



Product Code

F03233

DUOX PLUS BASIC RELAY

Reference

3233

EAN

8424299032337

Description.

Description

This relay allows the most basic and common functions to be carried out: opening a door, activating a light, etc.

For more advanced functions not available in this relay, FERMAX has the DUOX PLUS relay ref. 3267.

Programming is very simple, even if the factory default parameters are already the ones desired by the installer, you will not even have to program anything. Just connect and that's it.

Using jumper JP1, the relay can be programmed as:

- **Block** Relay (Default value: block = 00): Only the devices in that BLOCK can activate the relay (outdoor panels, guard unit or monitors / telephones)
- **General Entrance** Relay: All users of the installation can activate the relay.

The relay can be programmed to activate with the following **actions** :

- Door opening.
- F1 (default activation parameter).
- F2
- Call from the panel or concierge.

The relay **activation time** can also be programmed: [1 s, 99 s]. The factory default is 4 s.

CONNECTIONS

- Bus Input: to connect the DUOX PLUS bus.
- Bs, -: for the connection of a hall exit button to open the door.
- +12: 12 Vdc auxiliary output (max: 300 mA).
- C, No, NC: Potential free relay contacts. 250 Vac / 30 Vdc - 3A. Max.
- ON: LED indicating that the relay has been activated.

Technical Details

DESCRIPTION

JP1: Work mode selector

- GE: GENERAL ENTRANCE mode
- BL: BLOCK mode

TERMINAL STRIPS

- +12: 12 Vdc auxiliary output (max: 300 mA).
- C, No, NC: Potential-free relay contacts. 250 Vac / 30 Vdc - 3A. Max.
- ON: LED (Green) indicating that the relay has been activated.

BUS INPUT: Connection strip to the DUOX PLUS Bus.

PRG BUTTON : To enter PROGRAMMING mode and define the ACTIVATION TIME.

EXTERNAL PUSH BUTTON CONNECTIONS: By shorting BS and -, the relay will activate for the configured ON TIME.

INDICATIVE LEDs:

- PWR (Red): Indicates that the device receives the necessary power to work.
- MODE (Blue): Indicates if the device is in PROGRAMMING mode and the stage of the procedure it is in.

QR TO THE USER GUIDE : when scanning this QR with the mobile, it takes the installer to the technical manual of the product.

TECHNICAL CHARACTERISTICS

Power supply: 18-24 Vdc

Consumption:

- Standby: 1.2 W
- Relay ON: 7.2 W

Operating temperature: [-5°C, + 40°C]

Relative humidity: [5%, 95%]

Dimensions: 86 (height) x 106 (width) x 31 (depth) mm

DIN 6 rail mounting (including side fixing brackets to screw, width 106 mm). Eliminating the lateral fixing brackets for the screws the width is 89 mm (DIN 5).

PARAMETERS	VALUES	DEFAULT VALUE
GENERAL / BLOCK ENTRANCE	with jumper JP1 (GE / BL)	BL (with JP1)
BLOCK NO.	00-99	0
ACTIVATION COMMAND	Lock release, F1, F2, Call from panel or guard unit	F1
ACTIVATION TIME (Tact)	0-99 s.	4 s.

NOTE: if the factory default parameters are already those desired by the installer, you will not have to program anything. Connect and go.

Details.

Product measurements (height x
width x depth) mm

86 x 106 x 31

Weight (kg)

0.157957

Packaging measurements

(height x width x depth) cm

6,5x11,3x9,6

Video Door Entry system

Technologie

DUOX

Manuals

- 970204 Rele Basico
DUOX Plus V11_20.pdf

Declaration of conformity

- DOCF03233EN.pdf

Accessories



F03267

DUOX PLUS RELAY