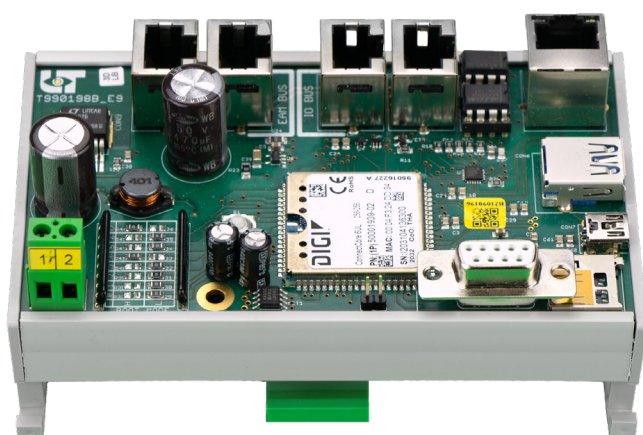244391V1-2-TF-V01-EN

MD2400 UNIVERSAL INTERFACE
FOR EXTERNAL CONNECTIONS (UDP-EWS-MODBUS)
- Art. 244391V1-2 -

DATASHEET

- Universal interface for connexion to a building management system via UDP or Modbus or for connecting to the MD2400 Embedded Web Server for graphics software (EWS).
- Supply voltage: 12Vdc to 28.5Vdc (nominal 24Vdc).
- Current consumption: 65mA@24Vdc.
- Peak consumption: up to 85mA;
- Dimensions (H x W x D) : 76 x 127 x 50 mm (excluding Ethernet connector).

✔ SUITABLE FOR : ❘ MD2400L ❘ MD2400 ❘

DESCRIPTION

The MD2400 universal interface for external connections provides bi-directional 10/100Mbps Ethernet communication with a building management system according to a fixed UDP or Modbus protocol or for connection to the MD2400 EWS. There is a selection option between the three available protocols. A maximum of 1 protocol can be activated per interface. The entire communication flow is monitored by 'heartbeat' and 'alive' codes.

The interface is mounted on a 35mm DIN rail and connected to the EAM or the I/O bus of the C.I.E. MD2400L or the MD2400.

UDP or EWS

At each status change of the C.I.E. MD2400L or the C.I.E. MD2400, the universal interface sends the following information to the building management system or EWS: detector status, general faults on the C.I.E., actions performed on the C.I.E., status change "Technician mode" and status change "Disabled" an/or "In test" of a detector, group or loop.

MODBUS

The building management system can request the following information from the C.I.E. MD2400L or the C.I.E. MD2400: detector status, general faults on the C.I.E., status change "Disabled" and/or "In test" of a detector, group or loop.

The building management system or the EWS graphics software can also query information such as the "Disabled" and/or "In test" status of a loop and of all detectors using the universal interface. The UDP and EWS protocol also allows retrieving analogue values, operating "Silence" and "Reset" and activating a test alarm on a detector.

Changes can be made without prior notice