

**ACCESS  
CONTROL**

**SECURITY  
SYSTEMS**

**TRANSMITTERS**

**SHOW-WINDOWS  
PROTECTION**

**COMPONENTS FOR  
GATES AUTOMATION**



# CONTROL-BOARDS

## CB 8390



### Technical features:

Tri-phase control-box 380 V ac for one motor max 1 HP, industrial applications  
Provided with radio-receiver 433,92 Mhz for radio-transmitters of TAC serie  
Auto-test output  
Integrated flashing function  
Integrated partial opening function  
Membrane keypad with 4 push buttons complete with reset push button  
Shock-proof IP 55 plastic case  
Dimensions: 400 x 320 x 130 mm

**CB 8390 INV:** with INVERTER provided and multi-function display  
Maximum Power: 1,5 HP

## CB 8391



## CB 8224



### Technical features:

Control unit for 2 engines at 24 V dc  
230 V power supply ac  
Functions: slowdown, end of stroke, auto-test.  
2 photocells inputs.  
2 edges inputs, balanced or free contact.  
Integrated radio receiver.  
Two-digits display.  
Integrated battery charger.  
Power circuit for electric lock.  
Dimensions: 250 x 200 x 100 mm

# RADIOBAND

## CRT86



**TX CR 8354**



**RX CR 8355**

### Technical features:

CRT86 system is used to control securities (mechanic sensible ribs, etc.) and allows the connection, without using cables between the security device installed, for example, on the moving side of the gate and the control board of the motor used to control the securities. The system is certified in compliance with the new rules and thanks to wireless technology "live" allows to control up to two security elements connected to the transmitter. The system is composed by a transmitter unit TXCR8354 and by a receiver unit RXCR8355.

IP66 rating  
Batteries life: 2 years  
Devices that can be connected: 2  
Transmission frequency CRT86 868,00 MHz  
Dimensions: 26x140x43 mm

# MICROWAVE DETECTORS

## APRO 10



### Technical features:

Microwave detector for automatic doors  
Configured in unidirectional or bidirectional mode  
LED on the front to indicate movement occurred in the controlled area  
Power supply: 12 to 24 V ac, 12 to 30 V dc  
Range: 1-6 meters, adjustable

## APRO 20



### Technical features:

Microwave detector for industrial doors  
Configured in unidirectional or bidirectional mode  
Installation height: 6 m max  
Vertical orientation: 0 - 60°  
Horizontal orientation: ± 45°  
Power supply: 12 to 24 V ac, 12 to 30 V dc  
Range: 1-10 meters, adjustable

# ANTI-VANDALISM KEYPADS

Each single keypad is made from a block of anticorrosive aluminium that practically makes it chemical-proof and gives it a mechanical strength without comparisons.



## DIGIPASS



### Technical features:

Anti-vandalism stand-alone keypad  
Strong case made in anodised aluminium  
2 channels, 120 codes  
Code length: from 1 to 8 digits  
Single code erasing  
Two-colours LED free for the user  
Plugs for fixing screws  
Easy to install  
IP 67 protection  
12 ÷ 24 V ac/dc  
Size: 142 x 42 x 23 mm

## DIGITEN



### Technical features:

Anti-vandalism keypad  
Strong case made in anodised aluminium  
1 LED free for the user  
Plugs for fixing screws  
Easy to install  
Electronic control-boxes with 1 or 2 relays: C408, C409 and C416  
Electronic circuit fully potted IP 67  
12 ÷ 24 V ac/dc  
Size: 126 x 42 x 20 mm



- C416 four channels control-box with display and software

## DIGICAP



### Technical features:

Anti-vandalism keypad  
Strong aluminium anodised case  
Light group provided  
1 or 2 channels remote controllers, C408 and C409  
Size: 120 x 80 x 16 mm

## DIGIKEE



### Technical features:

Anti-vandalism stand-alone keypad  
One relay, 30 codes  
Single code erasing  
Plugs for the screws  
Easy to install  
IP67 protection  
Power supply: 12 V ac/dc  
Size: 120 x 42 x 20 mm

