



DXR

The new swivel photocells,
also battery-powered





The latest generation of DXR synchronous, infrared, adjustable photocells are specially designed when there is little or no fitting space.

The DXR slim model is even more versatile due to its extremely small size: just 29 millimeters thick and 30 millimeters wide!



DXR CHARACTERISTICS

- INFRARED BEAM ADJUSTABLE up to 180° from the vertical axis and up to 5° from the horizontal axis. In the DXR slim version, the beam can be horizontally oriented in two positions: 0° or 90°
- RANGE ADJUSTMENT of the beam up to 20 meters.
- SYNCHRONIZATION OF UP TO 8 PAIRS of photocells without disturbance, plus no wiring needed between the transmitter and the receiver.
- TEST FUNCTION when connected to control panels equipped with TS (service test output).
- FILTER FUNCTION to prevent false detections due to bad weather or direct sunlight.
- ADJUSTABLE CONTACT OUTPUT so the photocell can double as a control device.
- SIGNAL QUALITY FUNCTION thanks to the indicator light that simplifies photocell alignment operations.



VERSATILE AND EFFECTIVE

The new DXR photocells are housed on a rotating support that makes them particularly suitable for all those contexts where the installation space and the system structure prevent the perfect alignment of the standard photocells one in front of the other.

Extremely versatile, they allow to adjust the beam, simply and precisely, 180° on the horizontal axis and 5° on the vertical axis.

The DXR slim model, instead, has a rotating system that allows the beam to be oriented horizontally in two positions: at 0° or 90 degrees.

The photocell can be locked in the desired position thanks to a resistant plug-in clamp, easily removable with a screwdriver.

The efficiency of the range of action in any direction is guaranteed by the quality of the lens, specifically designed to optimize device performance and ensure perfect coupling in any direction.



SPECIAL BATTERY-POWERED VERSION

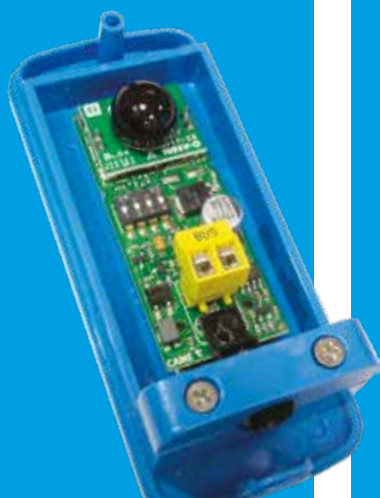
To minimize wired interventions and further simplify installation operations, the DXR range also features a version with battery-powered transmitter, with a duration of up to 24 months*, infrared range adjustable from 5 to 10 meters and the possibility of synchronizing up to 2 pairs of photocells. In addition to the functions already available on the wired model, the battery version allows the transmitter to be used as a photocell or as a resistive edge control (8k2)

**The battery (3 V - CR123A) life depends on the photocell range of action.*

Not available for DXR slim model.

CXN BUS VERSION

DXR photocells are also available in the 806TF-0110 version equipped with CXN BUS technology, which includes additional functions and simplifies installation operations thanks to the non-polarized two-wire system.

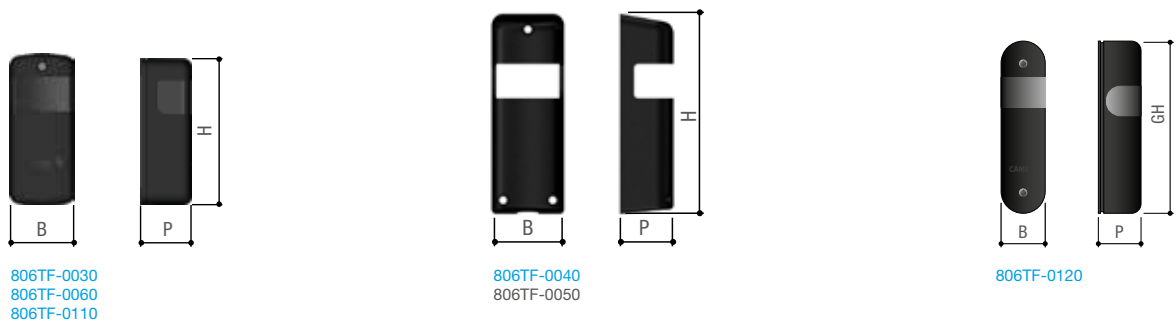


EVEN MORE RESISTANT

To increase resistance to impact and vandalism, the DXR series is also available in a version with an aluminum alloy cover. The 806TF-0050 accessory is applied directly over the standard photocell, even if already installed.



COMPLETE RANGE



Dimensions table (mm)

Models	Mounting	B (mm)	H (mm)	P (mm)
806TF-0030	Surface-mounted	46	108	37
806TF-0040	Surface-mounted	52	145	39
806TF-0060	Surface-mounted	46	108	37
806TF-0050	-	52	145	39
806TF-0110	Surface-mounted	46	108	37
806TF-0120	Surface-mounted	30	117	29

OPERATIONAL LIMITS



MODELS	806TF-0030	806TF-0040	806TF-0060	806TF-0110	806TF-0120
Max infrared range (m)	20	20	10	20	20

TECHNICAL FEATURES

	806TF-0030	806TF-0040	806TF-0060	806TF-0110	806TF-0120
Protection rating (IP)	54	54	54	54	54
Power supply (V - 50/60Hz)	12 - 24 AC - DC	12 - 24 AC - DC	RX (12 - 24 AC - DC) TX (3 V - 1 x CR123A)	CXN BUS	12 - 24 AC - DC
Current draw (mA)	40	40	RX (40) - TX (110 µA)	25	40
Maximum rating of output contacts at 24 V (A)	0.5	0.5	0.5	-	0.5
Operating temperature (°C)	-20 to +55	-20 to +55	-20 to +55	-20 to +55	-20 to +55
Item	ABS	ABS - ALUMINUM	ABS	ABS	ABS

● 12 - 24 V AC - DC

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