



TA4000

Hybrid conventional / analogue addressable control unit Tacóra series, management of 4 conventional zones and 2 loops

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
- **Hybrid configurations: 4 conventional zones + up to 2 analogue-addressable loops (2 loops for IE2, 2 loops for AS, 1 loop for IE1)**
- **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 for the connection up to 2 TAREPEATER optional repeaters panels.**
- **Multi-colour backlight graphic display, keypad and LED indicators.**
- **CPR 305/2011 certification (ex CPD 89/106/EEC certification) UNI EN 54-2, UNI EN 54-4, UNI EN 54-21 (with GSM module mod. MDGSME), UNI EN 12094-1 (with extinguishing module mod. EXTING).**

Data sheet

| Model | TA4000 |
|---------------------------------|--|
| Product code |  ICCTA0102400  ICCTA0102401 |
| 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 the connection to a device with open-collector output. • Balanced input • 4 - 20mA input |
| Hybrid configuration | 4 conventional zones + up to 2 analogue-addressable loops (2 loops for IE2, 2 loops for AS, 1 loop for IE1) |
| Call-points zones | 1 zone absorption detectors/call points with 4K7 Ohm balanced 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 configurable outputs • 1 DC24V output for users, PTC protected • 1 resettable DC24V output for users, PTC protected |
| Addresses per loop | Up to 254 |
| USB | 1 USB connector |
| Connectors for optional modules | <ul style="list-style-type: none"> • GSM MDGSME module for SMS sending of alarm signalings or control unit status • Board with 4 programmable relay outputs TAREL24 • LAN FXLAN2 board for the Ethernet connection • Extinguishing module with 1 zone EXTING • Loop module for IE1, IE2 or AS (MIEXP254 or TALOOP or TAEXP20) |
| 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 colour 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 modules • SMS sending with MDGSME module (optional) |
| Protection class | IP30 |
| Power supply unit | DC29V / 3.45 A max (supplied) |
| Batteries | Batteries can be housed internally 2x12V/26Ah (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 | W500 x H450 x D200mm, 6Kg |
| Power consumption | 80mA 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 module EXTING) |