

# FERNIE 8K01MB-0477




CAME 



## 24V SWING GATE KIT FOR A SINGLE GATE

Up to 400kg @ 4m or up to 800kg @ 2m



Code	Description	Quantity
001 <b>FE4024</b> 	Irreversible gearmotor with folding drive arm for swing gates measuring up to 4 m per leaf.	1
<b>ZLX24S</b> 	Multifunctional control panel, with 230 V AC power supply, for 24 V double-leaf gates, with programming and graphical signaling display, self-diagnosis of safety devices, Adaptive Speed & Torque Technology, CXN BUS, 4 safety inputs and storage for up to 1000 users.	1
001 <b>AF43S</b>	Plug-in radio-frequency control card	1
<b>806TS-0270</b>	TOP44RBN - Four-channel 433.92 MHz rolling code transmitter. 4,294,967,896 combinations.	2
001 <b>TOP-A433N</b>	Tuned Antenna.	1
001 <b>DIR10</b> 	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1



# FE4024

Gate leaves of up to 4 m

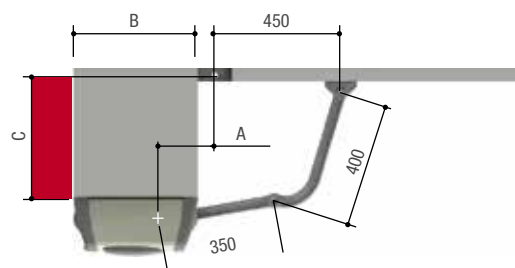


**Ideal for fitting onto large gate posts in single homes and apartment blocks.**



- 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	FE4024	
LEAF OPENING (°)	A	C Max.
90	110	300
90	150	380

## Operational limits

MODEL	FE4024					
Max. width of leaf (m)	4*	3,5*	3*	2,5*	2	
Max. weight of leaf (kg)	400	450	500	600	800	
MODEL	FE40230 · FE4024 (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	FE4024
Protection rating (IP)	44
Power supply (V - 50/60 Hz)	-
Power supply to motor (V)	24 DC
Absorption (A)	7 Max.
Power (W)	130
Maneuvering time at 90° (s)	ADJUSTABLE
Duty/cycle (%)	HEAVY-DUTY SERVICE
Torque (Nm)	360
Operating temperature (°C)	-20 ÷ +55
Motor's heat protection (°C)	-

# ZLX24S

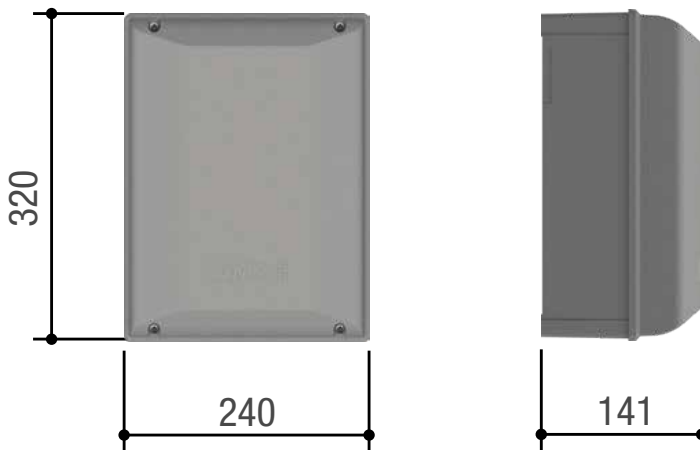
Control panel



## Control panel for 24V gearmotors

- Multifunction control panel for swing gates with two leaves. Graphic programming display and signalling and self-diagnostics using safety devices.

## Dimensions (mm)



## FUNCTIONS

MODEL	801QA-0060
Settable safety inputs	4
CNX BUS inputs	YES
Output B1 - B2	YES
RIO System 2.0	YES
CAME KEY and Gateway slot	YES
Adaptive Speed and Torque Technology	YES
Virtual Encoder management	YES
Users number	1000
Clock module	YES
PCB plastic cover	YES

## TECHNICAL FEATURES

MODEL	801QA-0060
Protection rating (IP)	54
Power supply (V - 50/60 Hz)	230 AC
Operating temperature (°C)	-20 ÷ +55
RAL color	7024
Cabinet material	ABS

- 24 V DC

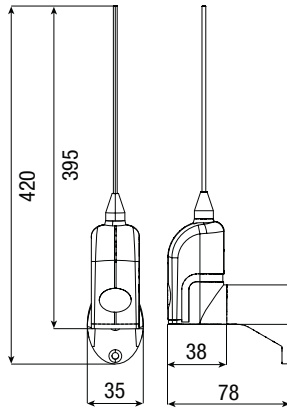
# ACCESSORIES

## 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

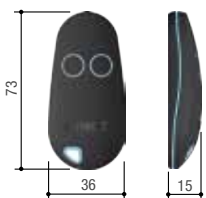
## TOP44RBN

Rolling code 433.92 radio control



- Self-learning from transmitter to transmitter.
- Self-learning from TOP, TAM and TWIN series radio controls.
- More secure thanks to the dynamic code for the rolling code version.
- It can be configured remotely via gateway or locally via GAME KEY.

