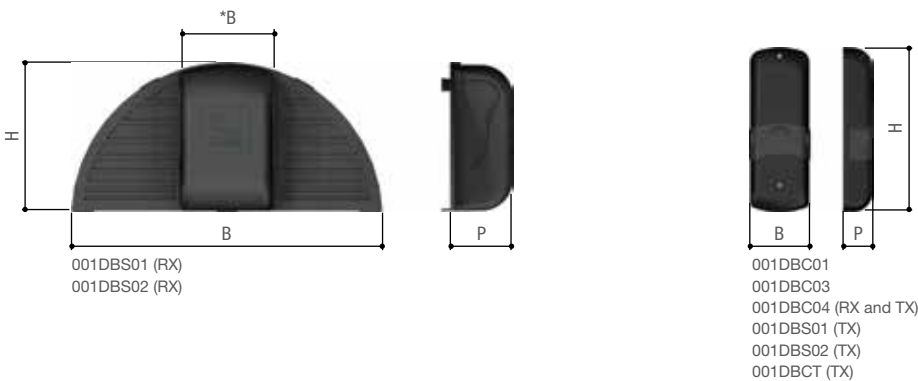




The cordless safety device with infrared beam

- The cordless photocells make it possible to set up a perimeter coverage thanks to the bi-directional beam of repeaters and transmitters.
- Battery operation for even simpler use.
- The DBS 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)



Dimensions table (mm)

MODELS	APPLICATION	B (mm)	H (mm)	P (mm)
DBC01	SURFACE	52	140	25
DBC03	SURFACE	52	140	25
DBC04	SURFACE	52	140	25
DBS01 (TX)	SURFACE	52	140	25
DBS01 (RX)	SURFACE	150 - *46	71	25
DBS02 (TX)	SURFACE	150 - *46	71	25
DBS02 (RX)	SURFACE	150 - *46	71	25
DBCT	SURFACE	52	140	25

Limits to use

MODELS	DBC01 • DBC03 • DBC04 • DBS01 • DBS02 • DBCT
Max range (m)	10

Technical features

MODELS	DBC01 • DBC03 • DBC04	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
24 V relay output (A)	500	1
Current draw	DBC01 (TX 70 µA - RX 48 mA) - DBC03 (70 µA) - DBC04 (70 µA)	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

THE COMPLETE RANGE



Code	Description	Price £ (Excl. VAT)
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Db series cordless photocells

001 DBC01 	Pair of surface mounting cordless photocells with monodirectional infrared beam, composed of: n.1 receiver + n.1 transmitter with batteries. Range: 10 m.	£92.00
001 DBC03 	Surface mounting repeater module, with bidirectional infrared beam, composed of: n.1 front receiver + n.1 lateral transmitter with batteries. Range: 10 m.	£67.00
001 DBC04 	Surface mounting repeater module, with bidirectional infrared beam, composed of: n.1 lateral receiver + n.1 front transmitter with batteries. Range: 10 m.	£61.00



Systems for moving connections for Df safety sensitive edges for operators of the series: Bx - Bk

001 DBS01 	Pair of surface mounting cordless photocells with bidirectional infrared beam, single contact output and on-board receiver. External transmitter with batteries. Range: 10 m	£110.00
001 DBS02 	Pair of surface mounting cordless photocells with bidirectional infrared beam, double contact output and on-board receiver. External transmitter with batteries. Range: 10 m	£118.00



Accessories for: 001 DBS02

001 DBCT 	Surface mounting transmitter module with batteries. Range: 10 m.	£38.00
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Accessories for: 001 DBC01 - 001 DBC03 - 001 DBC04

001 DB-L	Natural anodised aluminium post. H = 500 mm.	£30.00
001 DB-LN	Black anodised aluminium post. H = 500 mm.	£30.00

