



Features

- Modbus TCP Server
- Redundancy
- LED indicators for local diagnostic
- Rotary switches configure IP



FCM-MTCP

Field Communication Module with Modbus/TCP server

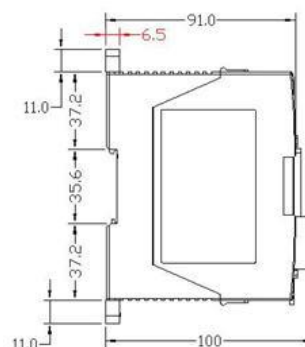
Introduction

FCM-MTCP is the communication module of the iDCS-8830 system. It supports Modbus/TCP slave function and can communicate with the PLC or controller of the Modbus/TCP master station. FCM-MTCP provides LEDs to indicate module abnormalities and Ethernet connection status, and is equipped with two rotary switches that can manually configure different FCM-MTCP system IP addresses. It also provides 3000 V_{DC} isolation between the power supply and the backplane bus, making it better able to prevent noise interference in industrial environments without affecting the other modules.

Specifications

Feature	
LAN Port	10/100BASE-TX (Auto negotiating, Auto MDIX)
Protocol	Modbus/TCP server
Redundant	Yes
LED indicators	1 Power, 2 Fault, 1 Link/Active/Speed
Isolation	3000 V _{DC}
Certification	
Emission	IEC 61000-6-4
Immunity	IEC 61000-6-2
	IEC 61000-4-3/4-4
	IEC 61000-4-6
	IEC 61000-4-9
	IEC 61000-4-10
	IEC 61000-4-12
General	
Max. Power Consumption	2.1 W
Operating Temperature	-25 ~ 75 °C
Storage Temperature	-30 ~ 80 °C
Humidity	5 ~ 95 % RH, Non-condensing
Dimensions (WxLxH)	30mm x 85mm x 115mm

Dimension (unit: mm)



LED indicators



LED	Status
HF	On : Heavy fault.
	Off : Normal.
RUN	On : Module Power On.
	Off : Module Power Off.
LF	On : Light fault.
	Off : Normal.
LNK	On : Ethernet Link Establish.
	Off : No Ethernet Link.
ACT	On : Ethernet Activity.
	Off : No Ethernet Activity.

Ordering Information

FCM-MTCP CR	Field Communication Module with Modbus/TCP server (RoHS)
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