



**Ditec QIK** is the top performance automatic barrier that fits perfectly into any context. It is the ideal solution for completely secure access control and management, allowing only authorised personnel to enter.

It is available in 3 versions: **one 230 Vac version** for a usable opening width of up to **3.5 m** and **two 24 Vdc versions** for passageways of up to **5.8 and 7.6 m** respectively. The encoder system on the **24 Vdc** models ensures completely safe use, allowing speed control and continuous adjustment of the impact force, as well as immediate detection of obstructions. Available in both 230 Vac and 120 Vac power supply.

SAFE



VERSATILE



### Product range

| Automatic barrier up to 3.5 m long | Automatic barrier up to 5.8 m long | Automatic barrier up to 7.6 m long |
|------------------------------------|------------------------------------|------------------------------------|
| Ditec QIK 4E*                      | Ditec QIK 7EH                      | Ditec QIK 80EH                     |

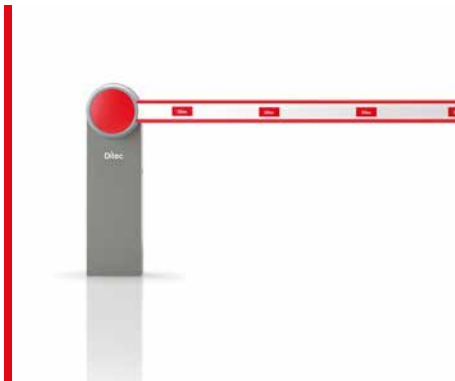
### Technical specifications

| Description                       | QIK 4E*   | QIK 7EH - QIK 7EHJ                                | QIK 80EH  |
|-----------------------------------|---|---|---|
| Barriers                          | up to 3.5 m long                                  | up to 5.8 m long                                  | up to 7.6 m long                                  |
| Stroke control                    | lever-operated mechanical stop                    | encoder   | encoder + limit switch                            |
| Arm length up to                  | 3.7 m   | 6 m   | 7.95 m  |
| Arm                               | elliptical  | elliptical  | round   |
| Service index                     | 4 - intensive                                     | 5 - very intensive                                | 4 - intensive                                     |
| Intermittent operation            | S2 = 15 min<br>S3 = 30%                           | S2 = 60 min<br>S3 = 60%                           | S2 = 50 min<br>S3 = 50%                           |
| Power absorption                  | 230 Vac - 50 Hz                                   | 230 Vac or 120 Vac - 50/60 Hz                     | 230 Vac - 50/60 Hz                                |
| Power input                       | 1.2 A   | 1 A   | 1.2 A   |
| Torque                            | 90 Nm   | 70 Nm   | 200 Nm  |
| Opening time                      | 4 s/90°   | 2-6 s/90°   | 6-12 s/90°  |
| Closing time                      | 4 s/90°   | 2-6 s/90°   | 6-12 s/90°  |
| Release system for manual opening | key operated                                      | key operated                                      | key operated                                      |
| Operating temperature             | -20°C ÷ +55°C<br>[-35°C ÷ +55°C with NIO enabled] | -20°C ÷ +55°C<br>[-35°C ÷ +55°C with NIO enabled] | -20°C ÷ +55°C<br>[-35°C ÷ +55°C with NIO enabled] |
| Protection level                  | IP 24D  | IP 24D  | IP 24D  |
| Product dimensions (mm)           | 300x320x1050                                      | 300x320x1050                                      | 405x525x1180                                      |
| Control panel                     | E1A<br>(built in)                                 | EL31R<br>(built-in)                               | EL34<br>(built in)                                |

