

## 230V SWING GATE KIT FOR A SINGLE GATE

Up to 400kg @ 4m or up to 800kg



| Code                                                                                                                                                                                                                                                                            | Description                                                                                                                                      | Quantity |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| 001 <b>FE40230</b><br>                                                                                    | Irreversible gearmotor with folding drive arm for swing gates measuring up to 4 m per leaf.                                                      | 1        |
| 002 <b>ZM3EZ</b><br>   | Multifunction control panel for swing gates with two leaves, graphic alerts display, self-diagnosing safety devices and on-board radio decoding. | 1        |
| 001 <b>AF43S</b>                                                                                                                                                                                                                                                                | Plug-in radio-frequency control card                                                                                                             | 1        |
| <b>806TS-0122</b>                                                                                                                                                                                                                                                               | TOPD4RKS - Double frequency 4-button rolling code transmitter, black colour.<br>4,294,967,896 combinations.                                      | 2        |
| 001 <b>TOP-A433N</b>                                                                                                                                                                                                                                                            | Tuned Antenna.                                                                                                                                   | 1        |
| 001 <b>DIR10</b><br>                                                                                                                                                                         | Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.                                                                                       | 1        |



# FE40230

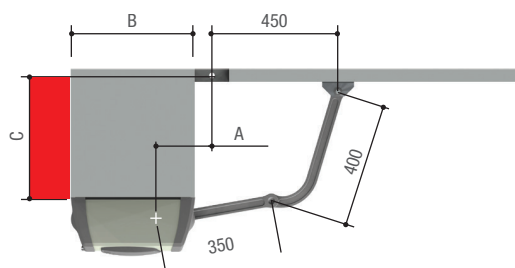
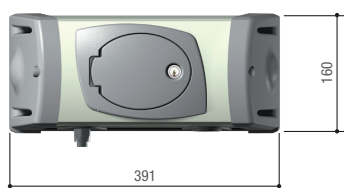
Gate leaves of up to 4 m



**Ideal for fitting onto large gate posts in single homes and apartment blocks.**

- Innovative design for a product engineered and built to meet market needs.
- Sleek, solid, modern, anodized aluminum casing.
- Both the 24 V DC and the 230 V AC models are EN tested and have encoder controlled electronics.
- The standard, folding drive arm can be replaced by the straight drive arm when lack of space is an issue.
- Easy to reach release hatch.
- Highly resistant to weathering.
- Made to be easily installed and connected it also features versatile limit-switches.
- A version with 18 seconds of maneuvering time is also available.

## Dimensions (mm)



## Application dimensions (mm)

| MODELS           | FE40230 |        |
|------------------|---------|--------|
| LEAF OPENING (°) | A       | C Max. |
| 90               | 110     | 300    |
| 90               | 150     | 380    |

## Operational limits

| MODEL                    |     |      | FE40230                                                          |      |     |     |
|--------------------------|-----|------|------------------------------------------------------------------|------|-----|-----|
| Max. width of leaf (m)   | 4*  | 3,5* | 3*                                                               | 2,5* | 2   |     |
| Max. weight of leaf (kg) | 400 | 450  | 500                                                              | 600  | 800 |     |
| MODEL                    |     |      | FE40230 · (with the 001FERNI-BDX and the 001FERNI-BSX drive arm) |      |     |     |
| Max. width of leaf (m)   |     |      |                                                                  | 2,5  | 2   | 1,5 |
| Max. weight of leaf (kg) |     |      |                                                                  | 300  | 500 | 500 |

