Nice F210

F210
FA1

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

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.
Sensors with the BlueBUS technology can be connected to incompatible control units by means of an IB interface.
The devices that are connected to the BlueBUS network are automatically acquired by the system.

Suitable for any architectural environment and easy to install
Reduced dimensions: 46x128x45 mm; 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

	Estimated range (m)	Power supply	Absorption	Protection rating (IP)	Working temp. (°C Min/Max)	Range relè	Dimensions (mm)	Weight (g)
F210	10 (30 with jumper cut)	without jumper 24 Vac/Vdc limits: 18-35 Vdc, 15-28 Vac with jumper 12 Vac/Vdc 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
F210B		the device can only be connected to "BlueBUS" networks	1 BlueBUS unit			-		

Accessories

Code	Description	Pc/Pack
IB	Interface for connecting BlueBUS F210B photocells up to control units which have not been manufactured for this purpose	1
FA1	Vandal-proof metal shell	2
FA2	Bracket for fixing to MOCF and MOCF2 columns	5
MOCF2	Aluminium post for 2 photocells, 1000 mm high	2
MOCF	Aluminium post for 1 photocell, 500 mm high	2

Technical specifications

	Power supply	Current draw with 24 Vdc power supply	Current draw with 24 Vdc power supply	BlueBUS output	Protection rating (IP)	Working temp. (°C Min/Max)	Dimensions (mm)	Weight (g)
IB	16÷35 Vdc 18÷28 Vac	50 mA (add approx. 50 mA for each pair of photocells)	44 mA (add approx. 44 mA for each pair of photocells)	one with maximum load of 9 BlueBUS units	30	-20 ÷ +55	86x58x22 h	72