

# Product data sheet

## Area / line coupler



### Reference number

21420 1S R

### KNX area / line coupler

rail mounting device, 1 rail unit

ETS product family: System components

Product type: Line coupler

### Intended use

- Connects two KNX data lines / segments / areas and ensures the electrical isolation between these lines / segments / areas
- Can be operated as an area coupler, line coupler or segment coupler by addressing
- Mounting on DIN rail according to EN 60715 in distribution box

### Product characteristics

- KNX Data Secure compatible with ETS 5.7.7 or ETS 6.1.0 or higher
- Secure proxy for connecting an unencrypted and encrypted line
- Electrical isolation between superordinate and subordinate line
- Manual operation to deactivate the filter functions

### Technical data

|                              |                     |
|------------------------------|---------------------|
| Ambient temperature:         | -5 ... +45 °C       |
| Stora/transport temperature: | -25 ... +70 °C      |
| Protection class:            | III                 |
| Mounting width:              | 18 mm (1 rail unit) |
| KNX medium:                  | TP 256              |
| Commissioning mode:          | S-mode              |
| Rated voltage KNX:           | DC 21 ... 32 V SELV |
| KNX current consumption      |                     |
| superordinate line:          | approx. 9 mA        |
| subordinate line:            | approx. 5 mA        |
| Connection mode:             | connection terminal |

