

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Find the *Schneider Electric / Gould / AEG AS-J890-001* at our website: *Click HERE*

800-Series I/O Fact Sheet

AEG

Discrete Input Modules

Model	Voltage Range	Number of Inputs	Number Per Common	I/O Power Required (mA) +5.0V	+4.3V	-5.0V	Required Addressing Disc. I/O	Reg. I/O	Required Connector
B807-032	115 VAC	32	8	80	2	0	32 / 0	0 / 0	AS-8535-000
B805-016	115 VAC	16	8	40	1	14	16 / 0	0 / 0	AS-8534-000
B817-116	115 VAC	16	1	25	25	8	16 / 0	0 / 0	AS-8535-000
B803-008	115 VAC	8	1	27	1	2	8 / 0	0 / 0	AS-8534-000
B809-016	230 VAC	16	8	42	1	15	16 / 0	0 / 0	AS-8534-000
B817-216	230 VAC	16	1	25	25	8	16 / 0	0 / 0	AS-8535-000
B827-032	24 VDC (TH)	32	32	30	1	0	32 / 0	0 / 0	AS-8535-000
B825-016	24 VDC (TH)	16	8	27	2	0	16 / 0	0 / 0	AS-8534-000
B833-016	24 VDC (TL)	16	8	27	2	0	16 / 0	0 / 0	AS-8534-000
B881-001	24 VDC (LATCH)	16	16	21	1	0	0 / 0	1 / 1	AS-8534-000
B821-008	10-60 VDC (TH)	8	2	27	1	0	8 / 0	0 / 0	AS-8534-000
B837-016	24 VAC/DC	16	8	40	1	15	16 / 0	0 / 0	AS-8534-000
B849-016	48 VAC/DC	16	8	40	1	15	16 / 0	0 / 0	AS-8534-000
B853-016	115 VAC/125 VDC	16	8	40	1	15	16 / 0	0 / 0	AS-8534-000
B829-116	5 V TTL	16	16	20	1	0	16 / 0	0 / 0	AS-8534-000
B865-001	TTL Register	8 CH.	8	400	600	0	0 / 0	8 / 0	AS-8535-000
B855-016	12 VDC Intr. Safe	16	16	80	1	1	16 / 0	0 / 0	AS-8535-000

Discrete Output Modules

Model	Voltage Range	No. of Outputs	No. Per Common	Output Current Capability Amps per Point	Amps per Group	Amps per Module	I/O Power Req'd. (mA) +5.0V	+4.3V	-5.0V	Req'd. Addressing Disc. I/O	Reg. I/O	Required Connector
B806-032	115 VAC	32	16	1	8	16	210	1	0	0 / 32	0 / 0	AS-8535-000
B804-016	115 VAC	16	8	2	6	12	76	480	0	0 / 16	0 / 0	AS-8534-000
B810-008	115 VAC	8	1	2	2	12	50	240	0	0 / 8	0 / 0	AS-8534-000
B802-008	115 VAC	8	2	2	6	12	76	240	0	0 / 8	0 / 0	AS-8534-000
B808-016	230 VAC	16	8	2	6	12	76	480	0	0 / 16	0 / 0	AS-8534-000
B838-032	24 VDC (TH)	32	8	5	4	12	160	1	0	0 / 32	0 / 0	AS-8535-000
B826-032	24 VDC (TH)	32	32	25	8	8	50	1	0	0 / 32	0 / 0	AS-8535-000
B824-016	24 VDC (TH)	16	8	2	6	12	32	260	0	0 / 16	0 / 0	AS-8534-000
B832-016	24 VDC (TL)	16	8	—	—	—	32	235	0	0 / 16	0 / 0	AS-8534-000
B820-008	10-60 VDC (TH)	8	2	2	6	12	90	80	0	0 / 8	0 / 0	AS-8534-000
B836-016	12-250 VDC	16	1	2	2	8	50	603	0	0 / 16	0 / 0	AS-8535-000
B814-108	Relay (NO/NC)	8	1	4/5	4/5	32/40	107	800	0	0 / 8	0 / 0	AS-8534-000
B840-108	Reed Relay (NO/NC)	8	1	2	2	16	67	400	0	0 / 8	0 / 0	AS-8534-000
B828-016	5 V TTL	16	16	—	—	—	32	220	0	0 / 16	0 / 0	AS-8534-000
B864-001	TTL Register	8 CH.	8	—	—	—	220	180	0	0 / 0	0 / 8	AS-8535-000

