

# VW3A3303

## Modbus ASCII communication card - 4800/9600/19200 bps



### Main

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

### Complementary

|                       |  |
|-----------------------|--|
| Number of addresses   | 1...247 for Modbus<br>1...147 for Uni-Telway   |
| Data format           | Uni-Telway - 8 bits, odd parity, 1 stop<br>Modbus RTU - 8 bits, odd, even or no parity, 1 stop<br>Modbus RTU - 8 bits, no parity, 2 stop<br>Modbus RTU - 7 bits, odd or even parity, 1 or 2 stop<br>Modbus ASCII - 7 bits, odd or even parity, 1 or 2 stop   |
| Communication service | Communication monitoring can be inhibited, fixed<br>Identification of the card (Uni-Telway)<br>Write word (14h) (Uni-Telway)<br>Write single register (06) (Modbus)<br>Write object (37h) (Uni-Telway)<br>Write multiple registers (16) (Modbus)<br>Reset counters (A4h) (Uni-Telway)<br>Read/Write multiple registers (23) (Modbus)<br>Read word (04h) (Uni-Telway)<br>Read object (36h) (Uni-Telway)<br>Read input registers (04) (Modbus)<br>Read holding registers (03) (Modbus)<br>Read error counters (A2h) (Uni-Telway)<br>Read device identification (43) (Modbus)<br>Protocol version (30h) (Uni-Telway)<br>Mirror (FAh) (Uni-Telway)<br>I/O profile (Modbus)<br>Diagnostics (08) (Modbus)<br>Communication monitoring (Modbus)<br>CiA 402 profile (Modbus) |
| Display type          | Graphic display terminal for reference received<br>Graphic display terminal for control word received<br>1 LED for RUN (status)<br>1 LED for ERR (fault)   |
| Product weight        | 0.3 kg   |

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