# PROXIMITY

## PROXY 06



### Technical features:

Proximity reader that works together with proximity tags and cards at 125 KHz  
Stand-alone unit with 1 relay  
Power-supply: from 12 to 24 V ac/dc  
Protection rating: IP 67  
Memory up to 60 tags and cards  
Addressed erasing and other functions programmable by POLITOOL device  
Anti-vandalism ergonomic case made in polycarbonate  
Protection for the fixing screws  
Easy to install  
Dimensions : 116 x 42 x 20 mm

## MINIPROXY



### Technical features:

Proximity reader that works together with control-boxes : C408 and C409  
Frequency: 125 KHz  
Reading range: 5 cm  
Transmission distance between reader and control-box: up to 200 metres  
1 LED multifunction  
Electronic under resin, rating IP 67  
Plugs for fixing screws  
Power-supply: 12 - 24 V ac/dc  
Dimensions : mm 92 x 23 x 15  
Available also in WIEGAND protocol

## TAG 2



### Technical features:

Proximity tag with key ring  
32 bit code  
Ø 36 mm  
Available on request custom colors



## PROXYLIFT



### Technical features:

Miniaturized proximity reader  
Applications: lift and elevators  
internal diameter 23 mm  
Valid alternative to standard mechanical key switches  
It works with TAGS and proximity cards at 125 KHz  
Power-supply: 12/24 V dc



**PROXYLIFT ST:** version with one relay integrated, 60 codes

**PROXYLIFT REM:** version for remote control-boxes C408 and C409. 2000 codes max



# ANTI-VANDALISM PHOTOCELLS



Active modulated infrared photocells, suitable for all types of automatic closing devices, civil and industrial. The interruption of the infrared beam between the transmitter and the receiver activates a relay contact. They are available in different materials, colors, size and power-supply to satisfy every possible use.

## FTC 911MN



### Technical features:

Small size infrared photocells with metal casing in zama anti-vandalism.  
Range: 10 mt.  
90° orientable optic.  
Power supply: 12 - 24 V ac/dc.  
IP55 rating.  
High Immunity against brushless motors and inverters.  
Weight: 0.295 Kg per pair  
dim. 25x22x130 mm

**FTC911:** version with robust plastic cover

## FTC 920MN-FTC 960MN



### Technical features:

Photocell for industrial use with floor and covering of die-cast aluminium.  
180x orientable optics on the horizontal axis.  
Presse-cable on the lower part or passe-rubber cable with pre-hole on the rear side.  
Power supply: 12 V ac 24 V ac/dc  
Current drain: 108mA at 24 V ac  
LED of alignment signalling on the RX  
Antimisting resistances in TX and Rx (only with 24V power supply).  
Emission to the infrared with continue modulation: 1,33 KHz.  
Length of emission wave: 950 nM.  
Maxim commutable power 1A 24V ac.  
Weight: 0.940 Kg per pair  
Dim. 130x60x52 mm  
IP 55 rating  
In compliance with the rules EN12453, EN954, RoHS

### Available in the versions:

FTC920M 12/24V ac/dc range 20 mt  
FTC960M 12/24V ac/dc range 40 mt

## FTC 981 MNO



### Technical features:

Anti-vandalism photocells for industrial use with cast aluminum casing.  
Adjustable optical 180° horizontally and 30° vertically.  
Power supply: 12 ÷ 24 V ac / dc  
Range: 20 meters.  
Double rubber seal.  
Protection degree: IP55  
High Immunity against brushless motors and inverters.  
Weight: 0.460 Kg per pair  
Comply with EN12453, EN 954, RoHS  
Dimensions: 100x45x45 mm

