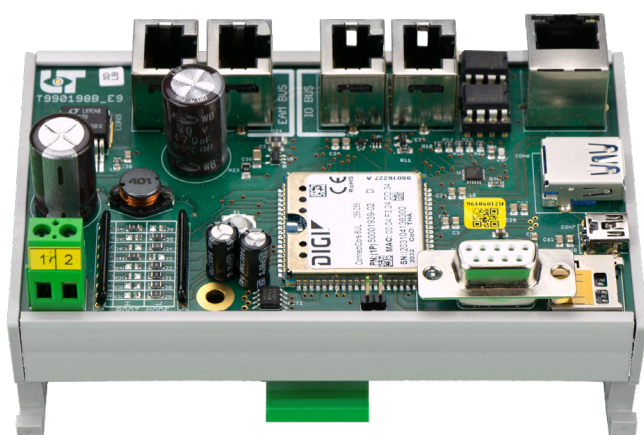# Limotec
Perfection in Detection

MD2400 UNIVERSAL INTERFACE
FOR EXTERNAL CONNECTIONS (UDP-EWS-MODBUS-SMS)
- Art. 244391V1-3 -

DATASHEET

- Universal interface for connection to a building management system via UDP or Modbus TCP/IP protocol, for connection to the MD2400 Embedded Web server for graphics software (EWS) or for sending SMS messages in combination with a GSM modem.

- 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 links provides bi-directional 10/100Mbps Ethernet communication with a building management system according to a fixed UDP protocol, a Modbus TCP/IP protocol or for connection to the MD2400 Embedded Web server for graphics software (EWS). Sending SMS messages does not require an Ethernet connection and can only be used in combination with a GSM modem (Order code MD2400 SMS generator : art 245305). There is a selection option between the four available functionalities. A maximum of 1 functionality 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 / EWS / SMS
With every status change of the C.I.E. MD2400L or the C.I.E. MD2400, the universal interface sends an information flow to the building management system (UDP), the Embedded Web Server (EWS) or an SMS to a mobile device.

MODBUS
The building management system can query statuses of the C.I.E. MD2400L or the C.I.E. MD2400.

Changes can be made without prior notice

The following information is available :

R = information available to BMS (C.I.E. ➜ BMS)
W= status can be changed by BMS (C.I.E. ⬅ BMS)

	UDP	Modbus	EWS	SMS
Status of components (Alarm, fault, ...)	R	R	R	R
General faults on the C.I.E	R	R	R	R
Reset	R/W	W	R/W	
Silence	R/W	R/W	R/W	
Evacuation	R		R	R
Status 'Out of service' and/or 'In test' of a component, group or circuit in loop form	R/W	R/W	R/W	
Status technician mode	R		R/W	
Query analogue values	R		R	
Testalarm activeren	W		W	