45TRA100

ADDRESSED WIRELESS TRANSLATOR

Addressable wireless expansion module designed for operation with Comelit addressable wireless fire panel 41CPE118. The module is powered directly by the Loop line without the need for additional power supplies and is monitored using proprietary protocol. Two-way radio communication with connected wireless devices, which are automatically recognised by the fire panel. Up to 32 devices can be enrolled on a specific module to form a linear network. Up to 5 45TRA100 expansion modules can be connected to a single Logifire 41CPE118 panel. Information on the status of enrolled wireless devices is shown on its LCD display and also reported in the addressable panel menu. Communication distance between expander and devices (in open space) over 1000 m. Equipped with dipole omnidirectional antenna with SMA connector which guarantees broad coverage and stable communication with enrolled wireless devices. 45TRA100 is housed in a plastic container suitable for wall mounting, and has a built-in isolator. It has 6 different frequency channel pairings and AFA (automatic frequency adaptation) option for automatically searching for the best radio channel for each situation. Power supply 17-30 Vdc. Operating temperature -10°C / +55°C. Dimensions (LxHxD) 191x125x60 mm. Material: ABS. IP40 protection rating. Approved to EN 54-17, EN54-18 and EN 54-25.

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MAIN FEATURES	
Model	Addressable wireless expander
Communication protocol	Comelit Wireless
Compatible control panels	41CPE118
Loop powered	Yes
Isolator	Yes
Max. expanders for panel / system	5
Max. wireless devices for expander	32
Frequency band (n°)	866 ÷ 870
Number of frequency channels	6 pair channels
Two-way radio communication	Yes
Modulation	GFSK
RF range (meters open field) (m)	1000
Display type	LCD, dot matrix 16x2
Event messages for wireless devices status	Low battery, tamper, lost device, signal strength
Multi-language display menu	Yes
EN regulations	EN54-17, EN54-18, EN54-25

HARDWARE SPECIFICATIONS	
IP protection rating	IP40
Height (mm)	125
Width (mm)	191
Depth (mm)	60
Type of finishing materials	ABS
Product color	White RAL9016, Grey, RAL 7045
Product weight (g)	180
Operating temperature (°C)	-10 ÷ 55
Cross-section for terminals (mm)	0.5 ÷ 2.5

The technical specifications are subject to change without prior notice.

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ELECTRICAL SPECIFICATIONS	
Supply voltage	17-30 VDC
Max. consumption LCD display ON (mA)	17
Max. consumption LCD display OFF (mA)	13

GENERAL DATA	
Wireless technology	Bidirectional - BeaconPlus
Antenna type	Dipole, omni-directional
Antenna connection	SMA port
Protezione antiapertura	Tamper

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