

CME21

Communicator

EN54-21 Certified

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Product Description

The CME21 is a device designed to provide certified communication capability from the fire detection control panel to one or more alarm receiving centers. Through the use of different means of communication, such as LAN, Wifi and GSM 4G/2G, it ensures redundancy as required by the European standard.

Supports different dialects of SIA protocols and Contact ID (encapsulated) towards the agency receiving the alarm (other protocols or dialects, upon request, can be incorporated).

Main Features

- Certified EN54-21
- LAN, WIFI, GSM 4G/2.5G/2G connectivities
- 3.5" touch screen display
- 8 configurable balanced inputs
- 4 NC/NO relay outputs
- Dual power supply
- Multi-operator SIM integrated
- Customisation to user interface touchscreen for client logos
- 20 adaptable connection terminals for easy installation to Fire Control Panels
- 5 fixed terminals for RS232/RS485 integration
- Simple user interface for reporting status from connected CME21 units
- Integrated with ESPA444
- Customer protocol can be added upon request

Section	Characteristics	Min	Typ	Max	Unit
Main Power Supply	Supply Voltage	10	24	30	V
Secondary Power Supply	Supply Voltage	10	24	30	V
Current Consumption	@24 V	-	60	-	mA
Inputs ^[1]	Maximum Voltage	-	-	35	V
Unbalanced Input	Positive Activation	4	-	-	V
	Negative Activation	-	-	2	V
Single Balancing	Inactive	1200	-	6800	Ω
	Open	9100	-	-	Ω
	Alarm	-	-	910	Ω
Double Balancing	Inactive	3000	-	18000	Ω
	Open	20000	-	-	Ω
	Short Circuit	-	-	620	Ω
	Alarm	680	-	2400	Ω
Double Balancing NC	Non Attivo	1800	-	3300	Ω
	Aperto	20000	-	-	Ω
	Corto Circuito	-	-	1200	Ω
	Allarme	3900	-	18000	Ω
Outputs	Inactive	-	-	30	W
	Open	-	-	60	Vdc
	Short Circuit	-	-	125	Vac
	Alarm	-	-	100	m Ω

Communications	
GSM	2G / 4G Narrow Band 10 / 100 Tranceiver
Ethernet	Compliant to IEEE802.3 / 802.3u Compliant to ISO 802-3 / IEEE 802.3 (10BASE-T)
WiFi	Standard FCC / CE / TELEC / KCC / SRRC / IC / NCC WiFi 802.11 b / g / n Range Frequencies 2.4 GHz ~ 2.5 GHz (2400M ~ 2483.5M)
RS232 / 485	up to 250 kb/s