### Dimensions (mm)



### Operational limits

MODELS	806TS-0270
Max. range of radio (m)	50 ÷ 150

### Technical characteristics

MODELS	806TS-0270
Combinations	4.294.967.896
Radio signal frequency (Mhz)	433,92
Operating temperature (°C)	-20 ÷ +55
Material	POLYCARBONATE

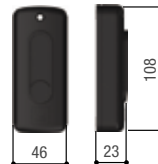
## DIR10

Photocells



- 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.

### Dimensions (mm)



### 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

# FERNIE 8K01MB-0478




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## 24V SWING GATE KIT FOR A SINGLE GATE

Up to 400kg @ 4m or up to 800kg @ 2m



Code	Description	Quantity
001 <b>FE4024</b> 	Irreversible gearmotor with folding drive arm for swing gates measuring up to 4 m per leaf.	1
<b>ZLX24S</b> 	Multifunctional control panel, with 230 V AC power supply, for 24 V double-leaf gates, with programming and graphical signaling display, self-diagnosis of safety devices, Adaptive Speed & Torque Technology, CXN BUS, 4 safety inputs and storage for up to 1000 users.	1
001 <b>AF43S</b>	Plug-in radio-frequency control card	1
<b>806TS-0270</b>	TOP44RBN - Four-channel 433.92 MHz rolling code transmitter. 4,294,967,896 combinations.	2
001 <b>TOP-A433N</b>	Tuned Antenna.	1
<b>806TF-0100</b> 	Pair of surface mounted synchronised infra-red beam BUS photocells.	1



# FE4024

Gate leaves of up to 4 m

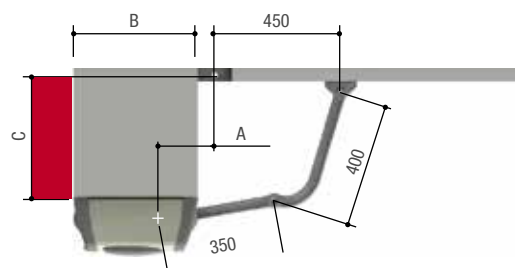


**Ideal for fitting onto large gate posts in single homes and apartment blocks.**



- 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	FE4024	
LEAF OPENING (°)	A	C Max.
90	110	300
90	150	380

## Operational limits

MODEL	FE4024					
Max. width of leaf (m)	4*	3,5*	3*	2,5*	2	
Max. weight of leaf (kg)	400	450	500	600	800	
MODEL	FE40230 · FE4024 (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	FE4024
Protection rating (IP)	44
Power supply (V - 50/60 Hz)	-
Power supply to motor (V)	24 DC
Absorption (A)	7 Max.
Power (W)	130
Maneuvering time at 90° (s)	ADJUSTABLE
Duty/cycle (%)	HEAVY-DUTY SERVICE
Torque (Nm)	360
Operating temperature (°C)	-20 ÷ +55
Motor's heat protection (°C)	-

# ZLX24S

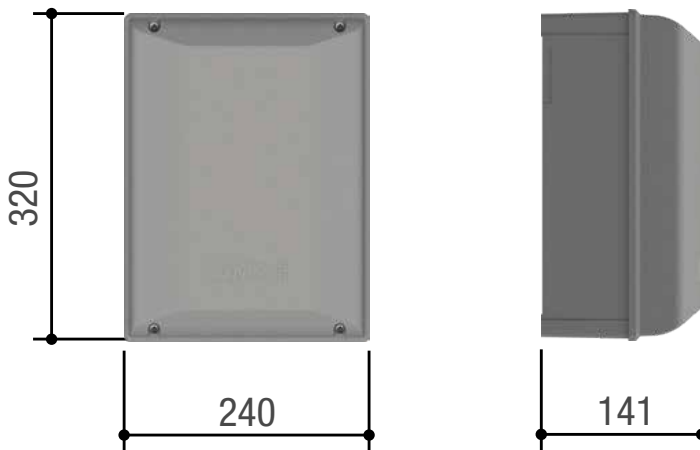
Control panel



## Control panel for 24V gearmotors

- Multifunction control panel for swing gates with two leaves. Graphic programming display and signalling and self-diagnostics using safety devices.

