



## BC5516-Cotag

Access control

### Split-mounted hands-free loop reader Kit

- Loop reader
- Cotag technology

The BC5516-Cotag is a loop reader kit that consists of a BC270 loop coupler and a BC5311 reader interface. It reads Siemens unique Cotag cards and tags (both active only) which offers ultimate convenience and cost-efficiency. It has a reading range of up to three meters depending of the construction of the loop.

The BC270 loop coupler allows simple wire-loop antennas to be used for applications such as access loops around doors and roadway loops for vehicle (AVI) systems. The transmit range is adjustable. It is easy to monitor TX and RX status via onboard LEDs.

The BC5311 reader interface allows Cotag technology reading heads to integrate into non-Cotag systems. Popular data interfaces ensure easy integration with most host systems.

## Technical data

| <b>BC5516-Cotag</b>     |   |
|-------------------------|---|
| System compatibility    | SiPass Entro Lite, SiPass Entro, SiPass integrated            |
| Interface to controller | Clock&Data or Wiegand   |
| Operating voltage       | 10 to 35 VDC  |
| Current consumption     | 300 mA @ 12V DC<br>160 mA @ 24V DC                            |
| Tamper switch           | No  |
| Card technology         | Cotag   |
| Card compatibility      | IB911, IB928 & IB970  |
| Card read distance      | Up to 300 cm with active card, depending on loop construction |
| Indicators              | None  |
| Keypad                  | No  |
| Operating temperature   | -40 to +70 °C (BC270)<br>0 to +50 °C (BC5311)                 |
| Environment             | Indoor for the reader interface. Indoor or outdoor for BC270  |
| IP rating               | IP66 [BC270]  |
| Housing                 | UV-resistant ABS plastic                                      |
| Colour                  | Light grey  |
| Dimensions (W x H x D)  | BC270: 80 x 160 x 56 mm<br>BC5311: 110 x 195 x 40 mm          |
| Approval                | CE  |
| Accessories             | None  |

## Details for ordering

| Type         | Part no         | Designation                              | Weight |
|--------------|-----------------|--|--------|
| BC5516-Cotag | S24246-F4702-A1 | Split-mounted hands-free loop reader Kit | 0.9 kg |

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Fire & Security Products GmbH & Co. oHG  
D-76181 Karlsruhe  
www.buildingtechnologies.siemens.com

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