



control panel platform  
three-phase control panel

Applicable to doors  
roller · folding · sliding · sectional  
guillotine · fast

# INTEGRA

three-phase control panel



## In line with European standards

A new generation of control panels designed and prepared to meet the requirements of standard EN 13241-1: 2003 for industrial, commercial, garage doors and gates, with special emphasis on Safety in Use of Power Operated Doors as per European Standard EN 12453.

## Design

Pleasantly-shaped, waterproof and practical boxes. With space for wiring and motor capacitor.

## Versatile panels

An extensive, powerful range of panels for applications in shops, residential garages, large and small communities and industry, etc.

## Optimum reliability

The careful selection of components and thorough tests carried out under real conditions of use ensure optimum installation reliability.

## Time-saving and greater precision

Digital programming provides faster and more precise adaptation and programming of the panel to suit any type of door. No more than five minutes are required for the entire programming.

jcmtechnologies  
be a step ahead with technology and imagination

Three-phase operating panel for roller,  
sliding, sectional, guillotine and fast doors.



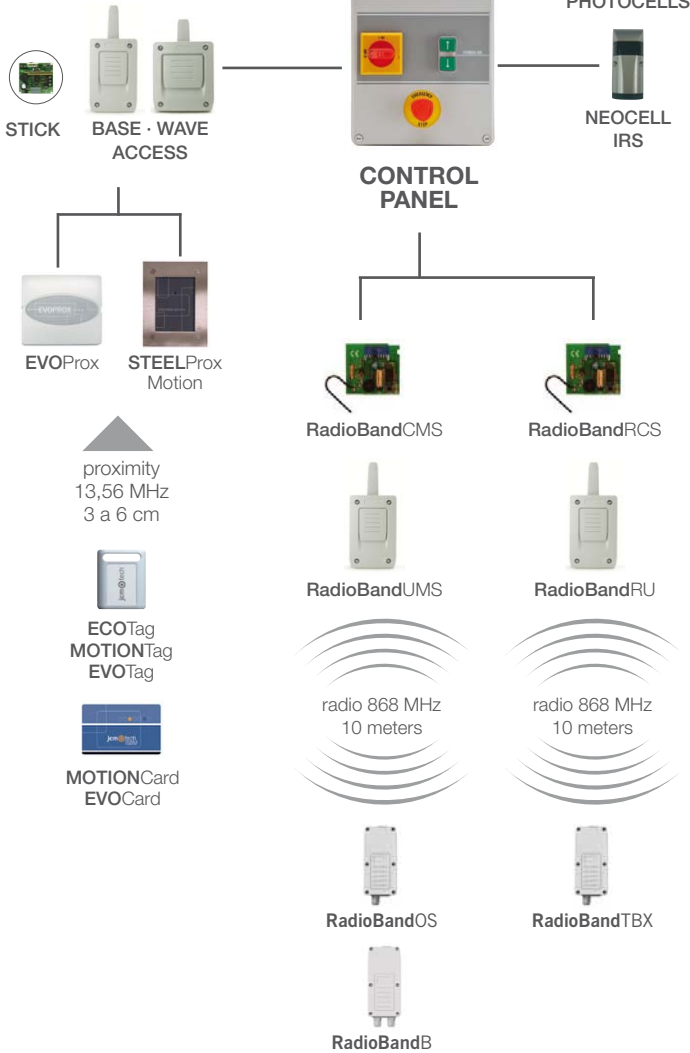
INTEGRA · INTEGRAMAG · NTEGRAECO

TRANSMITTERS 868 MHz



radio 868 MHz  
100 meters

RECEIVERS 868 MHz



CONTROL PANELS



- Operating panel for the control of three-phase motors for industrial doors.
- Contactor motor drive.
- Operations by time or by pulses (HALL sensor).
- Independent time adjustment for opening/closure.
- Automatic standby time adjustment.
- Can operate in automatic and semi-automatic (with no automatic closure) mode or in dead-man mode (using buttons or by radio).
- Option switch to select automatic closure, dead-man open or close or no reverse on opening and closure by safety contact, among others.
- Anti-intrusion function. Detects the unauthorised passing or door opening and triggers the alarm outlet.
- Absolute or incremental HALL inlet, selectable NPN or PNP and 12 or 5Vdc.
- With operation counter and limit number of operations. On reaching the limit number of operations, the panel switches to dead-man operations and the POWER light flashes (activated by programmer).
- Connector for function and diagnosis programmer (PROGMAN).
- Status display by SAFETY and ERROR LEDs.
- Active input switch. Safety inputs not used do not have to be bridged.

INTEGRA

- Max. motor power 400Vac/3CV (2,2KW) o 230Vac/1,5CV (1,1KW) three-phase or single-phase.
- For three and single-phase motors.
- Three-phase supply with no neutral.
- Motor power adjustment by potentiometer.
- 433 or 868 MHz radio card connector.
- Connector for RADIOBAND/RCS receiver card.
- Traffic light card connector with traffic control or signal card.
- Magnetic detector connector for use as an open button or safety contact.
- Digital operating time programming.
- Start, open/close and stop button input.
- Exterior open/close button fitted.
- Exterior emergency stop button.
- Box with motor protection circuit breaker.
- Power ON light indicator.
- Control inlet status LED.
- NPN or PNP-type 5 or 12Vdc inlet for encoder or Hall sensor connection (+, HA, HB,-) required for pulse operations.
- Limit switch connection, independent open/close.
- Single inlet for safety edge, working on opening and closure.
- Security contact connection, independent open/close.
- Output 230Vac (0.05A, 11W) powered at 400V or (3A, 600W) powered at 230Vac.
- 24Vac output (max. 500mA).
- Auto-test output for security element.
- Clean output for auxiliar contact.
- Configurable for garage light, electric brake, electric lock or anti-intrusion alarm.
- Removable connectors.
- IP56.
- Box dimensions: 305 x 225 x 126 mm.



INTEGRAECO

- The same as the Integra model but with no motor protection.
- No exterior emergency stop button.
- Exterior ON/OFF isolator switch.
- Exterior open/close button.
- IP54.
- Box dimensions: 225 x 195 x 85 mm.



INTEGRAMAG

- The same as the Integra model but with thermal-magnetic circuit breaker-isolator fitted that is not accessible from the exterior.
- No exterior emergency stop button.
- No exterior ON/OFF isolator switch.
- No exterior open/close button.
- IP54.
- Box dimensions: 225 x 195 x 85 mm.

ACCESSORIES

STICK30 · STICK500 · RACK1 · RACK2 · RADIOBANDRCS · RADIOBANDCSM · MTC1 · TlCard-R · GTC-R · PROGMAN