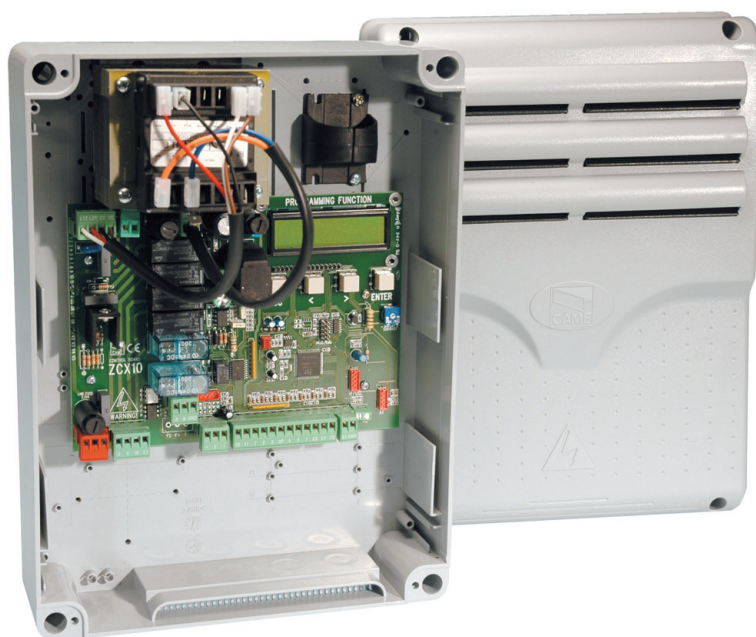
NOTES: \* It is obligatory to fit an electric lock on the gate leaf.

## Technical characteristics

| MODELS                       | FE40230         |
|------------------------------|-----------------|
| Protection rating (IP)       | 44              |
| Power supply (V - 50/60 Hz)  | 230 AC          |
| Power supply to motor (V)    | 230 AC 50/60 Hz |
| Absorption (A)               | 1,2             |
| Power (W)                    | 140             |
| Maneuvering time at 90° (s)  | 34              |
| Duty/cycle (%)               | 30              |
| Torque (Nm)                  | 540             |
| Operating temperature (°C)   | -20 ÷ +55       |
| Motor's heat protection (°C) | 150             |

# ZM3EZ

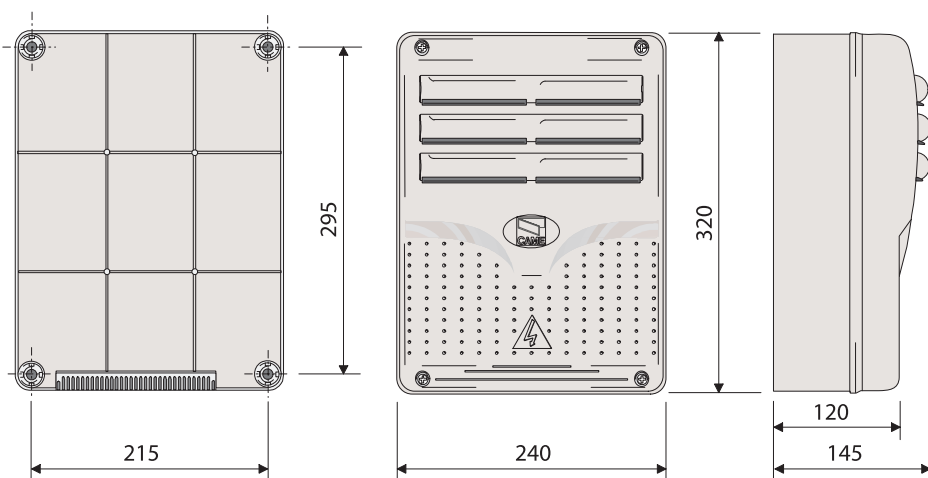
Control panel



## Control panel for 230V gearmotors

- Multi-feature control panel for swing gates, with manageable limit-switches and slow-down speed adjusting.

