



Product Code

F09419

## 10W DUOX PLUS DECODER/ISOLATOR

Reference EAN  
9419 8424299094199

### Description.

#### Description

The new floor 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 apartments per floor, etc.

#### KEY FEATURES:

##### 1. Longer derivation distance.

10-outlet floor decoder. One output for each home, allowing a maximum of one terminal (monitor / telephone) per home. Multiple decoders can be installed on each floor. Each outlet allows to increase the diversion distances in floor up to 100 m.

##### 2. Isolation between terminals.

Isolation from load and signal reflections. If a short circuit or overconsumption is detected in an output, said output is isolated from the rest of the installation (both the DUOX PLUS bus and the rest of the outputs will continue to operate normally).

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

It is not necessary to enter the dwellings 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.

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

After performing 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 this menu. After 30 minutes it locks up again.

Technical Details

TECHNICAL CHARACTERISTICS

The assembly can be carried out both by screw fixing and by installation on a DIN rail.

Dimensions: DIN 10 rail

Supply voltage: 24 Vdc

Idle consumption: 828 mW

Maximum consumption: 864 mW

CONNECTIONS

**System Connection Terminals**

**B, B (INPUT / OUTPUT)** : Terminals for connection to the input / output trunk bus. The decoder takes power from either of its two terminals BB (INPUT), using the other BB as the bus output (OUTPUT).

**B1, B1 - B2, B2 - B3, B3 - ..... - B10, B10** : Connection terminals to connect house terminals. A maximum of 1 terminal can be connected to each of the 10 outputs.

**PGM** : Programming button.

**DL (green)**: LED for power and operating modes.

**DL OPERATING MODES**

Off: Not powered or Power <17 Vdc

Fast flashing: Not programmed

On: In standby or Synchronization of parameters

Slow flashing: Receiving commands through the bus or Active communication channel

1 flash every 3 seconds: Programming remote addresses

Double flashing: Installer menu unlock

**SWITCH SW** : Switch to select line adaptation.

**DIPSWITCHES**: To assign the ADDRESS TABLE to the decoder outputs.

**BLOCK ADDRESS** : To assign the address of the Block.

**DECODER ADDRESS** : To assign the address of decoder output 1, and the rest are progressively increased to output 10.

**OFFSET DIR.** : So that the address of the decoder output 1 starts with the [number chosen in OFFSET +1].

COMPATIBILITY

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 following table:

Terminals	Increase distance	Isolation between terminals	Remote programming	Lock / Unlock Installer Menu
Hw & fw versions				

VEO monitors	Everyone	Everyone	42.18	42.18
VEO wifi monitors	Everyone	Everyone	42.18	42.18
VEO-XS monitors	Everyone	Everyone	42.18	42.18
VEO-XS wifi monitors	Everyone	Everyone	42.18	42.18
VEO-XL monitors	Everyone	Everyone	42.18	42.18
VEO-XL wifi monitors	Everyone	Everyone	42.18	42.18
VEO phone	Everyone	Everyone	40.44	Does not apply
Extra Loft Telephone	Everyone	Everyone	31.43	Does not apply
lLoft Phone	Everyone	Everyone	11.13	Does not apply
Amplifiers	Everyone	Everyone	Everyone	Everyone

**NOTE:** the decoder supports the auto-start functions, F1, F2, call to the guard unit and second channel, bearing in mind that only one channel can be active in each decoder at any time.

## Details.

Product measurements (height x width x depth) mm	Weight (kg)	Packaging measurements (height x width x depth) cm	Video Door Entry system Technologie
90 x 175 x 37	0.296186	6,5x18,1x9,6	DUOX

## Manuals

970258b Decoder-Aislador DUOX PLUS 10S ref 9419  
V09\_22.pdf

## Declaration of conformity

DOCF09419EN.pdf

## Other images

