

USER MANUAL

EON

V01

SWING GATE OPENER
ATTUATORE PER CANCELLI A BATTENTE
MOTEUR POUR PORTAILS A BATTANT



| | Installation limits per leaf Limiti d'impiego per anta Contraintes d'utilisation | | | | |
|---------------|--|-------|-------|-------|-------|
| | 2m | 2,5m | 3m | 3,5m | 4m |
| QK-E400 / FX | 700kg | 500kg | 400kg | 350kg | 300kg |
| QK-E400B / FX | 600kg | 500kg | 400kg | 350kg | 300kg |

The values shown within the table above can be considerably reduced in windy areas.
 I valori mostrati nella tabella sopra possono essere ridotti considerevolmente in zone ventose.



MADE IN ITALY

NEW: FX VERSION FOR HIGH SPEED FOR SECURITY APPLIANCES

| TECHNICAL FEATURES | DATI TECNICI | DONNEES TECHNIQUES | QK-E400 QK-E400FX | QK-E400B QK-E400BFX |
|------------------------------|---------------------------------|-------------------------------|----------------------|------------------------|
| Power | Alimentazione | Alimentation | 230Vac 50 / 60Hz | 24Vdc |
| Current absorbed (motor) (A) | Assorbimento motore (A) | Intensité (A) | 0,9-1,5 | 0,7 - 5 |
| Power absorbed (W) | Potenza assorbita (W) | Puissance absorbée (W) | 350 | 120 |
| Capacitor (µF) | Condensatore (µF) | Condensateur (µF) | 8 | - |
| Protection level (IP) | Grado di protezione (IP) | Indice de protection (IP) | 44 | 44 |
| Opening time (sec) | Tempo apertura (sec) | Vitesse (sec) | 20 10 | 20 10 |
| Stroke (mm) | Corsa (mm) | Course (mm) | 400 | 400 |
| Max. thrust (N) | Spinta max. (N) | Couple max (N) | 2200 | 2200 |
| Working temp. (°C Min/Max) | Temp. di esercizio (°C Min/Max) | Temp. de service (°C Min/Max) | -30/+70 | -30/+70 |
| Thermal cut-out (°C) | Termoprotezione (°C) | Protection thermique (°C) | 150 | - |
| Working cycle (%) | Ciclo di lavoro (%) | Cycle de travail (%) | 40 | 100 |
| Motor weight (kg) | Peso motore (kg) | Poids (kg) | 6 | 6 |
| Max. leaf length (m) | Lunghezza max. anta (m) | Longueur maxi vantail (m) | 4 | 4 |

WIRING / CABLAGGIO / CABLAGE:

QK-E400 / E400FX:

BROWN CABLE – CAVO MARRONE – BRUNES CABLE
 BLACK CABLE – CAVO NERO – NOIR CABLE
 GREY CABLE – CAVO GRIGIO - GRIS CABLE
 YELLOW/GREEN CABLE – CAVO GIALLO/VERDE - JAUNE/VERT CABLE

PHASE1 – FASE1
 PHASE2 – FASE2
 NEUTRAL – NEUTRO
 GROUND - TERRA - MASSE

QK-E400B / QK-E400BFX:

EACH ONE OF THE 2 CABLES CONTROL ONE SENSE OF ROTATION OF THE MOTOR
 OGNUNO DEI 2 CAVI CONTROLLA UN SENSO DI ROTAZIONE DEL MOTORE
 CHAQUE DES 2 CABLES COMMANDE UNE SENS DE ROTATION DU MOTEUR

MANUAL UNLOCKING / SBLOCCO MANUALE / DEBLOCAGE MANUEL:



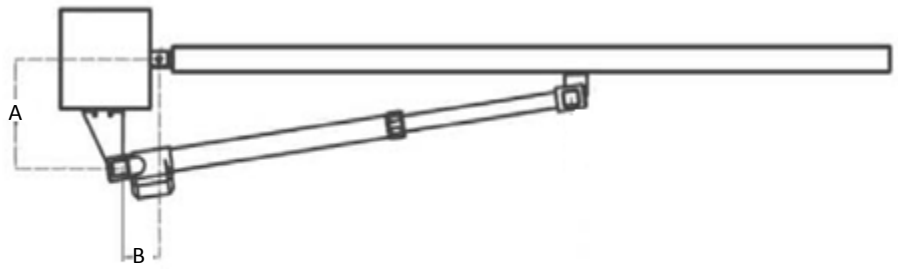
In case of power blackout it is possible to open the gate manually unlocking the motor turning counterclockwise the apposite key.

