

Network Interface Modules



Network Interface Modules allow a VersaMax PLC to operate as a master or slave on a network. Modules currently available support DeviceNet master or slave communications and PROFIBUS-DP slave communications. An AS-i master communications is also available.

	IC200BEM002	IC200BEM003	IC200CHS006
Product Name	PLC Network Communications PROFIBUS-DP (Slave). Requires IC200CHS006 Communications Carrier.	PLC Network Communications PROFIBUS-DP (Master). Requires IC200CHS006 Communications Carrier.	VersaMax I/O, Local Communications Carrier (Supports IC200BEMxxx Modules)
Lifecycle Status	Active	Active	Active
Number of Stations	32 without repeaters; up to 125 with repeaters	125 PROFIBUS DP Slave devices	N/A
I/O Data	384 Bytes maximum; up to 244 bytes of inputs or 244 bytes of outputs	With a VersaMax CPUx05 CPU: A maximum of 3584 bytes of input data and 3584 bytes of output data With a VersaMax PROFINET Network Slave: A maximum of 1440 bytes of input data and 1440 bytes of output data With either CPU or PNS head end, a maximum of 244 bytes of input data and 244 bytes of output data for each slave.	N/A
Network Data Rate	9.6 Kbaud to 12 Mbaud	9.6 Kbaud to 12 Mbaud	N/A
Network Topology	Linear bus, terminated at both ends. Stubs are possible	Linear bus, terminated at both ends. Stubs are possible.	N/A
Transmission Media	Shielded, twisted pair cable	Shielded, twisted pair cable	N/A
Connector	9-pin D-sub connector	9-pin D-sub connector	N/A
Number of Nodes	N/A	N/A	N/A
User Diagnostic Data	N/A	Slave Status Bit Array Table, Firmware Module Revision, Slave Diagnostic Address	N/A
Power Consumption	460 mA maximum from 5 V output, 5 mA from +3.3 V output	450 mA maximum from 5 V output, 5 mA from +3.3 V output	N/A
Dimensions (W x H x D)	110 mm (4.3 in) x 66.8 mm (2.63 in) x 50 mm (1.956 in), not including the height of the carrier or the mating connectors	110 mm (4.3 in) x 66.8 mm (2.63 in) x 50 mm (1.956 in), not including the height of the carrier or the mating connectors	66.8 mm (2.63 in) x 133.4 mm (5.25 in) x 70 mm (2.75 in), not including the height of DIN-rail