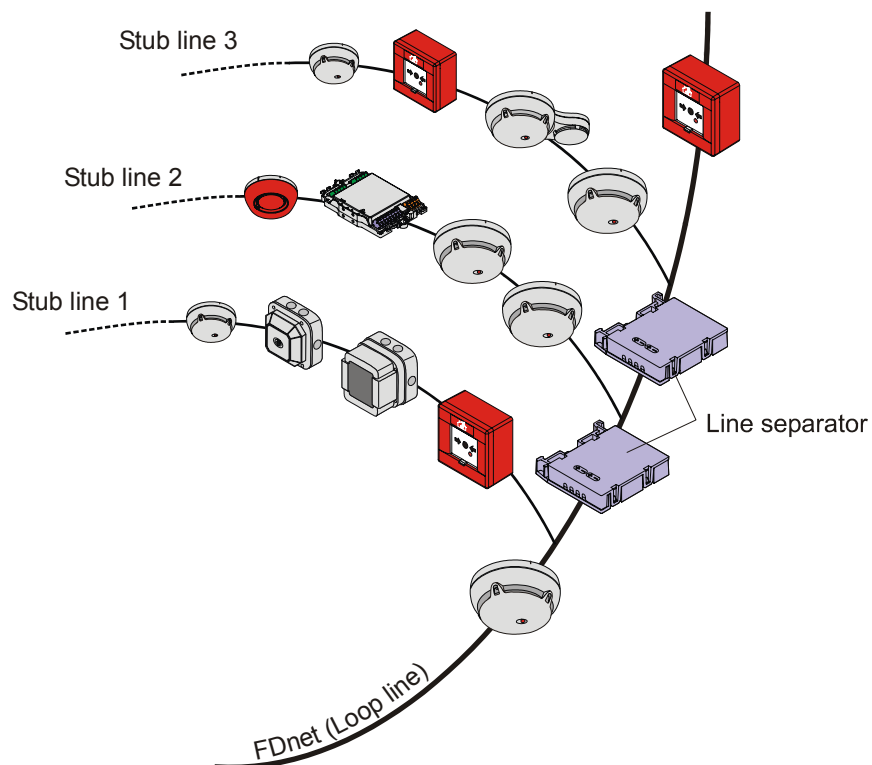
---

- **Function**

- The separator is an 'electronic switch', which is integrated in the FDnet and separates the negative conductor in case of a short circuit, so that the short circuit-free side can continue to be operated.
- The separator has 2x2 connectors for the detector line.
- yellow LED for the status indication signals the short circuit separation

- **Application**

- To avoid the breakdown of several stub lines in case of a short circuit, line separators may be inserted.
- The line separator is used where several stub lines are connected to the FDnet at one point.
- retrofitting of existing, collective systems to the addressed Sinteso™ fire detection system

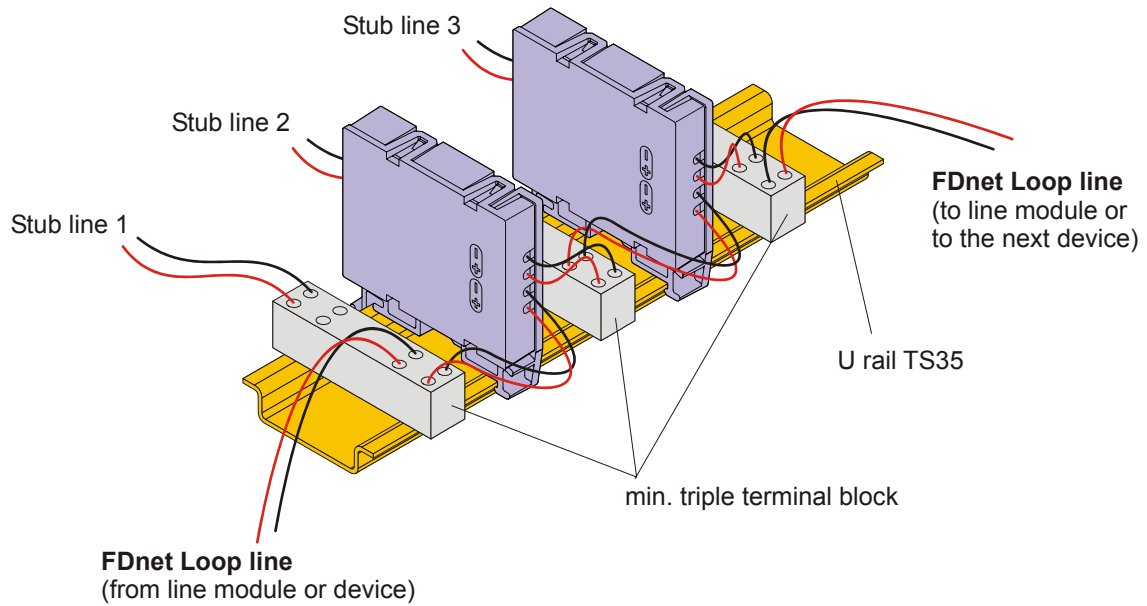


## Installation

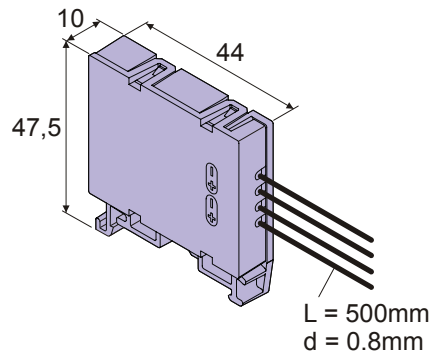
- The line separator can be integrated in the supply shaft on every floor in an intermediate distribution frame, or at the place of the collective control unit. When all stubs are guided individually to the collective control unit, insert the line separator directly in the new fire detection control unit.

- **Installation in intermediate distributor or in fire control unit**

- Separator can be mounted “flying” over the terminal block. For single mounting, is a mounting hole is provided at the bottom.



## Dimensions



## Technical data

Operating voltage	12... 33 VDC
Operating current (quiescent)	250 $\mu$ A
Operating temperature	-25... +70 °C
Storage temperature	-30... +80 °C
Humidity	
at T $\leq$ 34 °C	$\leq$ 95 % rel.
at T $\geq$ 34 °C	$\leq$ 35 g/m <sup>3</sup>
Communication protocol	FDnet
Color	transparent
Protection category	IP44
Standards	prEN54-17
Approvals	
- VdS	G204030
QS standard	Siemens Standard SN 36350
System compatibility	AlgoRex/FDnet, SIGMASYS/FDnet

## Details for ordering

Type	Part no	Designation	Weight
FDCL221	A5Q00004011	Line separator	0.040 kg