

# F210, F210B

## Synchronised photocells adjustable



**Synchronised photocells horizontally adjustable through 210° and 30° vertically.**

**Simply perfect installations.**

### The 210° solution

The beam of the Nice F210 and F210B photocells has a horizontal scope of 210°, thereby increasing the safety level of the system and simplifying installation: the gate or garage door to be automated quite often slide flush with the wall making it very difficult to position the photocell.

### Numerous models and countless advantages

The new photocells are available with relay output (F210) or with the Nice BlueBUS technology (F210B).

With the BlueBUS technology, all devices can be easily connected to the control unit with just two wires.



PPH2

PPH1

FA1

Sensors with the BlueBUS technology can be connected to incompatible control units by means of an IB interface.

The system acquires automatically the devices connected to the BlueBUS network.

**Suitable for any architectural environment and easy to install.**

**Compact size:** Reduced dimensions: 46x128x45; electrical connections can also be made from the lower section of the box.

**Resilient and safe** Polycarbonate casing; FA1 vandal-proof metal shell (optional).

**Cutting-edge technology** The problem of interference between the sensors and the automatic synchronisation between several pairs of photocells is solved by the anti-blinding circuit.

High range adjustable on 2 levels; synchronising circuit; alignment with proportional Led for easy and safe installation.

## TECHNICAL SPECIFICATIONS

Code	Description	Pack/Pallet
<b>F210</b>	Pair of synchronised photocells adjustable through 210°, with relay output	1
<b>F210B</b>	Pair of synchronised photocells adjustable through 210°, with the Nice BlueBUS technology	1

  

	Estimated range (m)	Power supply	Absorption	Protection level (IP)	Working temp. (°C Min/Max)	Relay range	Dimensions (mm)	Weight (g)
<b>F210</b>	10 (30 with jumper cut)	without jumper 24 Vac/Vdc limits: 18-35 Vdc, 15-28 Vac with 12 Vac/Vdc jumper limits: 10-18 Vdc, 9-15 Vac	25 mA RX, 30 mA TX	44	-20 ÷ +55	max 500 mA and 48 V	46x45x128 h	230
<b>F210B</b>		the device can only be connected to "BlueBUS" networks	1 BlueBUS unit			-		

## ACCESSORIES

Code	Description	Pack/Pallet
<b>IB</b>	Interface for connecting BlueBUS F210B photocells up to control units which have not been manufactured for this purpose	1
<b>FA1</b>	Vandal-proof metal shell	2
<b>FA2</b>	Bracket for fixing to PPH2 and PPH1 columns	5
<b>PPH2</b>	Aluminium post for 2 photocells, 1000 mm high	2
<b>PPH1</b>	Aluminium post for 1 photocell, 500 mm high	2

## TECHNICAL SPECIFICATIONS

	Power supply	Absorption with power pack 24 Vdc	Absorption with power pack 24 Vdc	Output BlueBUS	Protection level (IP)	Operating temperature (°C Min/Max)	Dimensions (mm)	Weight (g)
<b>IB</b>	16 ÷ 35 Vdc 18 ÷ 28 Vac	50 mA (add approx. 50 mA for each photocell pair)	44 mA (add approx. 40 mA for each photocell pair)	with a load of max 9 BlueBUS units	30	-20 ÷ +55	86x58x22 h	72



IB



FA1