FERMAX

1W DUOX PLUS DUAL REGENERATOR

Reference: 3268

FEATURES

The DUOX PLUS 1S DUAL Regenerator can be used for the following purposes:
- Increased remote installation and/or terminal loading capacity. The regenerator has to be connected at a point where...

DESCRIPTION

FEATURES

The DUOX PLUS 1S DUAL Regenerator can be used for the following purposes:
- Increased remote installation and/or terminal loading capacity. The regenerator has to be connected at a point where there is a suitable signal (e.g. where a monitor is working properly).
- 1. Outdoor panel distance extension.
- 2. Monitor extension.
- 3. Signal regeneration.
• Section isolation (riser,...). The two sections between which it is installed are isolated from short circuits, charge and signal reflections.
• When supplied from one port, the regenerator allows a maximum current of 1.6 A to be passed to the other port.
• Also in multichannel regenerator mode, establishing simultaneous conversations in different blocks.

TECHNICAL FEATURES

The set-up process can be completed using either a screw fitting or a DIN rail installation.
Dimensions: 86 (H) x 89 (L) x 26 (D) mm.

Connections

- The regenerator can be powered by either of its two ports, but not both simultaneously. If this is done, the regenerator will isolate the current between the INPUT terminal and the OUTPUT terminal, shutting it down for protection.

DUOX PLUS System: this is the first completely digital system in two-wire non-polarized technology. This is the most technologically advanced system in the world, allowing fast installation with just two wires. The most highly simplified and advanced installation system on the market. It maximizes intercom system capacities thanks to digital audio and video transmission. Duox Plus offers maximum ease of installation, enabling transmission of all signals: power feed, audio, video and data with the highest capacities. It permits management of - From 1 to 999,999 apartments: • Calls from pushbutton panel: 99. • Calls from keypad panel: - Sub-block: 99. - Block: 9999. - General entry: 999999. - From 1 to 10 panels: • Number of panels: - General entry: 10. - Block: 10. - Sub-block: 10. The maximum distance will depend on the installation topology and cable. See table of sections and distances for more details. DUOX PLUS offers maximum versatility thanks to the stability and strength of signal transmission in this fully digital system which avoids possible feedback and interference in the installation. The DUOX PLUS amplifier includes a voice synthesizer. Operating the lock release issues a message: "door open, close after entry". Up to three terminals (telephones/monitors) can be installed in each apartment. Apartment terminals require simple programming. This programming assigns a call code to each terminal. Communication is private. Cables: Any type of cable may be selected: parallel, twisted pair and UTP CAT5 in new installations, even existing cables in replacement work can be used (5 wires, 2-wire bell or old 4+N wire). Non-polarized 2-wire. Please check the sections-distances-terminals-power supply table.

TECHNICAL SPECIFICATIONS

The set-up process can be completed using either a screw fitting or a DIN rail installation
Dimensions: 86 (H) x 89 (L) x 26 (D) mm
Supply voltage 18 - 24 Vdc
Standby power usage 1,8 W.
Maximum power usage 2,16 W.

For more than 5 blocks and other topologies, see DUOX PLUS Technical book 970122.

Weight: 0,173 kg

Size of product when packed: 6,4x10,8x9,6 cm

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