

# MC800

Control unit for  
swing gates motors

Nice

# MC800

## Control unit for 230 V swing gates motors



With Nice BlueBUS technology, compatible with the Opera system for automation management, programming and diagnostics, including remotely.

**Compatible with the Opera system** whose multifunction O-View display (mountable in the box) enables the system to be personalised, modifying the opening and closing positions, staggered closing of the leafs and decelerations, diversifying the parameters such as force, speed and obstacle sensitivity for each motor..

**Universal power supply:** 120/230 VAC 50/60Hz

Microprocessor logic: the MC800 control unit combines the advantages of the Opera system with the advanced functions of the Nice systems (gradual start and deceleration, automatic memorising of both limit switch positions and pedestrian pass door function).

**Safe and reliable:** thanks to obstacle detection with double technology throughout the travel and possibility of connecting latest generation resistive sensitive edges.

**Intelligent:** on start-up, indicator to confirm correct power supply and efficient operation of the control unit; automatic fault diagnostics and signalling via the flashing light and confirmation LEDs.

**Installation couldn't be simpler:** thanks to the system BlueBUS, enabling connection of the control unit and accessories by means of just two wires.

**Radio receiver:** designed to take SM plug-in receivers.

### TECHNICAL SPECIFICATIONS

| Code         | Description                                                                                          | Pack/Pallet |
|--------------|------------------------------------------------------------------------------------------------------|-------------|
| <b>MC800</b> | Control unit for one or two 230V motors with Nice BlueBUS technology compatible for the Opera system | 1           |

  

| Code                                        | <b>MC800</b>  |
|---------------------------------------------|---------------|
| Power supply (Vac 50/60 Hz)                 | 120/230       |
| Max. motor power and current (W; A)         | 900; 15       |
| Maximum accessories power 24 V (A)          | 0.2           |
| Maximum flashing light power (V; W)         | 120/230; 21   |
| Maximum gate open indicator power CA (V; W) | 24; 4         |
| Maximum electric lock power (Vac; VA)       | 12; 15        |
| Working time "TL" (s)                       | -             |
| Pause time "TP" (s)                         | 5 - 180       |
| Delay 1st motor in opening TRA (s)          | Programmable  |
| Delay 2nd motor in closing TRC (s)          | Programmable  |
| Courtesy light time TCOR (s)                | 0: 250        |
| Pre-flashing time TPRE (s)                  | 0: 10         |
| Force adjustment (%)                        | -             |
| Anti-crushing device (sensitivity)          | min ÷ max     |
| Case dimensions (mm)                        | 230x120x300 h |

### COMMON ACCESSORIES



#### IBT4N

Interface for connecting the O-View programming unit.

Pc./Pack 1



#### MCA5

Spare control unit for MC800.

Pc./Pack 1



#### IT4WIFI

Smart Wi-fi interface to manage gates and garage doors by smartphone (\*).

Pc./Pack 1

### COMPATIBILITY GUIDE - MC800

| Motor                                                                                                                                   | Spare code | Receiver | Transmitter                                                                             | Photocells                           | Flashing light          |
|-----------------------------------------------------------------------------------------------------------------------------------------|------------|----------|-----------------------------------------------------------------------------------------|--------------------------------------|-------------------------|
| T04005, T04006, T04015, T04605, T05015, T05016, T05605, HY7100, HY7005, WG4000, WG5000, MFAB3000, MFAB3000L, LFAB4000, T003000, T004500 | MCA5       | OXI      | ERA INTI, ERA ONE, ERA FLOR, NICEWAY, FLOR-S, FLOR-M, FLO, ONE, SMILO, VERY VR, VERY VE | EPSB, EPMB, EPLB, F210B, EPMOW, MOFB | ELAC, EL, ML, MLT, LUCY |



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