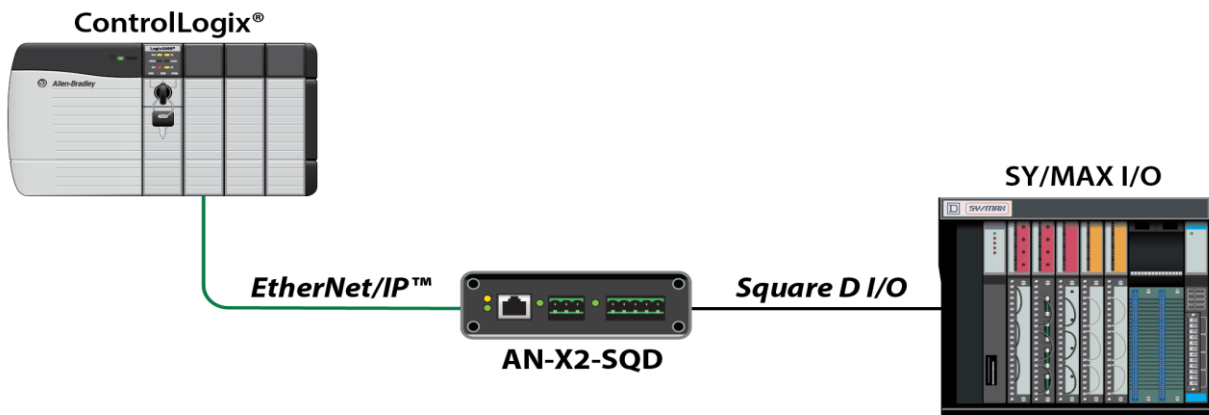


DATASHEET

EtherNet/IP™ to Square D® Remote I/O Gateway AN-X2-SQD

The EtherNet/IP™ to Square D® Remote I/O gateway allows an Allen-Bradley® Programmable Automation Controller (PAC) to control Square D® Remote I/O devices. The gateway minimizes the extended downtime required for upgrading legacy SY/MAX control systems by allowing a phased migration. Once the new PAC is commissioned, the legacy I/O can be upgraded one module or one rack at a time as scheduled downtime is available.



Features

- ◆ The auto configuration feature maps your existing Square D® Remote I/O points into the PAC controller tags allowing for simplified integration and reduced configuration time. The gateway also supports offline configuration through a .CSV file
- ◆ EtherNet/IP™ diagnostic data can be mapped into PAC memory making it available directly to an HMI or SCADA system reducing troubleshooting time
- ◆ Transfers Square D I/O data via EtherNet/IP™ I/O connections for real-time control
- ◆ Multiple EtherNet/IP™ IO connections allow you to set different RPIs for I/O data and diagnostic data, allowing you to optimize your Ethernet bandwidth
- ◆ MicroSD card is used for storing configuration files for disaster recovery

Supported Modules

Device Type	Input Length	Output Length	Description
0x82	0	4	ROM121 4 OUT ANLG
0x84	0	4	ROM122 4 OUT ANLG
0x8A	4	12	ROM131 STEP CNTRLR
0x8E	0	16	ROM141 MPLX OUT BCD
0xA0	0	1	ROM221 16 OUT AC
0xA1	0	2	ROM441 32 OUT DC
0xA5	0	1	ROM421 16 OUT AC
0xAD	0	4	ROM871 64 OUT RELAY
0xAF	0	1	ROM271 16 OUT RELAY
0xBF	0	2	ROM441 32 OUT DC (BF)
0xC1	16	0	RIM121 4/16 IN ANLG
0xC3	8	0	RIM123 8 IN HS ANLG
0xC6	16	0	RIM144 MPLX IN BCD
0xC7	10	2	RIM126 8 IN ANLG TC
0xC8	4	12	RIM131 HS COUNTER
0xCD	14	2	RIM127 12 IN RTD
0xD5	2	0	RIM331 32 IN DC (D5)
0xE0	1	0	RIM101 16 IN AC/DC
0xE1	2	0	RIM331 32 IN DC
0xE3	1	0	SIM116 16 IN SIM
0xE4	1	0	RIM301 16 IN AC
0xED	4	0	RIM731 64 IN AC/DC

Hardware Specifications

Specification	Description
Ports	1 RJ45 10/100 Mbps Ethernet port 1 Phoenix 5-pin Square D bus connector 1 Phoenix 3-pin power connector
Typical Power Consumption	200 mA @ 12 VDC or 100 mA @ 24 VDC
Maximum Power Dissipation	2.4 W
Operating Temperature	32°F to 122°F (0 °C to 50 °C)
Storage Temperature	-40°F to 185°F (-40 °C to 85 °C)
Dimensions (W x D x H)	4.18 x 4.97 x 1.33 in 107 x 126 x 34 mm
Humidity	5% to 95% RH, with no condensation

Regulatory Approvals

Visit our web site at www.prosoft-technology.com for current approval information.



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Ordering Information

To order this product, please use the following:

EtherNet/IP™ to Square D™ Remote I/O gateway

AN-X2-SQD

To place an order, please contact your local ProSoft Technology distributor. For a list of ProSoft Technology distributors near you, go to: www.prosoft-technology.com and select *Where to Buy* from the menu.

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