

Qik

ENG

Automatic Barriers



Advanced entrance technology

Distinctive features and main functions

- CE marking
- Direct current motor with high performance in terms of speed and number of operations; alternating current motor suitable for all applications requiring lower performance and shorter life
- Gear motor mounted at right angle with the barrier exit in order to avoid the use of a lever system and to leave more space available for the control unit
- Simple to install, the system ensures a very easy access to the control unit
- The 24 V version with encoder and limit switch allows slowdowns and speed control. Possibility of using batteries and operating intermittency
- In the Qik 80, the MD1 display module can be used for the diagnostics and enhanced control of panel adjustments, updatable by means of DMCS software

Accessories

- Provision for photocell installation on fixed mounting
- Red reflective strips
- Fixed mounting / Moving mounting
- Vandal proof electrically operated lock
- Aluminium skirting
- Arm pivot pin kit at 90°
- Batteries / Light kit
- Display module for diagnostics and enhanced control

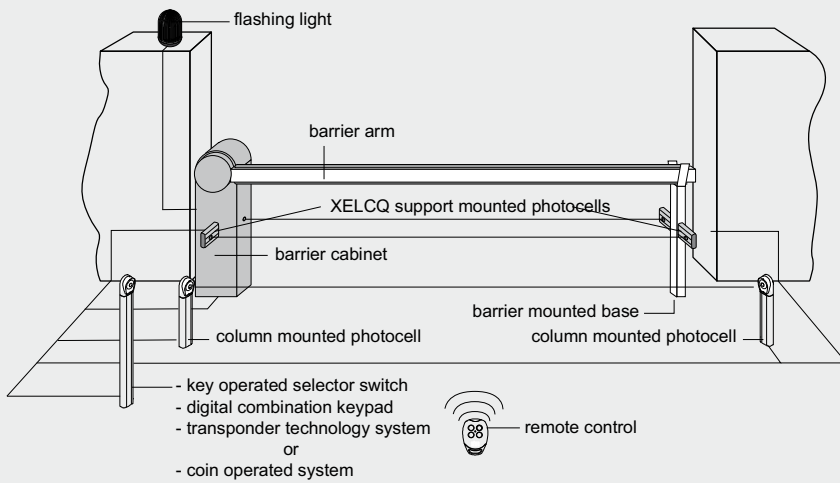


Technical Specifications

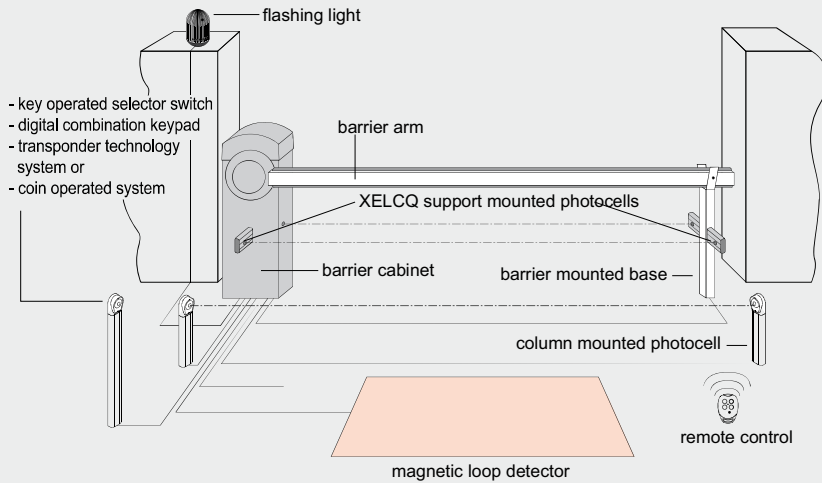
Description:	QIK 4E	QIK 7EH	QIK 60EH	QIK 70EH	QIK 80EH
Barriers	up to 3.5 m long	up to 5.8 m long	up to 5.2 m long	up to 5.7 m long	up to 8 m long
Travel control system	lever-type limit switch	encoder	encoder	encoder	encoder + limit switch
Arm length up to	3.7 m	6 m	5.55 m	6 m	8.35 m
Arm	elliptic	elliptic	round	elliptic	round
Transit dimension	3.5 m	5.8 m	5.2 m	5.725 m	8 m
Duty class	4 - heavy	5 - very heavy	5 - very heavy	5 - very heavy	4 - heavy
Intermittent operation	S2 = 15 min S3 = 30%	S2 = 60 min S3 = 60%	S2 = 60 min S3 = 60%	S2 = 60 min S3 = 60%	S2 = 50 min S3 = 50%
Power supply	 50 Hz	 50-60 Hz	 50-60 Hz	 50-60 Hz	 50-60 Hz
Insulation class	class 1	class 1	class 1	class 1	class 1
Input	1.2 A	1 A	1 A	1 A	1.2 A
Torque	90 Nm	70 Nm	70 Nm	70 Nm	200 Nm
Opening time	4 s/90°	2÷6 s/90°	2÷6 s/90°	2÷6 s/90°	6÷12 s/90°
Closing time		2÷6 s/90°	2÷6 s/90°	2÷6 s/90°	6÷12 s/90°
Release system for manual opening	Key-operated	Key-operated	Key-operated	Key-operated	Key-operated
Operating temperature	-20°C / +55°C (-35°C / +55°C with NIO enabled)	-20°C / +55°C (-10°C / +50°C with battery)	-20°C / +55°C (-35°C / +55°C with NIO enabled) (-10°C / +50°C with battery)	-20°C / +55°C (-35°C / +55°C with NIO enabled) (-10°C / +50°C with battery)	-20°C / +55°C (-35°C / +55°C with NIO enabled) (-10°C / +50°C with battery)
Protection rating	IP 24D	IP 24D	IP 24D	IP 24D	IP 24D
Product dimensions (mm)	300x320x1050	300x320x1050	405x525x1180	405x460x1180	405x525x1180
Control panel	E1A (built-in)	73RQ (built-in)	73RQ (built-in)	73RQ (built-in)	EL34 (built-in)

