Introducing

FL1B Series IDEC SmartRelay with Expansion Modules

- *4 different expansion modules*
- *Control voltages: 12V DC, 24V DC, 100-240V AC/DC*
- *48 maximum I/O points with expansion modules*
- *FL1A IDEC SmartRelay modules do NOT support expansion*
- *FM approved for use in Class 1–Div. 2 hazardous locations*
- *UL listed, CSA certified, and CE marked*
- *Download WindLGC demo at http://www.idec.com/usa/html/ prodsupport_downloads.html*
- *See part numbers on reverse*

IDEC announces an upgrade to the IDEC SmartRelay series. Now there are expansion I/O units available to enhance this universal logic module and create an even more customized control and monitoring solution.

The IDEC SmartRelay FL1B series fills the need for a small, flexible control and monitoring device. Each base CPU module has 12 built-in I/O points (8 in, 4 out), a real-time clock and calendar, and some models also feature an on-board display and keypad. These CPUs are replacing older models from series FL1A, which are not expandable.

There are four available expansion modules: three combination I/O modules with 4 input and 4 output points, and a 2-point analog input module (0-10V, 0-20mA). A maximum of 16 extra inputs and 12 extra digital outputs can be added to the CPU, as well as 8 analog inputs for a total of 48 I/O points; the maximum number of expansion modules is four combination modules and four analog modules.

IDEC also offers an updated version of WindLGC programming software. WindLGC 3.0 is required to program systems with expansion modules. Registered users can download the upgrade from our website.

For more information about the IDEC SmartRelay, call IDEC today.

**For more information,
contact your local IDEC representative
or visit us on the web at**

www.idec.com

IDEC SmartRelay Part Numbers

New Part Number	Total I/Os	Input (Digital)	Input (Digital/ Analog)	Output (Relay)	RTC*	Power	LCD Display	FL1A Series Old Part Number
CPU Modules								
FL1B-H12SND	12	8	2	4 (Tr) **	—	24 VDC	YES	*FL1A-H12SND*
FL1B-H12RCE	12	8	2	4	YES	12/24 VDC	YES	*FL1A-H12RCE*
FL1B-H12RCC	12	8	—	4	YES	100-240 VAC/DC	YES	*FL1A-H10RCB*
FL1B-H12RCA	12	8	—	4	YES	24 VAC	YES	*FL1A-H10RCA*
FL1B-B12RCE	12	8	2	4	YES	12/24 VDC	NO	*FL1A-B12RCE*
FL1B-B12RCA	12	8	—	4	YES	24 VAC	NO	*FL1A-B10RCA*
FL1B-B12RCC	12	8	—	4	YES	100-240 VAC/DC	NO	*FL1A-B10RCB*
* Real Time Clock **Transistor Output								
Expansion Modules								
FL1B-M08B1S2	8	4	—	4 (Tr) **	—	24 VDC	—	*N/A*
FL1B-M08B2R2	8	4	—	4	—	12/24 VDC	—	*N/A*
FL1B-M08C2R2	8	4	—	4	—	100-240 VAC/DC	—	*N/A*
FL1B-J2B2	2	—	2 (Analog)	—	—	12/24 VDC	—	*N/A*
Accessories								
FL1A-PM1	Yellow Memory Cartridge							*SAME*
FL1A-PM2	Red Memory Cartridge with copy protection							*SAME*
FL1A-PC1	Interface Cable (PC to IDEC SmartRelay)							*SAME*
FL9Y-LP1CDW	WindLGC software version 3.0							*SAME*
FL1B SmartStart Packages								
SMARTSTART-BDC-B	Starter Kit: FL1B-B12RCE, WindLGC ver. 3, cable, user manual							
SMARTSTART-BAC-B	Starter Kit: FL1B-B12RCC, WindLGC ver. 3, cable, user manual							
SMARTSTART-HDC-B	Starter Kit: FL1B-H12RCE, WindLGC ver. 3, cable, user manual							
SMARTSTART-HAC-B	Starter Kit: FL1B-H12RCC, WindLGC ver. 3, cable, user manual							