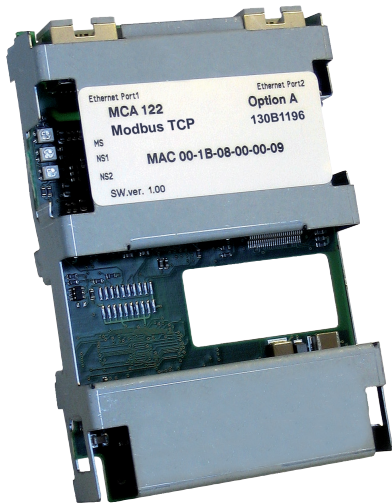


# VLT® Modbus TCP MCA 122



## High performance Modbus TCP fieldbus option for VLT® AutomationDrive, VLT® AQUA Drive and VLT® HVAC Drive.

The VLT® Modbus Option offers connectivity to Modbus TCP based networks, such as Groupe Schneider PLC system via the Modbus TCP Protocol.

The option is able to handle a single connection with an Actual Packet Interval down to 5 ms in both directions, positioning it among the fastest performing Modbus TCP devices in the market.

### Application protocols

- Modbus TCP for controlling and parameter setting
- HTTP (Hypertext Transfer Protocol) for diagnosis via built-in web server
- SMTP (Simple Mail Transfer Protocol) for e-mail notification
- DHCP (Dynamic Host Configuration Protocol) automatic IP address configuration
- FTP (File Transfer Protocol) file up- and download
- TCP/IP (legacy TCP/IP) transparent Socket Channel connection to MCT 10

### Other features:

Built-in web-server for remote diagnosis and reading out basic drive parameters.

An e-mail notifiicator can be configured for sending an e-mail message to one or several receivers, if certain warnings or alarms occur, or have cleared again.

Modbus TCP was introduced in 1998 and is today one of the most developed, proven and complete industrial Ethernet network solutions available for manufacturing automation.

Modbus TCP is a member of a family of networks that implements the Modbus protocol at its upper layers.

Modbus encompasses a suite of messages and services for a variety of manufacturing automation applications, including control, configuration and information.

As a truly media-independent protocol that is supported by hundreds of vendors around the world, Modbus TCP provides users with a unified communication architecture throughout the manufacturing enterprise.

Features	Benefits
• Connectivity to Modbus TCP based networks	• Connects to Groupe Schneider PLC systems and to various SCADA systems
• Actual Packet Interval down to 5 ms	• High performance
• Built-in web-server	• Remote diagnosis and reading out of basic drive parameters
• E-mail notifiicator	• Notifies if warnings or alarms occur
• Two Ethernet ports with built-in switch	• Simple cabling • No need for expensive switches or hubs