

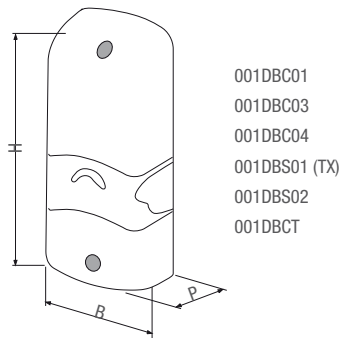
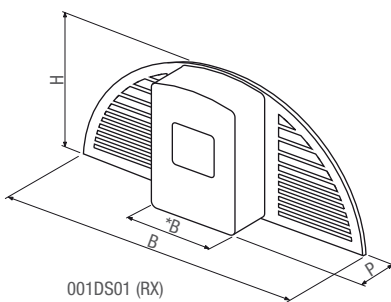
Cordless photocells



Infrared beam safety device

- The cordless photocells for easy perimeter coverage thanks to the bi-directional beam emitted by the repeaters and transmitters.
- Battery power for even easier handling.
- The 001DBS01 and 001DBS02 photocells with Df sensitive edges: photocells beam transmission onto the moving gate leaf edge ensures a total safety and protection.

Dimensions



Dimensions (mm/in)

| MODEL | MOUNTING | B | H | P |
|------------|-----------------|---------------------|----------|---------|
| DBC01 | SURFACE-MOUNTED | 52/2.04 | 140/5.51 | 25/0.98 |
| DBC03 | SURFACE-MOUNTED | 52/2.04 | 140/5.51 | 25/0.98 |
| DBC04 | SURFACE-MOUNTED | 52/2.04 | 140/5.51 | 25/0.98 |
| DBS01 (TX) | SURFACE-MOUNTED | 52/2.04 | 140/5.51 | 25/0.98 |
| DBS01 (RX) | SURFACE-MOUNTED | 150/5.90 - *46/1.81 | 71/2.79 | 25/0.98 |
| DBS02 | SURFACE-MOUNTED | 52/2.04 | 140/5.51 | 25/0.98 |
| DBCT | SURFACE-MOUNTED | 52/2.04 | 140/5.51 | 25/0.98 |

● 12 - 24 V AC - DC

Limits to use

| MODEL | DBC01 - DBC03 - DBC04 - DBS01 DBS02 - DBCT |
|------------------|--|
| Max range (m/ft) | 10 /32.8 |

● 12 - 24 V AC - DC

Technical features

| Type | DBC01 - DBC03 - DBC04 | DBS01 - DBS02 - DBCT |
|-------------------------------|---|--|
| Protection rating IP | IP54 | IP54 |
| Power supply (V) | 12 - 24 AC - DC (only RX of 001DBC01) | 12 - 24 AC - DC (only RX of 001DBS01 and 001DBS02) |
| Batteries (V) | 4 x 1,5 AAA MIN 1000 mAh | 4 x 1,5 AAA MIN 1000 mAh |
| 24 V relais output (mA) | 500 | 1 |
| Current draw | DBC01 (TX 70 µA - RX 50 mA) - DBC03 (150 µA) - DBC04 (150 µA) | RX of 001DBS01 and 001DBS02 48 mA - TX 70 mA (24 V AC) |
| Operating temperature (°C/°F) | -20 ÷ +55/-4 ÷ +131°C/°F | -20 ÷ +55/-4 ÷ +131°C/°F |
| Material | ABS - POLYCARBONATE | ABS - POLYCARBONATE |

● 12 - 24 V AC - DC

The complete range



| Code | Description |
|---|---|
| Db series cordless photocells | |
| 001DBC01 | Pair of surface-mounted "cordless" photocells with synchronised mono-directional infrared beam. Range: 10 m / 32.8 ft (1 receiver + 1 transmitter with batteries). |
| 001DBC03 | Surface-mounted repeater module with bi-directional infrared beam. Range: 10 m / 32.8 ft (1 lateral receiver + 1 front transmitter with batteries). |
| 001DBC04 | Surface-mounted repeater module with bi-directional infrared beam. Range: 10 m / 32.8 ft (1 front receiver + 1 lateral transmitter with batteries). |
| Mobile connection systems for Df safety sensitive edges for automation systems of the series: Bx-243 - Bx - Bk | |
| 001DBS01 | Pair of cordless bi-directional infrared photocells with single contact output. Range: max 10 m / 32.8 ft. Built-in receiver and external transmitter with batteries. |
| 001DBS02 | Pair of cordless bi-directional infrared photocells with double contact output. Range: max 10 m / 32.8 ft. Built-in receiver and external transmitter with batteries. |
| Accessories for: 001DBS02 | |
| 001DBCT | Surface-mounted battery-charged transmitter module. Range: max 10 m / 32.8 ft. |
| Accessories for: 001DBC01 - 001DBC03 - 001DBC04 | |
| 001DB-L | Natural anodised aluminium post. H = 500 mm / 1.64 ft. |
| 001DB-LN | Black anodised aluminium post. H = 500 mm / 1.64 ft. |