## FTC 981 BMN



### Technical features:

Anti-vandalism battery photocells for industrial use with cast aluminum casing.  
Adjustable optical 180° horizontally and 30° vertically.  
Rx power-supply: 12/24 V ac/dc  
Tx power-supply: 6 V battery Battery.  
Average life: 12 to 18 months.  
Transmission range: 8 or 15 meters.  
High Immunity against brushless motors and inverters.  
Weight: 0.460 Kg per pair  
Dimensions: 100x45x45 mm

# PHOTOCELLS WITH HIGHLY RESISTANT PLASTIC COVER

## FTC 920-FTC 960



### Technical features:

Infrared photocells, selfcentering.  
Shock-proof plastic case.  
Thermoplastic rubber for wall fixing.  
Infrared emission continuous modulation.  
Power supply 12 V ac - 24 V dc  
IP55 rating  
Dim. 80x45x20 mm  
Available in the versions:

**FTC 920:** range 20 mt  
**FTC 960:** range 40 mt

## FTC 981



### Technical features:

Photocell with horizontally 180° rotary optic and 30° vertically  
Range: 20 mt  
Double gasket of preprinted rubber  
Double pre-hole for cables input  
IP55 rating  
Dim. 100x45x38 mm

Available also in the version with battery **FTC 981B** with batteries  
**FTC 981BC:** version with batteries with small terminal board on tx fot connection to a safety edge

# NO TOUCH 1 Safety Protection

Photocells replacing mechanical edges that comply with EN 12453 - EN 12445



**NO TOUCH 1** is the first photocell designed to replace the edges from the bottom of sectional doors and rolling doors and avoid the impact of the door with persons and items



**Wired version**

**SA04PLUS:** device, autotest electronic control unit for No Touch 1 system check

## Technical features:

Safety device to prevent contact for industrial sectional doors and rolling-shutters  
Patented tilting mechanism with built-in photocell that applied in the lower part prevents the contact with any obstacle  
Infrared system conforms to EN 12978



## NO TOUCH 868

Available also in the wireless version, 868,3 Mhz frequency  
Complete with Master No Touch control-box



# LED FLASHING LIGHTS AND SIGNALLERS

## XLL24L STILO



### Technical features:

High brightness LED flashing light 24 V ac.  
Low consumption  
IP 55 rating  
dim. 25x22x130 mm

### Available versions:

XLL24 STILO, with 3 different programmable flashings  
XLL24 LF, fixed light

## XLB



### Technical features:

Miniaturized high brightness LED flashing light 24 V ac power-supply  
Yellow signalling LED, orange or transparent cover  
Low consumption  
IP 54 rating  
Dimensions: 100x25x17,5 mm

## XLD 22024L



### Technical features:

Electronic flashing lights, provided with 14 LED 5 mm, yellow light, high-brightness  
360 ° visibility  
Power supply: 220 V ac and 24 V ac / dc  
Selectable fixed or flashing light on the circuit  
Equipped with a bracket for wall mounting in vertical position  
Polycarbonate shock-proof cover  
Cover color: yellow standard, on request orange or transparent  
Dimensions 110x80x80mm

## MINILIGHT



### Technical features:

Green-red signal light at high intensity LED  
IP55 protection  
Dimensions: 25x22x130 mm  
Suitable for signalling access gates, alarm input and other applications

# RADIO TRANSMITTERS SYSTEMS



## TRANSMITTERS FROM 2 TO 24 CHANNELS

Armas/Ferport, after a twenty-year experience in the radio transmitters production is strongly able to offer a very complete range of transmitters and receivers to meet any requirement.  
Transmitters can be fitted to the specific demands and customized with silk-screen print to several colours.



## TAC 99KA



99 channels tx  
long distance: 400m

### Technical features:

Infra-code, codify via dip-switch or programmer, transmitters from 2 to 24 channels.  
Range: 200 mt  
433,92 Mhz outdoor receivers superheterodyne for transmitters serie TAC KR  
Monostable, bistable or timed operation working  
Stainless steel antenna  
IP 55  
dim. 90x85x38 mm  
Tuned antenna stainless steel, available in case of poor signal transmission with bracket and RG 58 cable (4 mt)