\* available while stocks last

|   | QIK 4E   | QIK 7EH - QIK 7EHJ   | QIK 80EH  |
|---|--|--|---|
| <b>TECHNICAL SPECIFICATIONS</b>   |  |  |   |
| Control panel   | ref. E1A for one 230 Vac motor with built-in radio                     | ref. EL31R for 1 24 Vdc motor with built-in radio                      | ref. EL34 for 1 24 Vdc motor with a built-in radio decoder              |
| Radio frequency   | 433.92 MHz standard<br>868.35 MHz with BIXPR2                          | 433.92 MHz standard<br>868.35 MHz with BIXPR2                          | 433.92 MHz with GOLR<br>868.35 MHz with BIXPR2                          |
| Mains power supply  | 230 Vac - 50 Hz  | 230 Vac or 120 Vac - 50/60 Hz  | 230 Vac - 50/60 Hz  |
| Accessories power supply  | 24 Vdc - 0.5 A   | 24 Vdc - 0.3 A   | 24 Vdc - 0.5 A  |
| Stroke control  |  | encoder  | encoder   |
| Limit switch provision  | ■  | ■  | ■   |
| Energy saving   |  |  | reduced consumption on standby*   |
| Operating temperature   | -20°C ÷ +55°C in standard conditions<br>-35°C ÷ +55°C with NIO enabled | -20°C ÷ +55°C in standard conditions<br>-35°C ÷ +55°C with NIO enabled | -20°C ÷ + 55°C in standard conditions<br>-35°C ÷ +55°C with NIO enabled |
| Control panel protection level  | IP55   | IP55   | IP55  |
| Control panel dimensions (mm)   | built into the barrier   | built into the barrier   | built into the barrier  |
| * Limitation of current absorbed by accessories on standby  |  |  |   |
| <b>INPUTS</b>   |  |  |   |
| Opening control   | shared with step-by-step control, selected with dip-switch             | shared with step-by-step control, selected with dip-switch             | ■   |
| Partial opening control   | ■ via radio  |  |   |
| Close control   | shared with emergency stop, which can be selected by setting a jumper  | shared with emergency stop, which can be selected via dip-switch       | ■   |
| Stop control  | ■  | ■  | ■   |
| Step-by-step control  | shared with opening control, selected via dip-switch                   | shared with opening control, selected via dip-switch                   | ■   |
| Hold-to-run control   | ■  | ■  | ■   |
| Automatic closing contact management  |  |  | ■   |
| <b>OUTPUTS</b>  |  |  |   |
| Flashing light  | 230 Vac  | 24 Vdc   | 24 Vdc  |
| Electrically operated lock  |  | 24 Vdc / 1 A   | 24 Vdc / 1 A  |
| Gate-open warning light (ON/OFF)  | ■ from limit switch  |  | ■   |
| Gate-open warning light with proportional blink rate  |  | ■  | ■   |
| Courtesy light  | ■ up to 60 W   | ■ up to 400 W  | ■ up to 400 W configurable via MD2                                      |
| <b>PROGRAMMABLE FUNCTIONS</b>   |  |  |   |
| Configuration of programmable functions   | dip-switches and trimmers  | dip-switches and trimmers  | dip-switches and trimmers or via the MD2 accessory                      |
| Force adjustment  | electronically selected transformer                                    | electronic   | electronic  |
| Speed   |  | adjustable   | adjustable  |
| Soft start / Soft stop  |  | fixed  | fixed   |
| Operation time  | adjustable   | adjustable   | adjustable  |
| Automatic re-closing time   | adjustable   | adjustable   | adjustable  |
| <b>SAFETY AND PROTECTION FUNCTIONS</b>  |  |  |   |
| Emergency stop  | ■  | ■  | ■   |
| Safe closing (inversion)  | ■  | ■  | ■   |
| Safety Test Facility (for automatic safety devices)   | ■  | ■  |   |
| ODS - Obstacle Detection System (causes the gate to stop or to reverse movement when an obstacle is detected) | ■  | ■  | ■   |
| NIO - Antifreeze system   | ■  | ■  | ■   |
| <b>OPTIONAL ACCESSORIES</b>   |  |  |   |
| Battery continuity operation  |  | ■ with SBU   | ■ with BATKH  |
| Support for automation system with integrated batteries   |  | ■  | ■   |
| Magnetic loop detector  | ■ with LAB9  | ■ with LAB9  | ■ with LAB9   |

\* Note: for QIK 80EH, add the GOLR receiver card for use with the ZEN remote control



