

# ARGO

OPERATOR FOR SECTIONAL DOORS UP TO 20 m<sup>2</sup>

4



### • POWERFUL AND COMPACT

55Nm maximum torque with extremely compact dimensions: The most powerful **24V** sectional door operator on the market.

Only 65mm from the base to the output axis: can be installed in any situation.

### • ACCURATE AND RELIABLE

Limit switch and intermediate positioning controlled by **ABSOLUTE ENCODER** technology.

24V technology and solid design: tested to guarantee maximum durability and reliability in any use conditions whether domestic, commercial or industrial.

### • SAFE AND IN-LINE WITH CURRENT REGULATIONS

Control panel with microprocessor technology: thanks to simply automatic function settings, it guarantees **EUROPEAN STANDARD system CERTIFICATION**.

Electronic torque, speed and slow-down control system.

### • FAST AND UNIVERSAL

Maximum 30 rpm on 20 m<sup>2</sup> doors: the fastest operator on the market!

Extremely silent, easy to install, with an external steel cable-operated release system and attractive design. It is the ideal operator for a wide range of applications.



ON BOARD CONTROL PANEL



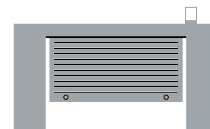
ABSOLUTE ENCODER



ZERO ENCODER ADJUSTEMENT



BUILT-IN PROGRAMMING DISPLAY AND RADIO RECEIVER



**TECHNICAL SPECIFICATIONS**

<b>POWER SUPPLY</b>	230Vac 50Hz
<b>MOTOR POWER SUPPLY</b>	24Vdc
<b>MAXIMUM TORQUE</b>	55Nm
<b>OPERATING CYCLE</b>	Heavy-duty
<b>MAX. DOOR DIMENSIONS</b>	20 m <sup>2</sup>
<b>MAXIMUM OUTPUT SHAFT SPEED</b>	30 rpm
<b>MAXIMUM OUTPUT SHAFT REVOLUTIONS</b>	19
<b>LIMIT SWITCH</b>	Electronic with absolute encoder
<b>PARTIAL OPENING</b>	Adjustable position
<b>ANTI-CRUSH</b>	Electronic ampere-stop
<b>OPERATING TEMPERATURE RANGE</b>	-20°+55°C
<b>RADIO-RECEIVER</b>	Built-in

**ADJUSTABLE FUNCTIONS**

- Automatic closing (0-40 sec)
- Opening torque (0-99%)
- Closing torque (0-99%)
- Partial opening (1-99%)
- Zone localisation (0-127)
- Adjustable door closing output (on SCS IO board)
- Adjustable door opening output (on SCS IO board)
- 3 or 4 step logic
- Pre-alarm
- Jog lock in opening
- Photocells only on in closing
- Gate open light
- 2<sup>nd</sup> radio channel (on SCS IO board)
- Photocell test (on SCS IO board)

**AUTOMATIC ADJUSTMENTS (AUTOSET)**

- Acceleration
- Opening slow-down distance
- Closing slow-down distance
- Opening speed
- Closing speed
- Opening torque
- Closing torque
- Safety operation testing

**START COMMAND LOGIC**

**4 STEP LOGIC**

1 <sup>st</sup> Impulse	OPENING
2 <sup>nd</sup> Impulse	STOP
3 <sup>rd</sup> Impulse	CLOSING
4 <sup>th</sup> Impulse	STOP

**3 STEP LOGIC**

1 <sup>st</sup> Impulse	OPENING
2 <sup>nd</sup> Impulse	STOP
3 <sup>rd</sup> Impulse	CLOSING



## COMPONENTS AND ACCESSORIES

### RELEASE SYSTEMS



#### N733421 - RCA

Manual release with steel cable 3,5 m



#### N733422 - RCA-L

Manual release with steel cable de 7 m

### MICROWAVE RADAR



#### P111407 - FALCON

- Universal motion detector which can be installed up to 7 meters.
- Vehicle/pedestrian distinction, rejecting parallel traffic.
- REMOTE CONTROL programming.
- Antenna with planar technology used for the first time in an automatic industrial door, able to provide high precision and stability in the detection field.
- IP65



#### P111405 - TELECOMANDO

- Instrument employed to program the FALCON sensor by adjusting:
- Sensitivity
  - Programming mode
  - Immunity
  - Relay output configuration

### RADIO CONTROL SYSTEMS



#### P121019 - T-BOX

Digital electronic keypad permits 100 user code management and the control of up to 10 operators. This is provided through a backlit touch pad and 150 meter working capacity in open field.



#### P121016 - RB

Wall remote control guarantees maximum performance (up to 150mt in open field) in an attractive design and extremely compact dimensions. Quick and easy to program, it can be either wall-mounted or used as a desk control.

