

DESCRIPTION	PRICE PER UNIT	TOTAL PRICEC
<p>Conventional/analogue addressable fire detection control unit brand EL.MO. mod. TA2000.</p> <p>The TA2000 is a fire detection control unit of the Tacóra series that offers 2 configurations type: 4 zones conventional expandable up to 12 with TAEXP10 optional expansion board and hybrid conventional/analogue-addressable (4 conventional zones expandable up to 12 with 1 TAEX10 optional expansion board and 1 analogue-addressable loop FYRA protocol with TALOOP optional board).</p> <p>Each conventional zone is configurable as: input for conventional absorption sensors 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. In the hybrid conventional/analogue-addressable configuration, TA2000 allows to manage 254 addresses on loop with AS protocol. TA2000 manages an additional MCP lines for absorption call-points with 4K7 balancing resistance and it is equipped with 1 balanced supervised output for alarm (REL.ALL.), 1 NO/C/NC relay output for fault signaling (FAULT), 1 NO/C/NC RELAY output for pre-alarm signaling (PREALL.), 2 configurable NO/C/NC RELAY output (AUX1 and AUX2), 1 DC24V output for users (OUT +24V), 1 DC24V resettable output for users (+24V RES.).</p> <p>TA2000 offers several interface. It is in fact arranged for the connection of the following optional modules: GSM MDGSME or 4G MD4GE modules, TAREL24 board with 4 programmable relay outputs, LAN MDLAN board for Ethernet connection and the EXTING extinguishing module with 1 zone. The convenient external graphic display shows all the time the service status of the control unit and, in the case of error or warning message, the display changes colour, displaying the control unit status. In addition, there is an internal buzzer for the alarm acoustic signal, pre-alarm and fault.</p> <p>It is possible to connect through RS485 serial line up to 2 TAREPEATER optional repeaters panels that allows to perform the same operations of the control unit keypad and to view messages and status of the control unit in real-time.</p> <p>Technical specifications:</p> <ul style="list-style-type: none"> - Conventional zones: 4 conventional zones configurable as: <ul style="list-style-type: none"> • Input for absorption conventional sensors with 4K7 balancing resistance • Open collector output • Input with pull-up for the connection to a device with open-collector output • Balanced input • 4 - 20mA input - Call-point zone: 1 zone for absorption call-points with 4K7 Ohm balancing resistance - Expansions: <ul style="list-style-type: none"> • Expandable to 12 conventional zones with 1 TAEXP10 expansion board (optional) and with 1 analogue/addressable loop with 1 analogue-addressable loop expansion board TALOOP (optional) for mixed configuration - 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, • 4 optional relay outputs with TAREL24 module, • 1 RS485 for the connection up to 2 TAREPEATER - Addresses on AS loop: up to 254 - USB: 1 USB connector - Connectors for optional modules: <ul style="list-style-type: none"> • MDGSME GSM module for sending alarm / control panel status reports via SMS and interfacing to the e-Connect platform • MD4GE for sending alarm / control panel status reports via SMS, interfacing to the e-Connect platform and connecting to surveillance institutes via SIA IP Reporting protocol (TCP-2007) (in combination with MDLAN) • Board with 4 programmable relay outputs TAREL24 		

- LAN MDLAN board for the Ethernet connection
 - Extinguishing module mod. EXTING
 - Loop board with FYRA protocol TALOOP
 - Conventional expansion board TAEXP10
- Multi-colour backlight graphic display, keypad and LED indicators
- Event storing: Storage up to 2000 events
- Functions:
- 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)
- Protection class: IP30
- Power supply: Internal mod. AL75LRS29V0 (75 W) supplied
- Batteries: Batteries can be housed internally 2x12V/18Ah (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: W390 x H390 x D99mm 6Kg.
- Power consumption: 80mA idle state
- Power supply: AC230V
- Certifications: CPR 305/2011 EN 54-2, EN 54-4, EN54-13, EN 54-21 (with 4G and LAN optional modules), EN 12094-1 (with extinguished module mod. EXTING).

Quantity: