



SmartRelay FL1D Series

The FL1A SmartRelay has many functions like timers, counters, latching relays and calendar/clock Instructions. The SmartRelay can be Programmed from the front buttons and LCD Display or use the convenient programme software Windlec which can operate in function block or ladder logic format, simulate your user programme, save it and print it out as a document are possible with Windlec.



Relay

Inputs		Outputs		Real-time clock	Supply Voltage	Part No.	Price Each
Digital	Analog	Relay	Transistor				
6	2	-	4	Yes	24VDC	FL1D H12SND	£89.00
6	2	4	-	Yes	12/24VDC	FL1D H12RCE	£93.00
8	-	4	-	Yes	24VAC	FL1D H12RCA	£93.00
8	-	4	-	Yes	100-240VAC	FL1D H12RCB	£93.00
6	2	4	-	-	12-24VDC	FL1D B12RCE	£76.00
8	-	4	-	-	24VAC	FL1D B12RCA	£76.00
8	-	4	-	-	100-240VAC	FL1D B12RCB	£76.00

Accessories

Description	Part No.	Price Each
Software (Windows 95/98 & NT)	FL9Y LP1CDW	£39.00
Cable (SmartRelay to PC)	FL1B PC1	£53.00
SmartRelay User Manual	FL9Y B827	£25.00
Memory module Red (EEPROM)	FL1C PM3	£14.00
SmartRelay programming kit (Software, cable, manual)	PROG SR	£114.00



LOGO! Programmable Relays

Logo programmable relays are available with relay or transistor outputs, making the range suitable for most applications.

- Flexible options at the press of a key
- 36 different functions can be connected at a click of a button or by means of PC Software.
- User Friendly and simple duplication of the control program by means of an optional program module

Relay

Inputs Digital	Outputs		Supply Voltage	LCD Display & Keyboard	Real-time Clock	Part No.	Price Each
	Relay	Transistor					
6	4	-	24VAC/VDC	-	-	6ED1 052 1CC00 0BA5	£89.00
6	4	-	110-230VAC	-	-	6ED1 052 2CC00 0BA5	£72.00
6	4	-	12VDC	Yes	Yes	6ED1 052 1MD00 0BA5	£93.00
6	-	4	24VDC	Yes	-	6ED1 052 2MD00 0BA5	£76.00
6	4	-	24VAC/VDC	Yes	Yes	6ED1 052 1HB00 0BA5	£93.00
6	4	-	110-230VAC	Yes	Yes	6ED1 052 2HB00 0BA5	£76.00
12	8	-	12VDC	Yes	Yes	6ED1 052 1FB00 0BA5	£93.00
12	-	8	24VDC	Yes	-	6ED1 052 2FB00 0BA5	£76.00



Zelio Logic smart relay

The New compact Zelio programmable relay from Telemecanique provides a solution for the control of small-automated systems, such as machines and building automation, with the flexibility of powerful control functions and the ability to change or modify the program if the application requirements change.

Designed to be user friendly allowing programming and operation to be completed with ease, either directly from the module using the keypad and LCD display, or via the windows based software.

The software includes programming languages such as ladder logic and a powerful simulation tool which enables programmes to be fully tested before downloading to the module.

Features

- User friendly programming and operation using both keypad and LCD display or via windows based software
- Software includes ladder logic programming language and a powerful program simulator
- Available with either 10 or 20 I/O with or without real time clock
- Supply options 12VDC, 24VDC, 24VAC or 100-240VAC with analogue inputs available on some DC modules
- Large character display makes viewing easy
- Password protection
- 4 additional "Z" keys can be configured to act as pushbuttons
- 8 four digit counters (0-9999)
- 8 timers with a choice of 8 different configurations and adjustable from 10ms to 100hrs
- 15 Internal flags
- Depending on model: 4 weekly clocks
8 comparison blocks for 0-10V for analogue inputs



Smart relays

Number of I/O	Discrete inputs	Outputs	Supply Voltage	Clock	Remanence function	Part No.	Price Each
12	8	4 O relay	12VDC	Yes	Yes	SR1 B121JD	£85.00
10	6	4 O relay	24VDC	-	-	SR1 A101BD	£72.00
12	8	4O relay	24VDC	Yes	Yes	SR1 B121BD	£81.00
		4 S transistor	24VDC	Yes	Yes	SR1 B122BD	£72.00
20	12	8 O relay	24VDC	-	-	SR1 A201BD	£105.00
		8 S relay	24VDC	Yes	Yes	SR1 B201BD	£120.00
10	6	4 O relay	24VAC	Yes	Yes	SR1 B101B	£81.00
20	12	8 O relay	24VAC	Yes	Yes	SR1 B201B	£125.00
10	6	4 O relay	100/240VAC	-	-	SR1 A101FU	£72.00
				Yes	Yes	SR1 B101FU	£81.00
20	12	8 O relay	100/240VAC	-	-	SR1 A201FU	£110.00
				Yes	Yes	SR1 B201FU	£125.00

- Programmed using Windows based software Zelio Soft
- Provides security of program
- Reduced cost

Smart relays without LCD display & programming keys

Number of I/O	Discrete inputs	Outputs	Supply Voltage	Clock	Remanence function	Part No.	Price Each
10	6	4 O relay	24VDC	-	-	SR1 D101BD	£55.00
12	8	4 O relay	24VDC	Yes	Yes	SR1 E121BD	£65.00
10	6	4 O relay	100/240VAC	-	-	SR1 D101FU	£55.00
				Yes	Yes	SR1 E101FU	£65.00

Starter packs

Number of I/O	Supply Voltage	Description	Part No.	Price Each
12	24VDC	An SR1 B121BD smart relay, "Zelio Soft" software & connecting cable	SR1 PACKBD	£90.00
20	24VDC	An SR1 B201BD, smart relay, "Zelio Soft" software & connecting cable	SR1 PACK2BD	£130.00
10	100/240VAC	An SR1 B101FU, smart relay, "Zelio Soft" software & connecting cable	SR1 PACKFU	£90.00
20	100/240VAC	An SR1 B201FU, smart relay, "Zelio Soft" software & connecting cable	SR1 PACK2FU	£130.00

Accessories

Power supply

Input voltage	Nominal output voltage	Nominal output current	Part No.	Price Each
100...240V	12VDC	1.9 A	ABL 7RM1202	£45.00
47...63 Hz	24VDC	1.4 A	ABL 7RM2401	£45.00

Separate components

Description	Part No.	Price Each
EPROM 1K back-up memory	SR1 MEM01	£10.00

Zelio Soft software for PC

Description	Part No.	Price Each
Smart relay-PC connecting cable length 1.8 m	SR1 CBL01	£42.00
Kit comprising "Zelio Soft" programming software and a cable	SR1 KIT01	£47.00
Zelio Soft multi-language programming software for PC (with Windows based software)	SR1 SFT01	£10.00
Zelio Soft software for Pocket PC		
Connecting cable between SUB-D-9 connector on the Pocket PC and the smart relay	SR1 CBL02	£42.00
Programming software for Pocket PC (also contains Zelio Soft multi-language software for PC)	SR1 SFT02	£15.00

Other versions

Description	Part No.	Price Each
Communication interface	SR1 COM01	£TBA



Zelio software