Phone dialer

DEDICATED ACCESSORIES

TFESP-4G

EN 54-21 | 4G GSM-LTE | VoLTE Voice over LTE 4G | PSTN ATE2 | LTE ATE4 | INTERNAL EXPANSION



GSM-LTE expansion module for TFCOM telephone dialer. Integrated GSM and LTE standard 4G telephone carriers. Communication protocols: 16 protocols for GSM-LTE carriers and 5 backup protocols for the PSTN carrier. Transmission formats: Voice, SMS, Ring, DTMF, Data.
The module manages the VoLTE service (high resolution voice calls).
Security: encrypted communication, 128/256 Bit AES supported, independent passphrase programming for each communicator.
Classification of telephone notification means according to the communication protocol of the GSM carrier user: Class ATE2, LTE carrier: Class ATE4.
Plug-in mounting on TFCOM card.
EN 54-21: 2006. Approval certificate: 0051-CPR-0454.

Item no. TF2TFESP4G

TFCOM - Technical data and functions

Generality	Phone dialer	**TFCOM**
	Communication protocol	**FIRE-BUS**
	Addressing	**Dip-switch**
	Connection	**Bus RS485**
TLC specifications	Speech synthesis	**Vocabulary monolingual**
	Telecommunications channels	**8 + 1**
	Phone numbers - IP addresses	**8+8 (24 characters)**
	Report codes	**33 (categories)**
	Zone report codes	**5 (types)**
	Telephone queue items	**32**
	Communication protocols	**29**
	Encryption	**AES 128/256 bit**
	Passphrase	**Programmable**
PSTN vector	Integrated telecommunication vector	**PSTN**
	Compliant	**ETSI ES 203 021-1**
	Transmission time maximum value D4	**8 sec**
	Transmission time maximum value M3	**9 sec**
GSM-LTE vector	GSM optional telecommunication vector	**4G - LTE**
	GSM-LTE telephone module	**TFESP-4G**
	Transmission time maximum value D4	**5 sec**
	Transmission time maximum value M3	**5 sec**
Equipment	Data memory	**Flash 1 Gbit**
	Management interface	**USB port**

Outputs	Fault signalling relay	**Imax 750mA**
Battery	Battery housing	**1 (12V/7Ah)**
	Flammability class	**UL94-V2 o superiore**
	Trip voltage	**For Vbat ‹8,9V**
	Current for battery charger	**Limited to 0,85A**
	Charge time	**100% in 12 hours**
Electrical specifications	Power supply	**From Serial Bus**
	Rated Voltage	**24V DC**
	Operating voltage	**20V...27,6V DC**
	Stand-by consumption	**90mA @ 24V DC**
	Max. consumption	**140mA @ 24V DC**
Physical specifications	Operating temperature:	**-5°C...+40°C**
	Relative humidity	**10%...93% (non condensing)**
	Protection class	**IP3x**
	Enclosure	**Metal**
	Dimensions (L x H x D)	**315 x 255 x 82mm**
	Antenna height	**65mm**
	Weight	**2,5kg**
Conformity	Fire standard	**EN 54-21:2006**
	Phone standard	**EN 50136-1-1 EN 50136-2-1**
	Approval certificate	**0051-CPR-0454**
	Year of CE marking	**16**
	Number of the declaration of performance	**016_TFCOM**
	Certification body	**IMQ**
	Approved for use in combination with control units TFA1-298 - TFA2-596 - TFA4-1192 - TSA1	

N.B. The declarations of conformity and performance can be found at: www.tecnofiredetection.com

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