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

Analog Input Modules

Model	Description and Application Range	Number Channels	I/O Power Required (mA) +5.0V	+4.3V	-5.0V	Required Addressing Disc. I/O	Reg. I/O	Required Connector
B875-102	Fast A/D: 4-20mA; ±10V; ±5V; 0-10V; 0-5V; 1-5V	8	650	975	0	0 / 0	8 / 0	Included
B875-002	A/D: 4-20mA; 1-5V	8	300	300	0	0 / 0	8 / 0	Included
B873-002	A/D: 4-20mA; 1-5V	4	300	300	0	0 / 0	4 / 0	Included
B875-012	A/D: -10V TO +10V	8	300	300	0	0 / 0	8 / 0	Included
B873-012	A/D: -10V TO +10V	4	300	300	0	0 / 0	4 / 0	Included
B883-200	Thermocouple: Type B,E,J,K,R,S,T,N or linear mV	10	300	0	0	0 / 0	3 / 3	Included
B883-201	RTD: American or European 100 OHM Platinum	8	400	5	0	0 / 0	3 / 3	Included
B846-001	Analog Multiplexer: 16 Voltage Inputs, 1 Output	16	65	1	0	0 / 0	0 / 1	AS-8535-000
B846-002	Analog Multiplexer: 16 Current Inputs, 1 Output	16	65	1	0	0 / 0	0 / 1	AS-8535-000

Analog Output Modules

Model	Description and Application Range	Number Channels	I/O Power Required (mA) +5.0V	+4.3V	-5.0V	Required Addressing Disc. I/O	Reg. I/O	Required Connector
B872-002	D/A: 4-20mA, 1-5V	4	430	10	0	0 / 0	0 / 4	Included
B872-011	D/A: ±10V, ±5V, 0-10V, 0-5V	4	240	750	0	0 / 0	0 / 4	Included

Intelligent Modules

Model	Description		I/O Power Required (mA) +5.0V	+4.3V	-5.0V	Required Addressing Disc. I/O	Reg. I/O	Required Connector
B882-239	High Speed Counter, 2 Up-Counters, 0-30kHz		188	0	0	0 / 0	2 / 2	Included
B883-001	High Speed Counter, 2 Up/Down, 0-50kHz, Internal Clock		680	0	0	0 / 0	3 / 3	Included
B883-101	CAM Emulator, Absolute Encoder Input, 8 Discrete Out		1000	0	0	0 / 0	3 / 3	Included
B883-111	CAM Emulator With Velocity Compensation		1000	0	0	0 / 0	3 / 3	Included
B884-002	PID: 2 Loops, Cascadable, Standalone, 11 Total I/O		50	0	0	0 / 0	4 / 4	Included
B885-002	ASCII/BASIC, 64K RAM, 2 RS232/422 Ports	RS422 Mode	500	1760	0	0 / 0	6 / 6	Included
		RS232 Mode	400	1000	0	0 / 0	6 / 6	Included
B984-100	Discrete High Speed Logic Solver 16 in, 8 out		0	0	0	0 / 0	4-8 / 4-8	Included

800 I/O Power Supplies

Model	Description	Voltage	Required Housing	Required Slots	I/O Power Available (mA) +5.0V	+4.3V	-5.0V
P884-001	Remote Primary and Secondary	120/220 VAC	H8XX-100/103/107	1.5	5000	10100	500
P802-001	Remote Primary and Secondary	24 VDC	H8XX-100/103/107	1.5	2500	10100	500
P810-000	Remote Primary and Secondary	120/220 VAC	H8XX-100/103/107	1.5	5000	5000	300
984-68x/78x	Internal Supply for Local I/O	120/220 VAC, 24 VDC	H8XX-209	1.5	8000	6000	500 (1)
984-38x/48x	Internal Supply for Local I/O	120/220 VAC, 24 VDC	H8XX-209	1	3000	3000	250 (2)
P890/892	Internal Supply for Remote I/O	120/220 VAC, 24 VDC	H8XX-209	1	3000	3000	250 (2)

