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NETWORK SWITCH

MACH-102



MACH 102-24TP-F

Industrial ETHERNET (Gigabit) Switch.

ACA
Power ○ ○ ○ ○ RM
Status

RED 25

This module is only used in the redundant rack configuration and is needed to split single ended network users into two Ethernet access connections running PRP (Parallel Redundant Protocol)

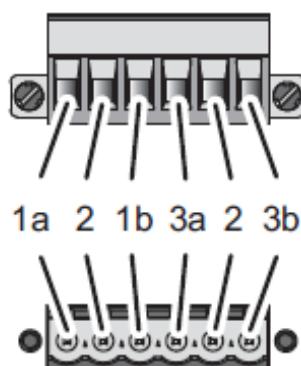


LED	Display	Color	Activity	Meaning
Power	Supply voltage	—	None	Supply voltage is too low
		Yellow	Lights up	Device variants with redundant power supply: Supply voltage 1 or 2 is on
			flashes 4 times a period	Software update is running. Maintain the power supply.
		Green	Lights up	Device variants with redundant power supply: Supply voltages 1 and 2 are on
Status	Device Status			Device variants with single power supply: Supply voltage is on
		—	None	Device is starting and/or is not ready for operation
		Green	Lights up	Device is ready for operation. Characteristics can be configured
		Red	Lights up	Device is ready for operation. Device has detected at least one error in the monitoring results
			Flashes 1 time a period	The boot parameters used when the device has been started differ from the boot parameters saved. Start the device again.
			flashes 4 times a period	Device has detected a multiple IP address

LED	Display	Color	Activity	Meaning
RM	Ring Manager	—	None	No redundancy configured
		Green	Lights up	Redundancy exists
			Flashes 1 time a period	Device is reporting an incorrect configuration of the RM function
		Yellow	Lights up	No redundancy exists
ACA	Storage medium ACA21- USB/ACA22-USB	—	None	ACA storage medium not connected
		Green	Lights up	ACA storage medium connected
			Flashes 3 times a period	Device writes to/reads from the storage medium
		Yellow	Lights up	ACA storage medium inoperative

Display	Color	Activity	Meaning
Link status	Green	None	Device detects an invalid or missing link
		Lights up	Device detects a valid link
		Flashes 1 time a period	Port is switched to stand-by
		Flashes 3 times a period	Port is switched off
Yellow	Yellow	Lights up	Device detects a non-supported SFP transceiver or a non-supported data rate
		Flashing	Device is transmitting and/or receiving data
		Flashes 1 time a period	Device detects at least one unauthorized MAC address (Port Security Violation)

Connector



- 1 Power supply connection 1

1a	24 V
1b	0 V
- 2 Connection for the signal contact
- 3 Power supply connection 2

3a	0 V
3b	24 V