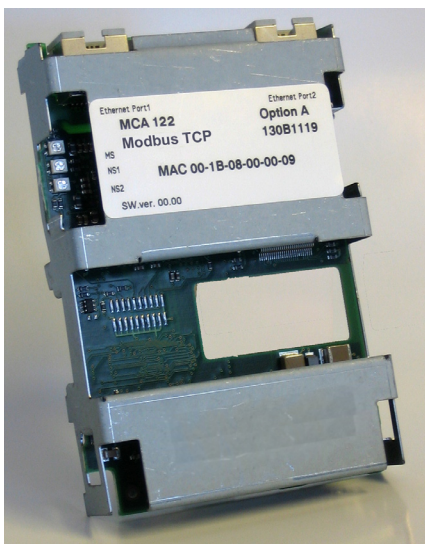




# VLT® Modbus TCP MCA122



## 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 Group 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 highest performing Modbus TCP devices in the market.

### Other features:

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

An E-mail noticator can be configured for sending an e-mail message to one or several receivers, if certain warnings or alarms occurs, or has cleared again.

Modbus TCP was introduced in 1998 and is today of the most developed, proven and complete industrial Ethernet network solution 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.

### Application protocols

- Modbus TCP for controlling and parameter setting.
- HTTP (Hypertext Transfer Protocol) for diagnosis via build-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.

Features	Benefits
• Connectivity to Modbus TCP based networks	• Connects to Group Schneider PLC systems and to various SCADA system
• Actual Packet Interval down to 5 ms	• High performance
• Build-in web-server	• Remote diagnosis and reading out basic drive parameters
• E-mail noticator	• Notifies if warnings or alarms occur