



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

BC5516-Cotag	
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 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) 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 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