**QIK**



**QIKB37 - QIKB50 - QIKB60**



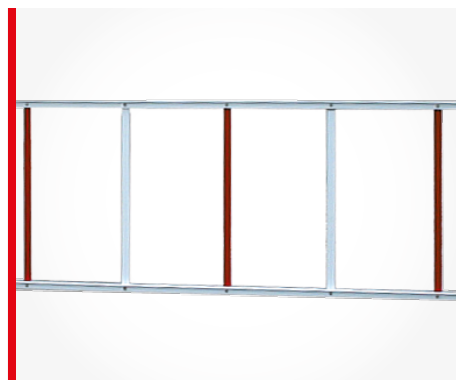
**QIKBG**



**QIKM**



**QIKZ**



**QIKGR**

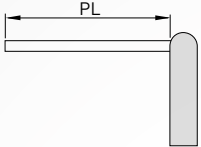
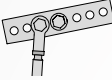
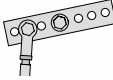
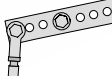


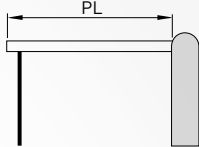
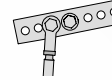
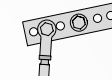
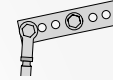
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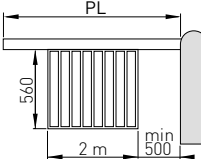
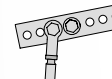
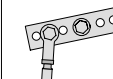
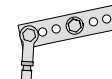


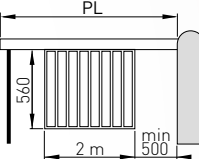
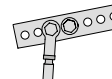
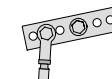
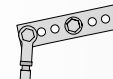
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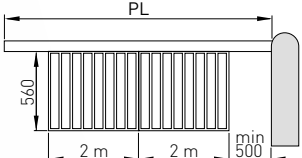
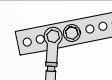
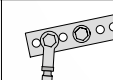
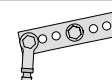
# Ditec QIK 4E - Ditec QIK 7EH - Selection of the suitable spring

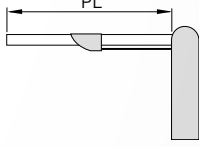
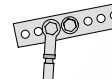
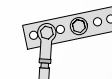
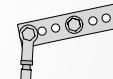
|             |  |   |   |
|-------------|---|---|---|
| PL (mm)     |  |  |  |
| 1300 - 1699 | QIKM1   | /   | /   |
| 1700 - 1999 | /   | QIKM1   | /   |
| 2000 - 2499 | QIKM2   | /   | /   |
| 2500 - 2999 | /   | QIKM2   | /   |
| 3000 - 3499 | /   | /   | QIKM2   |
| 3500 - 4499 | QIKM3   | /   | /   |
| 4500 - 5199 | /   | QIKM3   | /   |
| 5200 - 5800 | /   | QIKM4   | /   |

|             |  |   |   |
|-------------|---|---|---|
| PL (mm)     |   |  |  |
| 1900 - 1999 | /   | /   | QIKM1   |
| 2000 - 2299 | QIKM2   | /   | /   |
| 2300 - 2899 | /   | QIKM2   | /   |
| 2900 - 3199 | /   | /   | QIKM2   |
| 3200 - 4099 | QIKM3   | /   | /   |
| 4100 - 4799 | /   | QIKM3   | /   |
| 4800 - 5800 | /   | QIKM4   | /   |