(1) Total Maximum = 8000 mA

(2) Total Maximum = 3000 mA

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

800 I/O Remote Processors and Interfaces

Model	Description	Required Housings	Required Slots
S908-110	Remote I/O Processor For 984-68x/78x Controller, Single Cable	H8XX-209	1 (3) (6)
S908-120	Remote I/O Processor for 984-68x/78x Controller, Dual Cable	H8XX-209	1 (3) (6)
D908-110	Distributed Control Processor for 984-68x/78x Controller, Single Cable	H8XX-209	1 (3) (6)
D908-120	Distributed Control Processor for 984-68x/78x Controller, Dual Cable	H8XX-209	1 (3) (6)
J890-001	Remote I/O Interface for S908, Single Cable	H8XX-103/107	1.5 (4)
J890-002	Remote I/O Interface for S908, Dual Cable	H8XX-103/107	1.5 (4)
J892-001	Remote I/O Interface for S908, Single Cable, 2 ASCII Ports	H8XX-103/107	1.5 (4)
J892-002	Remote I/O Interface for S908, Dual Cable, 2 ASCII Ports	H8XX-103/107	1.5 (4)
P890-000	Remote I/O Interface for S908, 3 AMP Power Supply, Single Cable	H8XX-209	1
P892-000	Remote I/O Interface for S908, 3 AMP Power Supply, Single Cable, 2 ASCII Ports	H8XX-209	1
J810-000	Remote I/O Interface for S901, Single Cable	H8XX-103/107	1.5 (5)
J812-000	Remote I/O Interface for S901, Single Cable, 2 ASCII Ports	H8XX-103/107	1.5 (5)

(3) Requires 1500 mA from +5.0V of 984-68x/78x
(4) Requires 120 mA from -5.0V of Power Supply
(5) Requires 100 mA from -5.0V of Power Supply
(6) Must reside within slots 3-7 of H8xx-209 Housing

800 I/O Housings

Model	Description	Length	Available I/O Slots
H819-209	Primary for 984-38x, 48x, 68x/78x; S908, P89x, and I/O	19 Inches	6 (38x, 48x), 5 (68x/78x), 4 (68x/78x W/ S908)
H827-209	Primary for 984-38x, 48x, 68x/78x; S908, P89x, and I/O	27 Inches	10 (38x, 48x), 9 (68x/78x), 8 (68x/78x W/ S908)
H819-103	Primary for Remote I/O Interface, Power Supply and I/O	19 Inches	4 (W/ Receiver & P.S.)
H827-103	Primary for Remote I/O Interface, Power Supply and I/O	27 Inches	8 (W/ Receiver & P.S.)
H819-100	Secondary Rack, Power Supply and I/O Only	19 Inches	5 (W/ P.S.), 7 (No P.S.)
H827-100	Secondary Rack, Power Supply and I/O Only	27 Inches	9 (W/ P.S.), 11 (No P.S.)

800 I/O Cables

Model	Description	Available Lengths 1.5 FT	5.0 FT	6.0 FT	8.0 FT	12.0 FT
W801-XXX	I/O Signal Cable Between Racks at a Local or Remote Drop	-002		-006		-012
W808-XXX	I/O Power Extender Cable to Additional Rack Without Power Supply	-002	-006		-008	N/A
W802-XXX	I/O Power Extender Cable to Additional Rack Without Power Supply	N/A		N/A		-012
W804-XXX	I/O Power Extender Cable to Additional Rack With Power Supply	-002	-006			-012
W929-XXX	Local I/O Cable for The 984X	N/A		-006		-012

Modicon, Inc.
One High Street, North Andover, MA 01845
Telephone (508) 794-0800
For additional information, please call 1-800-848-8828

MC-0800-001 Rev. F 25M6/90NP Printed in U.S.A.

This literature is subject to change without notice. It does not necessarily reflect all aspects of the product or service, their performance or applications. Modicon is not responsible for any errors or omissions in this presentation.

Modicon is a registered trademark of Modicon, Inc.

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP