

Appendix A

Hardware Technical Specifications Remote I/O Communications Module M/N 57C416

Ambient Conditions

- Storage Temperature: -40° to 185°F
 -40° to 85°C
- Operating Temperature (at the module): 32° to 140°F
 0° to 60°C
- Humidity: 5 to 95%, non-condensing
- Altitude: 1000 meters (3300 feet) without derating

Dimensions

- Height: 29.845 cm (11.75 inches)
- Width: 3.175 cm (1.25 inches)
- Depth: 18.733 cm (7.375 inches)
- Weight: 0.9 kg (2 pounds)

Maximum Power Dissipation

- 20 W

System Power Requirements

- +5 VDC 2.5 A
- +12 VDC 53 mA
- -12 VDC 7.5 mA

Communications Passive Tap M/N 57C380

Dimensions

- Height: 4.3 cm (1.7 inches)
9-pin connector extends .635 cm (0.25 inches) above tap
BNC connectors extend 1.9 cm (0.75 inches) below tap
- Width: 13.08 cm (5.15 inches)
- Depth: 6.667 cm (2.625 inches)
- Weight: 0.225 kg (0.5 pounds)

Appendix A (Continued)

AutoMax Remote I/O Shark Interface Module M/N 57C554

Ambient Conditions

- Storage Temperature: -4° to 158°F
 -20° to 70°C
- Operating Temperature (at the module): 32° to 131°F
 0° to 55°C
- Humidity: 30 to 90%, non-condensing
- Altitude: 1000 meters (3300 feet) without derating

Dimensions

- Height: 15.2 cm (6 inches)
- Width: 3.5 cm (1.4 inches)
- Depth: 10.1 cm (4 inches)
- Weight: 112 g (4 ounces)

Maximum Power Dissipation

- 2.68 W

System Power Requirements

- Channel 1: 345 mA
- Channel 2: 40 mA
- Channel 3: 0 mA

Appendix A (Continued)

AutoMax Remote I/O Head M/N 57C328 and M/N 57C330

Ambient Conditions

- Storage Temperature: -40°C to 85°C
 -40°F to 185°F
- Operating Temperature: 0°C to 60°C
 32°F to 140°F
- Humidity: 5 to 95%, non-condensing
- Altitude: 1000 meters (3300 feet) without derating

Dimensions

	Without Cables	With Cables Attached
● Height:	23.9 cm (9.40 inches)	23.9 cm (9.40 inches)
Width:	14.0 cm (5.50 inches)	14.0 cm (5.50 inches)
Depth:	19.2 cm (7.55 inches)	24.1 cm (9.50 inches)

Weight

- 2.9 kilograms (6.5 pounds)

Input Power

- 120 VAC (-15% to $+10\%$) (102-132 VAC)
- 240 VAC (-15% to $+10\%$) (204-264 VAC)

Holdup Time

- 3 Cycle

Line Frequency

- 47.5 to 63 Hz

Momentary Voltage Deviation (60 Millisecond Duration)

- 120 VAC ($\pm 30\%$) (80-150 VAC)
- 240 VAC ($\pm 30\%$) (160-300 VAC)

Maximum Load

- at 120 VAC: 0.5A
- at 240 VAC: 0.25A

Maximum Power Dissipation

- 50 W

Fuse Type

- Buss® 2 Amp, 250V, AGC, or equivalent

Ready Relay Contact Rating

- 8A, 250 VAC

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AutoMax Remote Drive Interface Head M/N 57C329

Ambient Conditions

- Storage Temperature: –40°C to 85°C
–40°F to 185°F
- Operating Temperature: 0°C to 60°C
32°F to 140°F
- Humidity: 5 to 95%, non-condensing
- Altitude: 1000 meter (3300 feet) without derating

Dimensions

	Without Cables	With Cables Attached
● Height	23.9 cm (9.40 inches)	23.9 cm (9.40 inches)
Width	14.0 cm (5.50 inches)	14.0 cm (5.50 inches)
Depth	19.2 cm (7.55 inches)	24.1 cm (9.50 inches)

Weight

- 2.9 kilograms (6.5 pounds)

Input Power

- 120 VAC (–15% to +10%) (102-132 VAC)
- 240 VAC (–15% to +10%) (204-264 VAC)

Holdup Time

- 3 Cycle

Line Frequency

- 47.5 to 63 Hz

Momentary Voltage Deviation (60 Millisecond Duration)

- 120 VAC (+30%) (80–150 VAC) * 240 VAC ($\pm 30\%$) (160-300 VAC)

Maximum Load

- at 120 VAC: 0.5A
- at 240 VAC: 0.25A

Maximum Power Dissipation

- 50 W

Fuse Type

- Buss® 2 Amp, 250V, AGC, or equivalent

Ready Relay Contact Rating

- 8A, 250 VAC

Appendix A

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Stand-Alone Fiber-Optic Transceiver M/N 57C365

Dimensions

- Height: 1.3 in (3.3 cm)
- Width: 5.19 in (13.18 cm)
- Depth: 2.35 in (5.96 cm)

Ambient Conditions

- Operating temperature: 0°C to +60°C
- Storage temperature: -40°C to +95°C
- Humidity: 5 to 95%, non-condensing
- Maximum altitude: 3300 feet (1000 meters), without derating

Fiber-Optic Interface

- Operating wavelength: 850 nm
- Allowable transmission loss: 0-13 dB (62.5 micron cable)
- Cable length: 3 to 6500 feet (1 to 2000 meters)
- Connector type: ST

Input Power

- 24 VDC, regulated (line and load regulation should not exceed 1%)

Appendix A

(Continued)

Fiber-Optic Rack with Power Supply M/N 57C368

Dimensions

- Height: 5.23 in (13.28 cm)
- Width: 19.00 in (48.26 cm)
- Depth: 9.72 in (24.68 cm)

Power Supply Input Power

- 115/230 VAC, -15% to +20%

Power Supply Fuse

- 1.25 amp

Ambient Conditions

- Operating temperature: 0°C to +60°C
- Storage temperature: -40°C to +95°C
- Humidity: 5 to 95%, non-condensing
- Maximum altitude: 3300 feet (1000 meters), without derating

Rack-Mounted Fiber-Optic Transceiver M/N 57C367

Dimensions

- Height: 5.25 in (13.34 cm)
- Width: 1.48 in (3.65 cm)
- Depth: 7.50 in (19.05 cm)

Input Power

- 14–18 VAC supplied by Fiber-Optic Rack Power Supply

All other specifications are identical to Stand-Alone Transceiver