

Product Code

F09419

## 10W DUOX PLUS DECODER/ISOLATOR

Reference

9419

EAN

8424299094199

### Description.

#### Description

The new plant decoder is a device that offers many advantages to make a DUOX PLUS installation more powerful. Quoting the system will be much easier since we depend much less on distances, number of trunks, number of floors per floor, etc.

#### KEY FEATURES:

##### 1. Longer shunt distance.

Plant decoder with 10 outputs. One output for each dwelling, allowing up to 3 terminals (monitors/telephones) per dwelling. Several decoders can be installed on each floor. Each output allows the branching distances on the floor to be increased up to 100 m. The decoder is powered directly from the DUOX PLUS bus.

##### 2. Insulation between terminals.

Isolation against load and signal reflections. In the event of a malfunction (short circuit) of any of the decoder outputs, both the input DUOX PLUS bus and the rest of the outputs will continue to function normally. In addition, when a short-circuit occurs in an output, the red LED associated with it will light up, thus indicating the output in which the fault has occurred.

##### 3. Remote programming of the terminals (without entering the house).

It is not necessary to enter the houses to program the address of the terminals since the decoder includes a group of microswitches (dipswitches) to program the addresses of each of its outputs (sequential programming). The decoder addresses can also be programmed non-sequentially (open programming).

##### 4. Lock / Unlock monitor installer menu (only available for V42.18 or higher monitors).

After performing a remote terminal programming, the decoder locks the Installer Menu on the monitors. In this way, it is no longer possible to access the Installer Menu from the monitor (by pressing F1+Lock release), preventing the user from modifying installer

parameters such as the terminal address.

It is possible to Unlock the installer menu: that way from the monitor you can already access said menu. After 30 minutes it locks again.

#### WHEN IS IT RECOMMENDED TO PLACE THIS INTELLIGENT DECODER?

- When we have to install more than 6 terminals per floor in the building.
- When the distance from the terminals to the trunk is greater than 25 meters or when we do not know this distance.
- When different types of cables are mixed in the same installation or all the cables go to the same point (it is common to find this type of wiring in replacement installations).

#### Technical Details

#### TECHNICAL CHARACTERISTICS

The assembly can be done both by screw fixing, and by installation on a DIN rail.

Dimensions: DIN 10 rail.

Removable strips to facilitate wiring and installation.

Supply voltage: 24 Vdc

Standby consumption: 0.912 W

Maximum consumption: 1,368 W

**Note** : Max 1 A per output

#### COMPATIBILITY

**NOTE 1:** the decoder supports the functions of auto-start, F1, F2, call to guard unit and second channel, taking into account that in each decoder only one channel can be active at a time.

**NOTE 2 :** The decoder is compatible with Duox and Duox Plus installations, but not all functions are compatible with all versions of Duox Plus terminals, as can be seen in the table included in the technical manual.

#### Details.

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Product measurements (height x width x depth) mm	Product height (mm)	Product width (mm)	Product depth (mm)
90 x 175 x 37	90	175	37

### Weight (kg)

0.296489

### Packaging measurements

(height x width x depth) cm

6,5x18,1x9,6

### Video Door Entry system

Technologie

DUOX

### Manuals

- 970258b\_Decoder-Aislador\_DUOX\_PLUS\_10S\_ref\_9419\_V09\_22.pdf

### Declaration of conformity

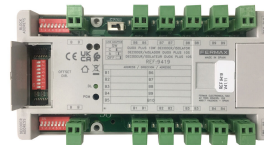
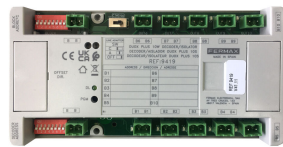
- DOCF09419EN.pdf

### Accessories

### Other images



F09425  
4W DUOX PLUS  
DECODER/ISOLATOR



### Video

- <https://www.youtube.com/playlist?list=PLf1YNFmssC34rWLItwWsY459xEtaMKEKs>