### Dimensions (mm)



### FUNCTIONS

MODEL	801QA-0060
Settable safety inputs	4
CNX BUS inputs	YES
Output B1 - B2	YES
RIO System 2.0	YES
CAME KEY and Gateway slot	YES
Adaptive Speed and Torque Technology	YES
Virtual Encoder management	YES
Users number	1000
Clock module	YES
PCB plastic cover	YES

### TECHNICAL FEATURES

MODEL	801QA-0060
Protection rating (IP)	54
Power supply (V - 50/60 Hz)	230 AC
Operating temperature (°C)	-20 ÷ +55
RAL color	7024
Cabinet material	ABS

- 24 V DC

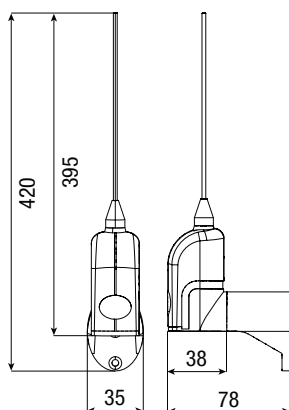
# ACCESSORIES

## 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

## TOP44RBN

Rolling code 433.92 radio control



- Self-learning from transmitter to transmitter.
- Self-learning from TOP, TAM and TWIN series radio controls.
- More secure thanks to the dynamic code for the rolling code version.
- It can be configured remotely via gateway or locally via GAME KEY.

### Dimensions (mm)



### Operational limits

MODELS	806TS-0270
Max. range of radio (m)	50 ÷ 150

### Technical characteristics

MODELS	806TS-0270
Combinations	4.294.967.896
Radio signal frequency (Mhz)	433,92
Operating temperature (°C)	-20 ÷ +55
Material	POLYCARBONATE

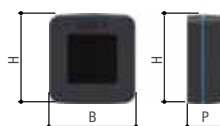
## DLX BUS

Photocells



- Control the gate's area of movement
- It can synchronize up to eight pairs of photocells, with no disturbances, plus no wiring required between the transmitter and the receiver.
- Adjustment of the infrared beam range from 10 to 30 meters.
- Filter function to prevent false detections due to bad weather or direct sunlight.
- Settable contact output so the photocell can double as a control device.
- Alignment function between transmitter and receiver.

### Dimensions (mm)



### Operational limits

MODELS	806TF-0100
Max. range of radio (m)	30

### Technical characteristics

MODELS	806TF-0100
Protection rating (IP)	54
Power supply (V)	CXN BUS
Absorption	-
Max. rating of 24 V (A) relay contacts	-
Operating temperature (°C)	-20 ÷ +55
Material	ABS – ALUMINIUM



# FERNIE 8K01MB-0479




CAME 



## 24V SWING GATE KIT FOR A SINGLE GATE

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<b>ZLX24S</b> 	Multifunctional control panel, with 230 V AC power supply, for 24 V double-leaf gates, with programming and graphical signaling display, self-diagnosis of safety devices, Adaptive Speed & Torque Technology, CXN BUS, 4 safety inputs and storage for up to 1000 users.	1
001 <b>AF43S</b>	Plug-in radio-frequency control card	1
<b>806TS-0250</b>	TTS44RKS - Four-channel 433.92 MHz rolling code transmitter. 4,294,967,896 combinations.	2
001 <b>TOP-A433N</b>	Tuned Antenna.	1
<b>806TF-0100</b> 	Pair of surface mounted synchronised infra-red beam BUS photocells.	1



# FE4024

Gate leaves of up to 4 m

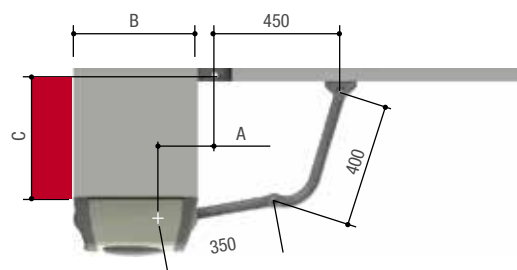


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- Both the 24 V DC and the 230 V AC models are EN tested and have encoder controlled electronics.
- The standard, folding drive arm can be replaced by the straight drive arm when lack of space is an issue.
- Easy to reach release hatch.
- Highly resistant 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)

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LEAF OPENING (°)	A	C Max.
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## Operational limits