### HARDWIRING CONTROL SYSTEMS



#### D121611 - SPC

Start - Stop



#### D121613 - SPCE

Emergency



#### D121612 - SPC2

Open - Close



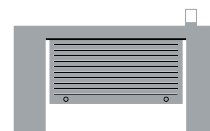
#### P121017 - SEK

Vandalism proof key selector in a metallic body

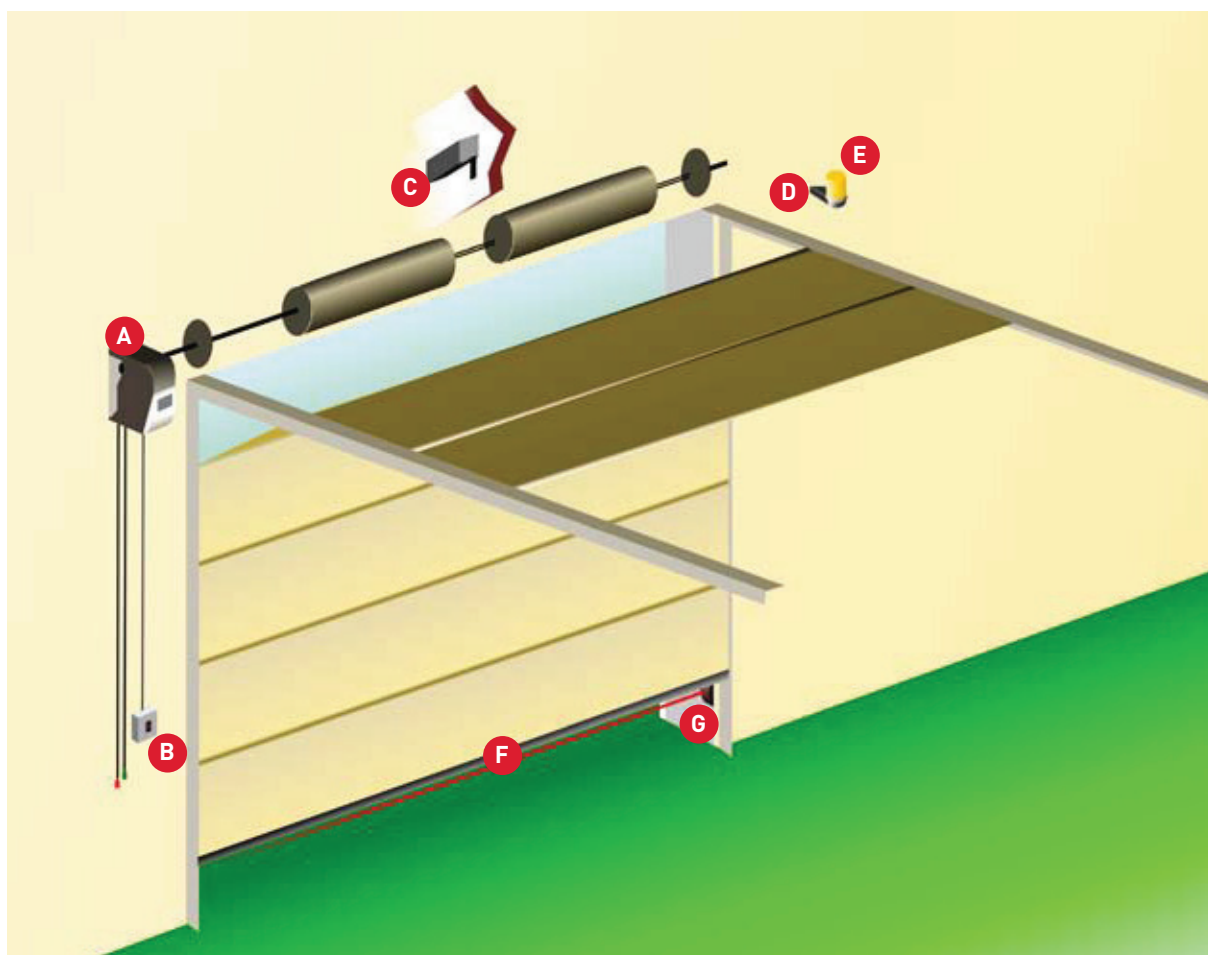


#### D121619 - SPC3

Open - Stop - Close



## EXAMPLE OF A SYSTEM



## LEGEND

<b>A</b>	<b>ARGO</b>	24V operator for sectional doors up to 20 m <sup>2</sup>
<b>B</b>	<b>SPC3</b>	3 function pushbutton panel Open-Stop-Close
<b>C</b>	<b>FALCON</b>	Microwave radar with traffic direction reading and parallel traffic management
<b>D</b>	<b>RWS</b>	Wall support for RAY series flashing lights
<b>E</b>	<b>RAY X</b>	Flashing light with or without built-in antenna, available with 230V or 24V power supply
<b>F</b>	<b>BAR C BA</b>	Rubber safety edge with double lip to guarantee total insulation when the door is closed. Associated with VENTIMIGLIA NS, it guarantees the utmost door safety meeting European regulations (EN12978).
<b>G</b>	<b>CELLULA 130</b>	Infrared photocell