



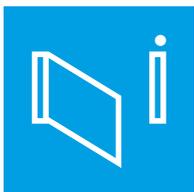
FERNI

Ideal for fitting onto
large gate posts.





FERNI it is easy to apply to single gate leaves measuring up to 4 m, onto large gate posts, where the centre distance between the front of the post and the gate's hinge may be considerable, even up to 30 cm.



FERNI CHARACTERISTICS

- Innovative design for a product engineered and built to meet market needs.
- Sleek, solid, modern, anodized aluminum casing.
- 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 Iso features versatile limit-switches.
- A version with 18 seconds of maneuvering time is also available.
- Both the 24 V DC and the 230 V AC models are EN tested and have encoder controlled electronics.



SIMPLY PRACTICAL

No masonry work or removal of gate leaf needed when mounting; it perfectly adapts to installation needs. A jointed arm is standard issue, but a special straight arm is also available for installing when walls or fences are very close to the gate.

TOTAL CONTROL

- Safe control of the gate leaf movement and of the slow-down phases with encoder technology that precisely detects any obstruction in the gate's path.
- Self-diagnosis of the safety devices, such as the photocells, before the gate even moves.

THE TECHNOLOGY OF FERNI



GUARANTEED BY 24 VOLTS

The 24 or 36 V DC operators are designed for INTENSIVE DUTY and are guaranteed to work even during power outages.

The icon also means the product runs on low voltage



EN TESTED SAFETY

Operator tested as compliant with EUROPEAN STANDARDS on impact forces.



ENCODER

Gearmotor or operator with ENCODER.



CXN BUS

Product compatible with 2-wire connection technology CXN BUS.



RIO System 2.0

Product pre-configured for housing the plug-in board 806SS-0040 of the RIO System 2.0 series.



GREEN POWER MODULE

A guarantee of conformity with REGULATION (EU) 2023/826.

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TRANSMITTERS



INFRARED



SELECTORS

SIMPLIFIED INSTALLATION

The utter versatility and special characteristics of this operator make each phase of professional installers much easier, user-friendly, accurate, especially when retrofitting.

- One single four-conductor cable to manage the power supply and slow-downs.
- Memorizes transmitters with different codes.
- The control panel features a feature programming display, where foresee.

THE "DOUBLE FACE" OPERATOR

Exclusive limit-switch "double face" system to make installation and settings even more practical and user-friendly. Depending on where the gearmotor is fitted (onto the right or left post), the grouping of micro-switches can then be fitted in the most suitable position.

COMPLETE RANGE



VERWENDUNGSBESCHRÄNKUNGEN (mm)

ÖFFNUNGSWINKEL (°)	FE40230 • FE40230V • FE4024 • FE4024V		
	A	B Min.	C Max.
90	150	390	380
120	200	390	0

OPERATIONAL LIMITS

MODELS	FE40230 • FE40230V • FE4024 • FE4024V					
Maximum door-leaf length (m)	4	3,5	3	2,5	2	1,5
Max leaf weight (kg)	400	450	500	600	800	-
MODELS	FE4024 (with the 001FERNI-BDX and 001FERNI-BSX drive arm)					
Max leaf weight (kg)	-	-	-	300	500	500
Max. leaf opening (°)	120°					

TECHNICAL FEATURES

MODELS	FE40230	FE40230V	FE4024	FE4024V
Protection rating (IP)	44	44	44	44
Power supply (V - 50/60 Hz)	230 AC	230 AC	230 AC	230 AC
Motor power supply (V - 50/60 Hz)	230 AC	230 AC	24 DC	24 DC
Draw (A)	1,2	1,3	7 Max.	5 Max.
Power (W)	140	150	130	150
Opening time at 90° (s)	34	18	ADJUSTABLE	ADJUSTABLE
Duty/cycle (%)	30	30	HEAVY-DUTY	HEAVY-DUTY
Torque (Nm)	540	320	360	360
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55

● 230 V AC ● 24 V DC

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