



The cordless safety device with infrared beam

- The cordless photocells make it possible to set up protection around the installation even if they were not originally part of the project.
- Battery operation for even simpler use.
- The Db photocells sends the infrared beam signal to the edge installed on to the moving leaf, and protect the movement guaranteeing a total safety of the installation.

Dimensions (mm)

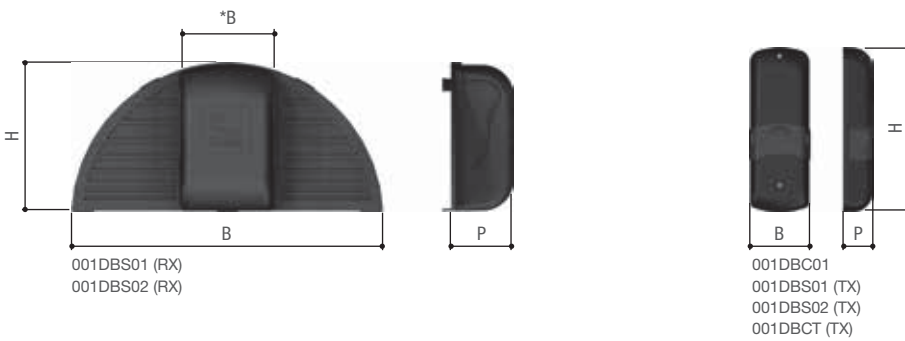


Table of dimensions (mm)

MODELS	MOUNTING	B (mm)	H (mm)	D (mm)
DBC01	EXTERNAL	52	140	25
DBS01 (TX)	EXTERNAL	52	140	25
DBS01 (RX)	EXTERNAL	150 - *46	71	25
DBS02 (TX)	EXTERNAL	150 - *46	71	25
DBS02 (RX)	EXTERNAL	150 - *46	71	25
DBCT	EXTERNAL	52	140	25








Limits to use

MODELS	DBC01 • DBS01 • DBS02 • DBCT
Max range (m)	10

Technical features

MODELS	DBC01	DBS01 • DBS02 • DBCT
Protection rating (IP)	54	54
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 1,000 mAh	4 x 1.5 AAA min 1,000 mAh
Relays output @ 24 V (mA)	500	1
Current draw	DBC01 (TX 70 µA - RX 48 mA)	RX of 001DBS01 and 001DBS02 48 mA - TX 70 µA
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55
Material	ABS - POLYCARBONATE	ABS - POLYCARBONATE

● 12 - 24 V AC - DC

Code	Description
Cordless photocells of the Db series	
001 DBC01  	Pair of surface-mountable photocells with one-direction infrared beam, composed of: 1 receiver + 1 transmitter with batteries. Range: 10 m.
Systems for mobile connections for Df safety sensitive edges for operators of the Bx and Bk series	
001 DBS01  	Pair of surface-mountable cordless photocells with two-direction infrared beam, single contact output and on-board receiver. External transmitter with batteries. Range: 10 m.
001 DBS02  	Pair of surface-mountable cordless photocells with two-direction infrared beam, double contact output and on-board receiver. External transmitter with batteries. Range: 10 m.
Accessory for: 001DBS02	
001 DBCT 	Surface-mountable transmitter module with batteries. Range: 10 m.
Accessories for: 001DBC01	
001 DB-L	Natural anodised aluminium post. H = 500 mm.
001 DB-LN	Black anodised aluminium post. H = 500 mm.