In caso di mancanza di corrente è possibile aprire il cancello manualmente sbloccando il motore con la chiave girandola in senso antiorario.

En cas de blackout c'est possible d'ouvrir la porte utilisant déverrouillage manuel du moteur en tournant la clé dans le sens antihoraire.

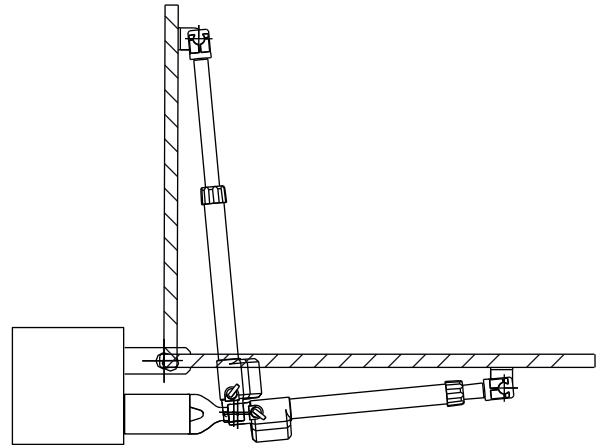
MEASURES TO BE RESPECTED / MISURE DA RISPETTARE / MESURES A RESPECTER:

| MIN / MAX A AND B MEASURES | | | | | |
|----------------------------|--------|-----|----------------------|--------|-----|
| $\alpha = 90^\circ$ | | | $\alpha = 100^\circ$ | | |
| A (mm) | B (mm) | | A (mm) | B (mm) | |
| | min | max | | min | max |
| 110 | 120 | 250 | 120 | 120 | 220 |
| 120 | 120 | 250 | 130 | 120 | 220 |
| 130 | 120 | 250 | 140 | 120 | 220 |
| 140 | 120 | 250 | 150 | 120 | 210 |
| 150 | 120 | 250 | 160 | 120 | 210 |
| 160 | 120 | 230 | 170 | 120 | 200 |
| 170 | 120 | 230 | 180 | 120 | 190 |
| 180 | 120 | 220 | 190 | 120 | 180 |
| 190 | 120 | 200 | 200 | 120 | 170 |
| 200 | 120 | 190 | 210 | 120 | 160 |
| 210 | 120 | 190 | 220 | 120 | 160 |
| 220 | 120 | 180 | 230 | 120 | 130 |
| 230 | 120 | 160 | 240 | 120 | 120 |
| 240 | 120 | 160 | 250 | 120 | 120 |
| 250 | 120 | 150 | | | |

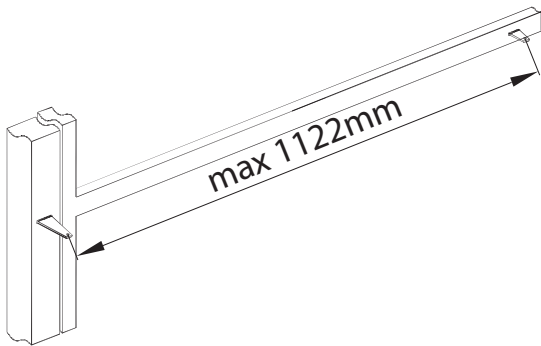


PUSH TO OPEN SOLUTION

If necessary, when PUSH TO OPEN installation is required, extending the bracket on the pillar, it is possible to install the motor internally and let the gate open externally as per the image below:



MAX. DISTANCE BETWEEN BRACKETS



**DECLARATION OF CONFORMITY
(OF THE MANUFACTURER)**

Manufacturer: **QUIKO ITALY**
Via Seccalegno, 19
36040 Sossano (VI)
Italia

hereby declares, under his liability, that products: QK-E400 / QK-E400FX / QK-E400B are in compliance with the essential safety requirements of the regulations:

- Electro-magnetic Compatibility Directive2004/108/EC
- Low Voltage Directive2006/95/EC
- Machinery Directive2006/42/EC

and their amendments and modifications, and with the regulations set forth by the National Legislative Body of the country in which the machinery is destined for use.

Sossano, 01/01/2016



Managing Director

Luca Borinato