Network Interface Modules

An I/O Network Interface Unit connects VersaPoint I/O modules to a host PLC or computer via a variety of networks, which makes it easy to include VersaPoint I/O in PROFIBUS-DP, Ethernet or DeviceNet installations. Together, the NIU is capable of handling up to 63 modules in one node.

	IC220PNS001	IC220PNS002	IC220EBI001	IC220PBI002	IC220DBI001
Product Name	Profinet Network Interface Unit with 2 Copper Ports	Profinet Network Interface Unit with 2 Fiber Ports	Ethernet TCP/IP Advanced Network Interface Unit - 10/100 Base-T(X) - PCP Support	PROFIBUS-DP Network Interface Unit	DeviceNet Network Interface Unit
Lifecycle Status	Active	Active	Active	Active	Active
Protocol	PROFINET IO	PROFINET IO	Modbus TCP	PROFIBUS DP (V1)	DeviceNet Slave
Data Rate	100 Mbps	100 Mbps	10/100 Base-T(X)	Up to 12Mbits per second	Up to 500 Kbaud
Serial Communications Support	None	None	Yes	Yes	Yes
Firmware Upgrade	No	No	Yes	No	No
Nominal Power Input Voltage	24 VDC	24 VDC	24 VDC	24 VDC	24 VDC
Power Voltage Range	19.2 - 30 VDC	19.2 - 30 VDC	19.2 - 30 VDC	19.2 - 30 VDC	19.2 - 30 VDC
Current for Local Bus UL	0.8 Amp	0.8 Amp	2 Amp	2 Amp	2 Amp
Current for Local Bus UA (ma)	500 mA	500 mA	500 mA	500 mA	500 mA
Maximum Supported Modules	63 (including on-board IO)	63 (including on-board IO)	63	63	63
Digital Inputs	8 @ 24 VDC	8 @ 24 VDC	-	-	-
Digital Outputs	4 @ 24VDC	4 @ 24VDC	-	-	-
Power In	8 Amp maximum	8 Amp maximum	8 Amp maximum	8 Amp maximum	8 Amp maximum
LED Indicators	Bus diagnostics and status indication of voltage	Bus diagnostics and status indication of voltage	Bus diagnostics and status indication of voltage	Bus diagnostics and status indication of voltage	Bus diagnostics and status indication of voltage
Numeric LCD Display	None	None	Yes	None	None
Web Support	None	None	Web Pages SNMP XML Data Monitoring	None	None
Required Terminal Strip	Included	Included	(1) IC220TBK082 (Contains 10 strips)	(1) IC220TBK087 (Contains 10 strips)	(1) IC220TBK201 (Contains 10 strips)
Dimensions (W x H x D)	80 mm x 119.8 mm x 71.5 mm (3.149 in. x 4.717 in. x 2.814 in.)	80 mm x 119.8 mm x 71.5 mm (3.149 in. x 4.717 in. x 2.814 in.)	90 mm x 72 mm x 116 mm (3.543 in. x 2.835 in. x 4.567 in.)	91 mm x 120 mm x 71.5 mm (2.874 in. x 4.724 in. x 2.795 in.)	48.8 mm x 120 mm x 71.5 mm (1.92 in. x 4.72 in. x 2.82 in.)