

VLT® PROFINET MCA120



Application protocols

- PROFINET 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) for automatic IP address configuration
- FTP (File Transfer Protocol) file up- and download
- TCP/IP for easy access to Drive configuration data from MCT 10

The VLT® PROFINET Option offers connectivity to PROFINET based networks via the PROFINET Protocol.

The option is able to handle a single connection with an Actual Packet Interval down to 1 ms in both directions, positioning it among the fastest performing PROFINET devices in the market.

Other features:

Built-in web server for remote diagnosis and reading out of 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 occur, or have cleared again.

PROFINET was introduced in 2003 and is today a proven and complete industrial Ethernet network solution available for manufacturing automation.

PROFINET is a member of a family of networks that implement the PROFINET protocol at its upper layers.

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

Features	Benefits
• Connectivity to PROFINET based networks	• Connects to Siemens S7, PC7 PLC systems and to various SCADA system
• Actual Packet Interval down to 1 ms	• High performance
• Built-in web server	• Remote diagnosis and reading out of basic drive parameters
• E-mail noticator	• Notifies if warnings or alarms occur
• Two Ethernet ports with built-in switch	• Simple cabling • No need for expensive switches or hubs
• Support of DCP (discovery and configuration protocol)	• Makes topology and neighbourhood recognition an IP-address assertion form PLC possible