

(6) Chinese, Japanese, and Korean languages are supported at the time of publication.

Environmental Specifications – Communication Modules

Attribute	Description
Temperature Operating Storage	-10...+50 °C (14...122 °F) -40...+85 °C (-40...+185 °F)
Relative humidity	5...95% noncondensing
Atmosphere	IMPORTANT: Do not install the module in an area where the ambient atmosphere contains volatile or corrosive gas, vapors, or dust. If the module is not going to be installed right away, store the module in an area where it is not exposed to a corrosive atmosphere.

Communication Options and Accessories Specifications

Attribute	20-750-BNETIP	20-750-CNETC	20-COMM-C	20-750-DNET	20-COMM-D	20-750-ENETR	20-COMM-E
Network Protocol Data rate	BACnet/IP 10/100 Mbps	ControlNet 5 Mbps (fixed)	ControlNet 5 Mbps	DeviceNet 125 Kbps, 250 Kbps, and 500 Kbps	DeviceNet 125 Kbps, 250 Kbps, and 500 Kbps	EtherNet/IP 10/100 Mbps, Half/Full Duplex	EtherNet/IP 10/100 Mbps, Half/Full Duplex
Drive Protocol Data rates	DPI 500 Kbps	DPI 500 Kbps	DPI 125 Kbps or 500 Kbps	DPI 500 Kbps	DPI 125 Kbps or 500 Kbps	DPI 500 Kbps	DPI 125 Kbps or 500 Kbps
Consumption Drive (DPI) Network	250 mA at 14V DC None	250 mA at 14V DC None	275 mA at 5V DC None	50 mA at 14V DC 60 mA at 24V DC	150 mA at 5V DC 60 mA at 24V DC	250 mA at 14V DC None	370 mA at 5V DC N/A
Dimensions H x L x W mm (in)	16.0 x 130.0 x 83.0 (0.63 x 5.12 x 3.27)	68.0 x 150.0 x 26.0 (2.70 x 5.90 x 1.00)	16.0 x 103.0 x 80.0 (0.63 x 4.00 x 3.13)	68.0 x 150.0 x 26.0 (2.70 x 5.90 x 1.00)	19.0 x 86.0 x 78.5 (0.75 x 3.39 x 3.09)	68.0 x 150.0 x 26.0 (2.70 x 5.90 x 1.00)	19.0 x 86.0 x 78.5 (0.75 x 3.39 x 3.09)
Weight g (oz)	60 (2.0)	62 (2.1)	85 (3.0)	62 (2.1)	85 (3.0)	62 (2.1)	85 (3.0)
Compliance UL C-UL CE C-Tick	UL508C CAN/CSA C22.2 No. 14 EN61800-3 EN61800-3	UL508C CAN/CSA C22.2 No. 14 EN61800-3 EN61800-3	UL508C CAN/CSA C22.2 No. 14 EN61800-5-1, EN61800-3 EN61800-3	UL508C CAN/CSA C22.2 No. 14 EN61800-3 EN61800-3	UL508C CAN/CSA C22.2 No. 14 EN61800-5-1, EN61800-3 EN61800-3	UL508C CAN/CSA C22.2 No. 14 EN61800-3 EN61800-3	UL508C CAN/CSA C22.2 No. 14 EN61800-5-1, EN61800-3 EN61800-3

Communication Options and Accessories Specifications (continued)

Attribute	20-COMM-H	20-COMM-K	20-COMM-L	20-COMM-M	20-750-PBUS	20-750-PNET 20-750-PNET2P	20-COMM-P
Network Protocol Data rate	Modbus RTU, Metasys N2, or Siemens P1 FLN RTU: 4800...38400 bps N2: 9600 bps P1: 4800 bps or 9600 bps	CANopen 10 Kbps...1 Mbps	LonWorks 78 Kbps	Modbus/TCP 10/100 Mbps, Half/Full Duplex	PROFIBUS 9600 bps...12 Mbps (autobauds)	Profinet 10/100 Mbps	PROFIBUS 10 Kbps...12 Mbps
Drive Protocol Data rates	DPI 125 Kbps or 500 Kbps	DPI 125 Kbps or 500 Kbps	DPI 125 Kbps or 500 Kbps	DPI 125 Kbps or 500 Kbps	DPI 500 Kbps	DPI 500 Kbps	DPI 125 Kbps or 500 Kbps
Consumption Drive (DPI) Network	150 mA at 5V DC N/A	500 mA at 5V DC None	200 mA on DPI N/A	350 mA at 5V DC N/A	250 mA at 14V DC None	250 mA at 14V DC None	370 mA at 5V DC N/A