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TROXNETCOM  
Communication master

## TNC-HCM-EC

### COMMUNICATION MASTER FOR UP TO 2 TNC-EASYCONTROL CONTROLS

- Without screen, external display via HTML5 (current browser)
- Factory installed TROXNETCOM Basic user software
- Interface for connection to a building management system (BMS) via Ethernet with the protocols Modbus/TCP (server/slave) and BACnet/IP
- For sending status messages of all dampers and smoke detectors to the building management system
- Certified BACnet implementation (BTL)
- BACnet configuration as EPICS and EDE files
- CAN controller interface (Controller Area Network) for up to 2 controls TNC-EASYCONTROL
- USB-A port for data backups and software updates
- 24 V DC supply, 1.25 A
- Remote diagnosis (TCP/IP) can be enabled
- For installation in control cabinet with fixing bracket

### Product description



#### Application

- External display with browser (HTML5):
- For visualisation and operation via web server
- Communication master for up to 2 TNC-EASYCONTROL controls
- Modbus/TCP and BACnet/IP interface for connection to building management systems (BMS) without additional project planning effort
- With pre-installed TROXNETCOM Basic user software

#### Order code

TNC-HCM-EC Communication master without screen; with controller interface, based on CAN

## TECHNICAL INFORMATION

Screen	without
RAM	1 GB (max. 4 GB) DDR3
Ethernet	2 × ETH, RJ45
Casing material	Metal
Connection	Push-in spring type terminal, 1.5 mm² max.
Installation	Horizontal
IEC protection class	IP20
Certification	CE, RoHS
Current consumption	24 V DC operation: ≤ 500 mA, power on: ≤ 1.25 A
Operating temperature range	0 °C – +50 °C
Communication interfaces	2 × Ethernet, RJ45, 2 × USB-A
Video interfaces	1 × Micro-HDMI
Switches and LEDs	5 diagnosis LEDs
Interface for TNC-EASYCONTROL	2 × CAN

This specification text describes the general properties of the product. Texts for variants can be generated with our Easy Product Finder design program.

### Specification text

Communication master for visualisation and operation via webserver. Communication master for up to 20 AS-i controllers TNCA1412 as controller network Ethernet.

- Without screen
- Interfaces: Modbus/TCP and BACnet/IP for connection to a building management system (BMS) without additional project planning effort
- CAN controller interface (Controller Area Network) for up to 2 controls TNC-EASYCONTROL
- With pre-installed TROXNETCOM Basic user software for control and display of the system statuses
- Automatic functional test, including documentation
- Real time clock
- Ethernet, USB
- Protection level: IP 20
- Supply voltage: 24 V DC
- Make: TROX GmbH or equivalent
- Type: TNC-HCM-EC