

# Product datasheet

Specifications



## UNITELWAY Modbus communication card, 19200bps, 9 way female SUB D connector

VW3A3E303

⚠ Discontinued on: 31 Dec 2022

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### Main

|                             |                                                                                     |
|-----------------------------|-------------------------------------------------------------------------------------|
| Product or component type   | Communication card                                                                  |
| Range compatibility         | Altivar 61 Plus<br>Altivar 71 Plus                                                  |
| Communication port protocol | Uni-Telway<br>Modbus RTU<br>Modbus ASCII                                            |
| Connector type              | 9-way female SUB-D connector                                                        |
| Transmission rate           | 4800 bps<br>9600 bps<br>19200 bps                                                   |
| Type of polarization        | Two 4.7 kOhm polarization resistors<br>No polarization impedances                   |
| Physical interface          | 2-wire RS 485 for Modbus<br>4-wire RS485 for Modbus<br>2-wire RS 485 for Uni-Telway |

### Complementary

|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Number of addresses   | 1...147 for Uni-Telway<br>1...247 for Modbus                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Data format           | 7 bits, odd or even parity, 1 or 2 stop for Modbus ASCII<br>7 bits, odd or even parity, 1 or 2 stop for Modbus RTU<br>8 bits, no parity, 2 stop for Modbus RTU<br>8 bits, odd, even or no parity, 1 stop for Modbus RTU<br>8 bits, odd parity, 1 stop for Uni-Telway                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Communication service | CiA 402 profile for Modbus<br>Communication monitoring for Modbus<br>Diagnostics (08) for Modbus<br>I/O profile for Modbus<br>Mirror (FAh) for Uni-Telway<br>Protocol version (30h) for Uni-Telway<br>Read device identification (43) for Modbus<br>Read error counters (A2h) for Uni-Telway<br>Read holding registers (03) for Modbus<br>Read input registers (04) for Modbus<br>Read object (36h) for Uni-Telway<br>Read word (04h) for Uni-Telway<br>Read/write multiple registers (23) for Modbus<br>Reset counters (A4h) for Uni-Telway<br>Write multiple registers (16) for Modbus<br>Write object (37h) for Uni-Telway<br>Write single register (06) for Modbus<br>Write word (14h) for Uni-Telway<br>Identification of the card for Uni-Telway<br>Communication monitoring can be inhibited, fixed |
| Display type          | 1 LED for ERR (fault)<br>1 LED for RUN (status)<br>Graphic display terminal for control word received<br>Graphic display terminal for reference received                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

|            |        |
|------------|--------|
| Net weight | 0.3 kg |
|------------|--------|

## Packing Units

|                              |         |
|------------------------------|---------|
| Unit Type of Package 1       | PCE     |
| Number of Units in Package 1 | 1       |
| Package 1 Height             | 7.2 cm  |
| Package 1 Width              | 17.0 cm |
| Package 1 Length             | 23.5 cm |
| Package 1 Weight             | 305.0 g |

## Contractual warranty

|                      |    |
|----------------------|----|
| Warranty (in months) | 18 |
|----------------------|----|



## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

### Use Longer

| Lifetime extension |    |
|--------------------|----|
| Repair             | No |