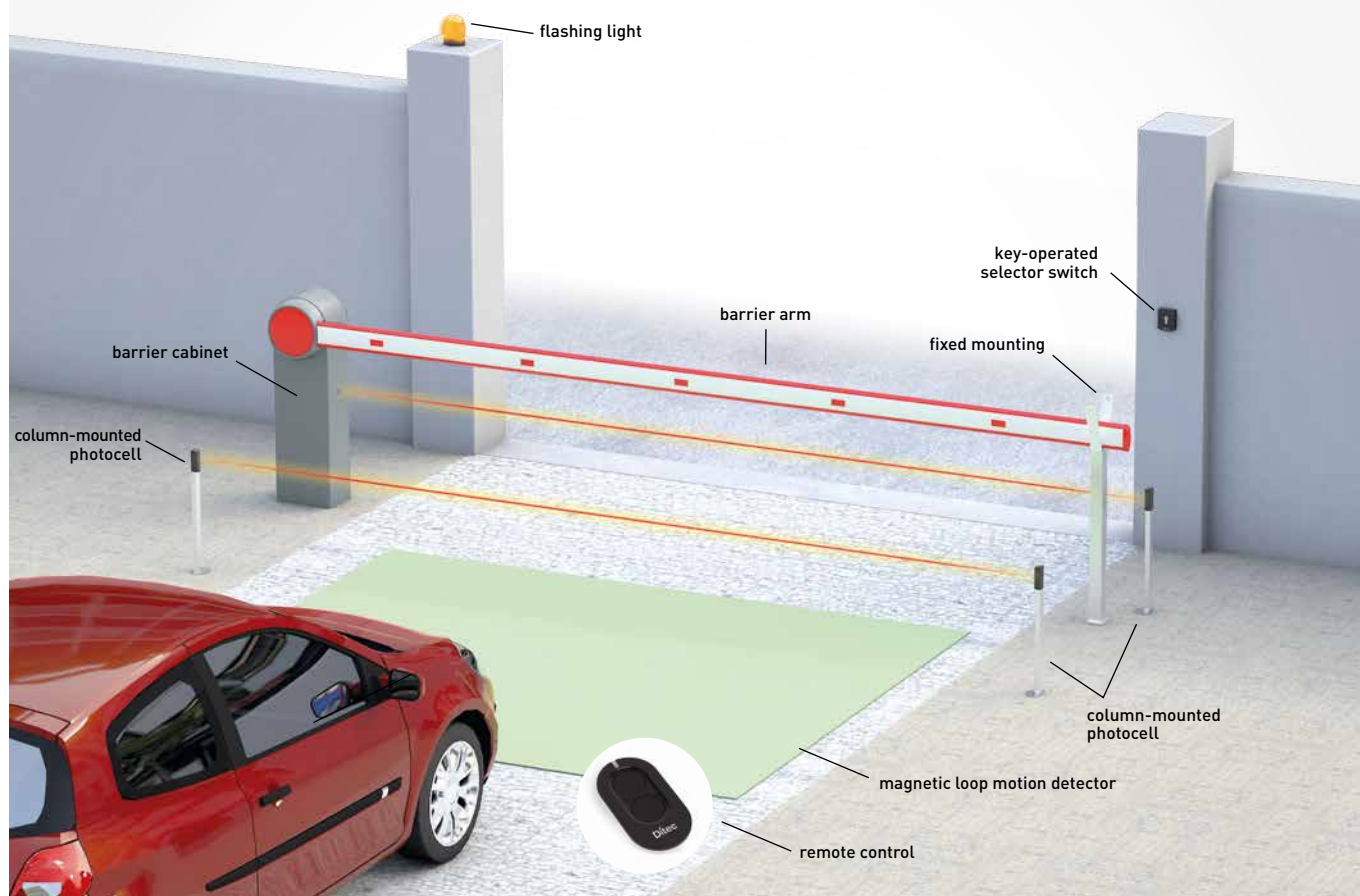
|             |   |   |   |
|-------------|---|---|---|
| PL (mm)     |  |  |  |
| 2500 - 2999 | /   | /   | QIKM2   |
| 3000 - 3600 | QIKM3   | /   | /   |

|             |  |   |   |
|-------------|--|---|---|
| PL (mm)     |  |  |  |
| 2700 - 3399 | QIKM3  | /   | /   |
| 3400 - 3600 | /  | QIKM3   | /   |

|             |  |   |   |
|-------------|---|---|---|
| PL (mm)     |  |  |  |
| 4600 - 5000 | /   | QIKM4   | /   |

|             |  |   |   |
|-------------|---|---|---|
| PL (mm)     |   |  |  |
| 2000 - 2299 | QIKM2   | /   | /   |
| 2300 - 2899 | /   | QIKM2   | /   |
| 2900 - 3199 | /   | /   | QIKM2   |
| 3200 - 4099 | QIKM3   | /   | /   |
| 4100 - 4450 | /   | QIKM3   | /   |

## Ditec QIK 4E - 7EH - Typical configuration



The automation system can be completed with Ditec command, control and safety devices.

■ radio controls > page 90 ■ switches > page 96 ■ photocells > page 100 ■ flashing lights > page 102 ■ safety edges > page 103

## Dimensions

