

Ordering Information

To build a functional 8900 controller, choose the base unit, power module, and input/output (I/O) module. Additional outputs and relays are available, if needed.

Model 8900

Ordering Notes

- 1) Building a functional unit requires a base unit, I/O module, and power module.
- 2) Output options are available on I/O modules and additional output modules can be used. The 8900 can support up to four outputs.
- 3) The 8900 can support up to eight relays. Up to two internal relay modules can be used simultaneously; additional external relays can also be used.
- 4) A maximum total of two frequency sensors can be used with any input card.
- 5) A total of six digit inputs or four digital inputs with two frequency inputs can be used.
- 6) The 8900 boards are field replaceable.
- 7) The 8900 can be reconfigured with new sensor types by simple reprogramming.

Base Units, Required; Choose One		
3-8900	159 000 868	Base unit with back-lit LCD
I/O (input/output) Modules, Required; Choose One		
3-8900.401-1	159 000 870	Dual (2) Input (no outputs)
3-8900.401-2	159 000 871	Dual (2) Input with Two Passive* Loop Outputs
3-8900.401-3	159 000 872	Dual (2) Input with Two Active Loop Outputs
3-8900.401-4	159 000 873	Dual (2) Input with Two Voltage Outputs
3-8900.401-5	159 000 874	Quad (4) Input (no outputs)
3-8900.401-6	159 000 875	Quad (4) Input with Two Passive* Loop Outputs
3-8900.401-7	159 000 876	Quad (4) Input with Two Active Loop Outputs
3-8900.401-8	159 000 877	Quad (4) Input with Two Voltage Outputs
3-8900.401-9	159 000 968	Six Inputs (no outputs)
3-8900.401-10	159 000 969	Six Inputs with Two Passive* Loop Outputs
3-8900.401-11	159 000 970	Six Inputs with Two Active Loop Outputs
3-8900.401-12	159 000 971	Six Inputs with Two Voltage Outputs
Power Modules, Required; Choose One		
3-8900.402-1	159 000 878	110/220 VAC Power Module, ±10%, regulated
3-8900.402-2	159 000 879	12 to 24 VDC Power Module, ±10%, regulated
Optional Output Modules - Choose One		
3-8900.405-1	159 000 883	Two Passive* Current Loop Outputs
3-8900.405-2	159 000 884	Two Active Current Loop Outputs
3-8900.405-3	159 000 885	Two 0 to 5 and/or 0 to 10 VDC Outputs
Optional Relay Modules - Choose One or Two		
3-8900.403-1	159 000 880	Two Dry Contact Relays
3-8900.403-2	159 000 881	Two Solid State Relays
Optional External Relays - Choose One**		
3-8059-2	159 000 770	Two dry-contact relays; requires 12 to 24 VDC ±10%, regulated
3-8059-2AC	159 000 771	Two dry-contact relays; requires 100 to 240 VAC ±10%, regulated; supplies power to the 12 to 24 VDC power module, ±10%, regulated
3-8059-4	159 000 772	Four dry-contact relays; requires 12 to 24 VDC ±10%, regulated
3-8059-4AC	159 000 773	Four dry-contact relays; requires 100 to 240 VAC ±10%, regulated; supplies power to the 12 to 24VDC ±10%, regulated power host device

* Passive outputs require an external power source

** See individual product page for the 8059 External Relay Modules.

Accessories and Replacement Parts

Mfr. Part No.	Code	Description
Mounting		
3-8050.392	159 000 640	¼ DIN retrofit adapter
3-8050.395	159 000 186	Splashproof rear cover
3-0000.596-1	159 000 892	¼ DIN wall mount bracket, 6½ in. (use if no rear cover is installed)
3-0000.596-2	159 000 893	¼ DIN wall mount bracket, 9 in. (use if rear cover is installed)
3-5000.399	198 840 224	Panel adapter, 5 x 5 in. to ¼ DIN
3-5000.598	198 840 225	Surface mount bracket
Power Supplies		
7300-7524	159 000 687	24 VDC power supply 7.5W, 300 mA
7300-1524	159 000 688	24 VDC power supply 15W, 600 mA
7300-3024	159 000 689	24 VDC power supply 30W, 1.3 A
7300-5024	159 000 690	24 VDC power supply 50W, 2.1 A
7300-1024	159 000 691	24 VDC power supply 100W, 4.2 A
Miscellaneous		
3-8050.396	159 000 617	RC filter kit (for relay use), 2 per kit

Please refer to Wiring, Installation, and Accessories sections for more information.