

TA1004

Conventional fire detection control unit 4 zones Tacóra series



Main features

- **Management of 4 conventional zones configurable as:**
 - Input for conventional absorption detectors with 4K7 Ohm balancing resistance
 - open collector output
 - input with pull-up for connection to a device with open-collector output
 - Balanced input
 - 4 - 20mA input
- **1 additional zone for absorption call-points with 4K7 Ohm balancing resistance.**
- **Arrangement for the connection of the following optional modules: EXTING extinguishing board, GSM MDGSME module, TAREL24 relay board, MDLAN or FXLAN2 LAN module**
- **RS485 connection for the connection up to 2 TAREPEATER optional repeaters.**
- **User interface with multi-colour backlight graphic display, keypad and LED indicators.**
- **CPR 305/2011 certification (ex CPD 89/106/EEC certifications) UNI EN 54-2, UNI EN 54-4, UNI EN 54-21 (with GSM combiner mod. MDGSME), UNI EN 12094-1 (with extinguishing module mod. EXTING).**

Data sheet

Model	TA1004
Product code	 ICCTA0101400  ICCTA0101401
Features	
Conventional zones	4 conventional zones configurable as: <ul style="list-style-type: none"> • Input for conventional absorption detectors with 4K7 Ohm balancing resistance • Open collector output • Pull-up input for connection to a open-collector output device • Balanced input • 4 - 20mA input
Call-points zones	1 zone absorption detectors/call points with 4K7 Ohm balancing resistance
Outputs	<ul style="list-style-type: none"> • 1 balanced supervised output for alarm, PTC protected • 1 RELAY NO/C/NC output for general fault • 1 RELAY NO/C/NC output for pre alarm • 2 RELAY NO/C/NC outputs configurable • 1 DC24V output for users, PTC protected • 1 resettable DC24V output for users, PTC protected • 4 optional relay outputs with TAREL24 module • 1 RS485 for 2 TAREPEATER connection
USB	1 USB connector
Connector for optional modules	<ul style="list-style-type: none"> • GSM MDGSME module to send alarm signaling or control unit status via SMS • TAREL24 board with 4 programmable relay outputs • LAN FXLAN2 board for the Ethernet connection • EXTING extinguishing module with 1 zone
User interface	Multi-colour backlight graphic display, keypad and LED indicators
Event storing	Storage up to 2000 events
Functions	<ul style="list-style-type: none"> • Automatic change of the backlight display color depending on the control unit status • Evacuation • Acoustic devices silencing • Control unit restore • Day/night mode • Zones, devices and modules exclusion • Functional test on control unit, inputs and outputs • Time slot configuration and personalization • Extinguishing with EXTING module (optional) • Connection on LAN network with optional MDLAN (for control units equipped with firmware version 5.2 or higher) or FXLAN2 module • SMS sending with MDGSME module (optional)
Protection class	IP30
Power supply unit	Internal mod. AL2SW24 29Vcc 2A supplied
Batteries	Batteries placed internally 2x12V/7Ah (optional). Power supply system with battery charge control and charge unbalance NTC1 and NTC2 optional batteries temperature control
Operating temperature	-5°/+40° 93% UR
Dimensions/weight	W320 x H304 x D83mm, 4Kg
Power consumption	40mA idle state
Power supply	AC230V
Certifications	CPR 305/2011 certification (ex CPD 89/106/EEC certification) UNI EN 54-2, UNI EN 54-4, UNI EN 54-21 (with GSM MDGSME module), UNI EN 12094-1 (with extinguishing EXTING module)