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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	FE4024
Protection rating (IP)	44
Power supply (V - 50/60 Hz)	-
Power supply to motor (V)	24 DC
Absorption (A)	7 Max.
Power (W)	130
Maneuvering time at 90° (s)	ADJUSTABLE
Duty/cycle (%)	HEAVY-DUTY SERVICE
Torque (Nm)	360
Operating temperature (°C)	-20 ÷ +55
Motor's heat protection (°C)	-

# ZLX24S

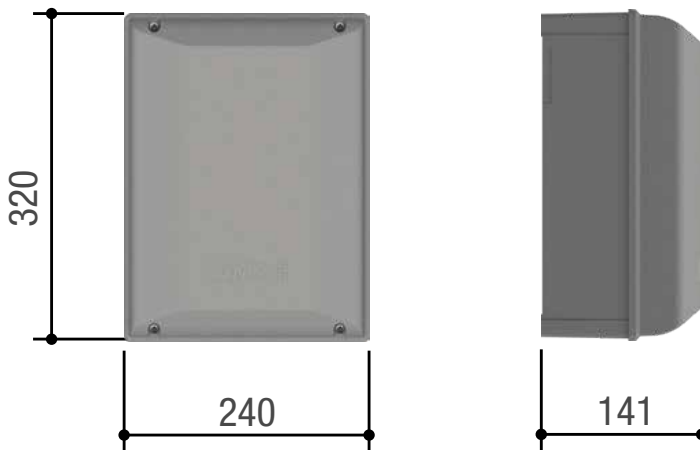
Control panel



## Control panel for 24V gearmotors

- Multifunction control panel for swing gates with two leaves. Graphic programming display and signalling and self-diagnostics using safety devices.

### Dimensions (mm)



### FUNCTIONS

MODEL	801QA-0060
Settable safety inputs	4
CNX BUS inputs	YES
Output B1 - B2	YES
RIO System 2.0	YES
CAME KEY and Gateway slot	YES
Adaptive Speed and Torque Technology	YES
Virtual Encoder management	YES
Users number	1000
Clock module	YES
PCB plastic cover	YES

### TECHNICAL FEATURES

MODEL	801QA-0060
Protection rating (IP)	54
Power supply (V - 50/60 Hz)	230 AC
Operating temperature (°C)	-20 ÷ +55
RAL color	7024
Cabinet material	ABS

- 24 V DC

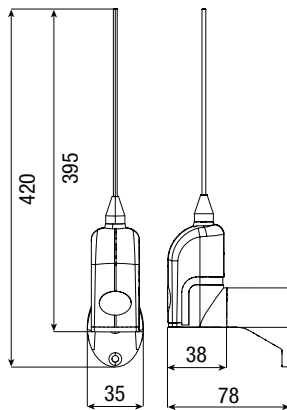
# ACCESSORIES

## 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

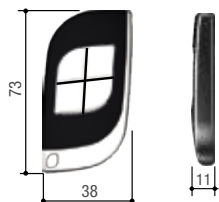
## TTS44RKS

Rolling code 433.92 radio control



- Self-learning from transmitter to transmitter.
- Self-learning from TOP, TAM and TWIN series radio controls.
- Removable battery compartment for easy replacement.
- It can be configured remotely via gateway or locally via GAME KEY.

### Dimensions (mm)



### Operational limits

MODELS	806TS-0250
Max. range of radio (m)	50 ÷ 150

### Technical characteristics

MODELS	806TS-0250
Combinations	4.294.967.896
Radio signal frequency (Mhz)	433,92
Operating temperature (°C)	-20 ÷ +55
Material	POLYCARBONATE - ZAMAK

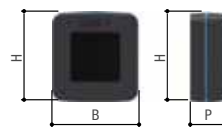
## DLX BUS

Photocells



- Control the gate's area of movement
- It can synchronize up to eight pairs of photocells, with no disturbances, plus no wiring required between the transmitter and the receiver.
- Adjustment of the infrared beam range from 10 to 30 meters.
- Filter function to prevent false detections due to bad weather or direct sunlight.
- Settable contact output so the photocell can double as a control device.
- Alignment function between transmitter and receiver.

### Dimensions (mm)



### Operational limits

MODELS	806TF-0100
Max. range of radio (m)	30

### Technical characteristics

MODELS	806TF-0100
Protection rating (IP)	54
Power supply (V)	CXN BUS
Absorption	-
Max. rating of 24 V (A) relay contacts	-
Operating temperature (°C)	-20 ÷ +55
Material	ABS – ALUMINIUM