Communications Modules

PACSystems features a variety of communications options for distributed control and/or I/O, supporting a wide range of communication protocols and configurations. These communication modules are easy to install and quick to configure. Some distributed I/O communications modules allow for numerous remote drops or additional racks, while others provide an interface for GE products up to 7500 feet away from the controller.

	IC698RMX016	IC698CMX016	IC698ETM001
Product Name	**Redundancy Memory Xchange Module**	**Control Memory Xchange Module**	**RX7i Standalone Ethernet Module 10/100**
Lifecycle Status	Active	Active	Active
Module Type	Redundancy Communications (High Availability)	Control Memory Xchange	Ethernet Controller
Supports Redundancy	Yes	No	No
Protocols Supported	N/A	N/A	N/A
Effective Data Rate	2.12 gigabaud	2.12 gigabaud	N/A
Electrical Isolation	Non-isolated differential communication	Non-isolated differential communication	N/A
Communications Processor Speed	N/A	N/A	N/A
Simultaneous Communication Speed	N/A	N/A	N/A
Individual Communication Speed	N/A	N/A	N/A
Reflective Memory Available	16 Mbytes	16 Mbytes	N/A
Distance Between Nodes	Up to 300 meters	Up to 300 meters	N/A
Access Time	400 ns (worst-case), 200 ns (best-case)	400 ns (worst-case), 200 ns (best-case)	N/A
Transfer Rate	6.2 Mbyte/s without redundant transfer, 3.2 Mbyte/s with redundant transfer	6.2 Mbyte/s without redundant transfer, 3.2 Mbyte/s with redundant transfer	N/A
Cable Requirements	Connector (LC type, conforms to IEC61754-20) Cable (ST Type Fiber-Optic Multimode; 62.5 Micron core)	Connector (LC type, conforms to IEC61754-20) Cable (ST Type Fiber-Optic Multimode; 62.5 Micron core)	N/A
Built-in Serial Ports	None	None	2 Twisted pair 10 Base T/100 Base TX RJ-45
Current Required from 5V Bus	1.2 Amps	1.2 Amps	N/A