Example installations

QIK 4E - QIK 7EH

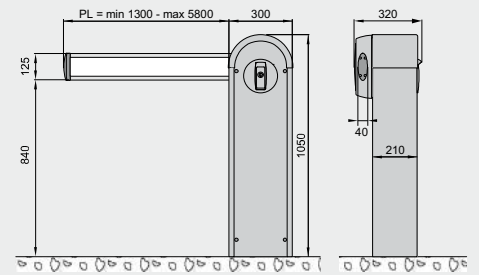


QIK 60EH - 70EH - 80EH

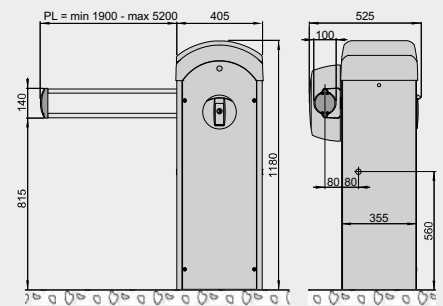


Overall Dimensions

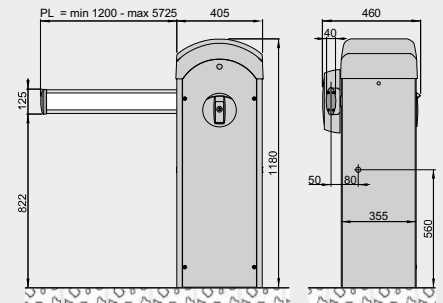
QIK 4E - QIK 7EH



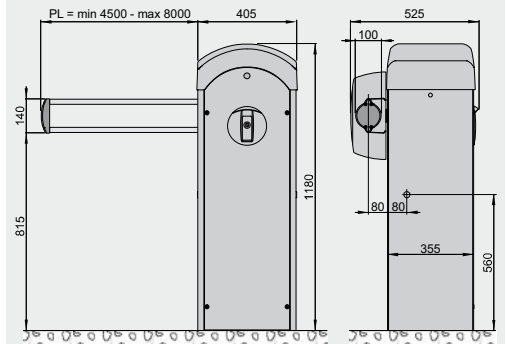
QIK 60EH







QIK 70EH



QIK 80EH



Main system functions

	QIK 4E	QIK 7EH - 60EH - 70EH	QIK 80EH
Description	E1A	73RQ	EL34
Control panel	for 1 230 V~ motor with built-in radio	for 1 24 V= motor with built-in radio	for 1 24 V= motor with built-in radio decoder
Mains power supply	 230 V~ / 50 Hz	 230 V~ / 50-60 Hz	 230 V~ / 50-60 Hz
Batteries ensure barrier operation in the event of power cuts		■ (optional)	■ (optional)
Energy saving 		reduced consumption when in use	reduced consumption when in use
Number of motors	1	1	1
Motor power supply	230 V~ / 5 A	24 V= / 7 A	24 V= / 16 A
Accessories power supply	24 V= / 0.5 A	24 V= / 0.3 A	24 V= / 0.5 A
Electrically operated lock		24 V= / 0.1 A	24 V= / 1 A
Flashing light 3 second warning before automatic closure	230 V	24 V	24 V
Automation open warning light warns the user if arm is not fully down	from limit switch	analogue	analogue
Courtesy light	■	■	■
Limit switch provision	■	■	■
Encoder to control speed and deceleration		■	■
Force adjustment control	transformer	automatic	automatic
ODS - Obstruction detection system causes the arm to stop or reverses operation when an obstruction is detected	■	■	■
Speed adjustment		■	■
Braking / Slowdown control ensures best approach		■	■
Operation time adjustment	■		
Open control	■ (with dip-switch)	■ (with dip-switch)	■
Partly open control	■ (with radio only)		
Close control	■	■	■
Automatic timed close control	■	■	■
Inching control	■	■	■ (with dip-switch)
Hold-to-run control	■	■	■
Stop safety device	■	■	■
Reverse operation safety device	■	■	■
Safety Test Facility for SOF self testing safety devices	■	■	
NIO - Antifreeze system for maintaining motor efficiency even at very low temperatures	■	■	■
Instant closure after transit	■	■	■
Operating temperature			-20°C / +55°C (-35°C / +55°C with NIO enabled)
Protection rating	IP 55	IP 55	IP 55