### Dimensions (mm)



### Technical characteristics

|                                              |           |
|----------------------------------------------|-----------|
| MODEL                                        | ZM3EZ     |
| Power supply (V - 50/60 Hz)                  | 230 AC    |
| Motor power supply (V)                       | 230 AC    |
| Standby consumption (W)                      | 4,7       |
| Standby consumption with the RGP1 (W) module | 0,75      |
| Power (W)                                    | 750       |
| Colour                                       | RAL 7040  |
| Operating temperature (°C)                   | -20 ÷ +55 |
| Protection rating (IP)                       | 54        |
| Insulation class                             | II        |

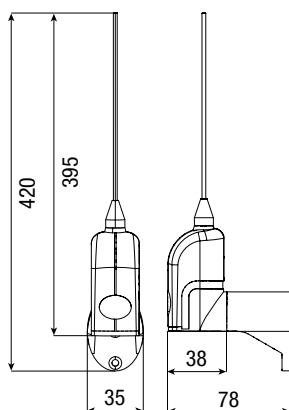
# ACCESSORIES

## TOPA433N

Tuned Antenna for 433.92Mhz



### Dimensions (mm)



### Operational limits

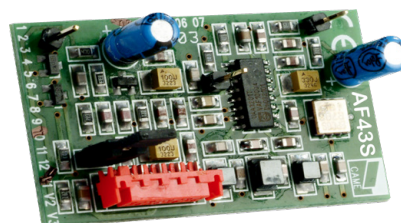
| MODELS                  | TA433N   |
|-------------------------|----------|
| Max. range of radio (m) | 50 ÷ 150 |

### Technical characteristics

| MODELS                       | TA433N    |
|------------------------------|-----------|
| Radio signal frequency (Mhz) | 433.92Mhz |

## AF43S

Radio frequency control card 433.92MHz



- Dip-switches for code and function selection
- Function enabling button
- Red signalling LED
- Green signalling LED
- Backup board
- Plug-in connector on receivers

### Technical characteristics

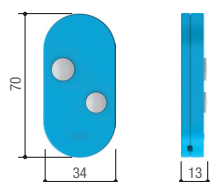
| MODELS                     | AF43S      |
|----------------------------|------------|
| Power supply (V±10%)       | 5          |
| Current draw (mA)          | 5.5        |
| Encoding type              | ASK        |
| Operating temperature (°C) | -20 to +55 |
| Sensitivity (dBm)          | -107       |

## TOPD4RKS

Rolling code 433.92 and 868.35 Mhz radio control



### Dimensions (mm)



- Manages several operators on different frequencies.
- One device to manage two frequencies, that is, 433.92 MHz and 868.35 MHz.
- More secure thanks to the dynamic code.
- Uses only one CR2032 battery.
- Flat battery alert
- No setting required when selecting the frequency
- Comes in two-channel and four-channel versions.
- Available in six different colours.
- Surface-mounted receiver modules 806RV-0010 and 806RV-0020 - CAME KEY compatible.

### Operational limits

| MODELS                  | 806TS-0122 |
|-------------------------|------------|
| Max. range of radio (m) | 50 ÷ 150   |

### Technical characteristics

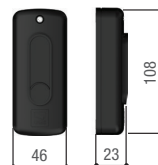
| MODELS                       | 806TS-0122      |
|------------------------------|-----------------|
| Combinations                 | 4.294.967.896   |
| Radio signal frequency (Mhz) | 433,92 - 868,35 |
| Operating temperature (°C)   | -20 ÷ +55       |
| Material                     | POLYCARBONATE   |

## DIR10

Photocells



### Dimensions (mm)



- Control the gate's area of movement
- Infrared beam, even synchronised, to prevent any external signal disturbances.
- For the DIR series photocells, there is a double-height post, and a new PVC version of the post, for installing in entry and exit points where heavy vehicles drive through.
- High degree of protection against weathering.

### Operational limits

| MODELS                  | DIR10 |
|-------------------------|-------|
| Max. range of radio (m) | 10    |

### Technical characteristics

| MODELS                                 | DIR10               |
|----------------------------------------|---------------------|
| Protection rating (IP)                 | 54                  |
| Power supply (V)                       | 12 - 24 AC - DC     |
| Absorption                             | 60                  |
| Max. rating of 24 V (A) relay contacts | 0,5                 |
| Operating temperature (°C)             | -20 ÷ +55           |
| Material                               | ABS - POLYCARBONATE |