



### Model Number

**RTS-UP-1**

Ethernet DeviceServer

### Features

- DIN rail mountable
- Low profile housing
- Industrial protocol converter
- TCP/IP, MODBUS/TCP, EtherNet/IP, PROFINET I/O, and PROFINET Cba protocols supported
- Up to 1 Serial and 1 Ethernet devices are converted to desired industrial ethernet protocol

### Accessories

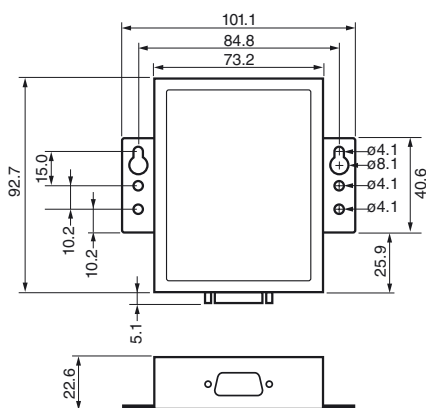
#### V45-G-10M-V45-G

Network cable RJ-45, Category 5

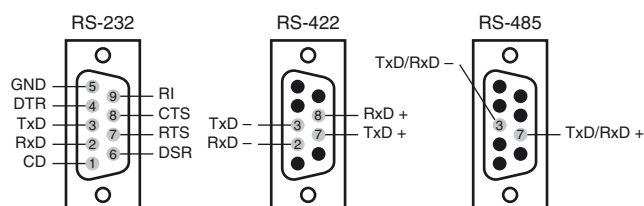
#### V45-G

Field-attachable male connector

## Dimensions



## Electrical connection



## Technical data

### General specifications

|                            |   |
|----------------------------|---|
| Description                | Connects up to 1 serial and 1 ethernet TCP/IP devices and converts them to EtherNet/IP, PROFINET, or Modbus/TCP |
| Number of read/write heads |   |

### Indicators/operating means

|              |   |
|--------------|---|
| LED Tx       | Green: Data being transmitted   |
| LED PWR      | LED solid: Has power and has completed boot cycle<br>LED blinking: booting up |
| LED Link/Act | Red: Working ethernet connection  |
| LED 100 MBit | Red: transfer rate 100 Mbits/s<br>Off: transfer rate 10 Mbit/s                |

### Electrical specifications

|                         |       |   |
|-------------------------|-------|---|
| Rated operating voltage | $U_e$ | 5 ... 30 V DC , 110 / 220 Power Supply included with delivery |
| Current consumption     |       | 500 mA @ 5 V DC   |
| Power consumption       | $P_0$ | 2.5 W   |

### Interface

|               |   |
|---------------|---|
| Connection of | Ethernet  |
| Physical      | RJ-45 connector   |
| Protocol      | SMTp<br>HTTP<br>TCP/IP<br>MODBUS/TCP<br>EtherNet/IP<br>PROFINET I/O<br>PROFINET Cba |
| Transfer rate | 10 MBit/s or 100 MBit/s   |

### Interface 1

|               |                   |
|---------------|-------------------|
| Connection of | 1 x TCP/IP device |
| Physical      | Standard Ethernet |

### Interface 2

|                |                            |
|----------------|----------------------------|
| Interface type | RS 232, RS 485, RS 422     |
| Physical       | 1 x DB9M                   |
| Protocol       | ASCII                      |
| Transfer rate  | 300 Bit/s ... 230.4 kBit/s |

### Ambient conditions

|                     |                                    |
|---------------------|------------------------------------|
| Ambient temperature | -37 ... 74 °C (-34.6 ... 165.2 °F) |
| Storage temperature | -40 ... 85 °C (-40 ... 185 °F)     |
| Climatic conditions | air humidity max. 5 ... 95 %       |

### Mechanical specifications

|                   |                 |
|-------------------|-----------------|
| Protection degree | IP20            |
| Material          |                 |
| Housing           | Stainless steel |



|              |                            |
|--------------|----------------------------|
| Installation | panel or DIN rail mounting |
| Mass         | approx. 212 g              |

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