	Order Code	1+	Price Each 5+	10+
LOGO! Starterbox	**309-6488**			

Intelligent Relays
Easy

MOELLER Ⓐ Ⓜ

Dimensions
71.5 90 53

- Intelligent - all-round product for switching and control
- Uses keystrokes to make classic wiring diagrams
- Clear function layout
- 20 standard functions conbined in one unit
- Menu driven
- Password function to enable selective access
- Five language menu: English, French, German, Italian and Spanish

Functions Include
- 8 timers, each 0 to 100hrs, (each is multifunction)
- 4 Real Time clocks (on RC versions)
- 8 up/down counters
- 8 Inputs/4 outputs (2 inputs can be used as analogue on DC versions)
- 8 impulse relays
- 8 Comparators
- 16 Internal relays

EASY 412-AC-R	115-230V AC
EASY412-AC-RC	115-230V AC with Real Time Clock
EASY 412-DC-R	24V DC
EASY 412-DC-RC	24V DC with Real Time Clock
EASYSOFT (Software)	Software Package
EASY PC CABLE (2M)	2M cable for connection to PC

Mftrs List No.	Order Code	1+	Price Each 5+	10+
EASY 412-AC-R	**222-203**			
EASY 412-AC-RC	**222-215**			
EASY 412-DC-R	**222-185**			
EASY 412-DC-RC	**222-197**			
EASYSOFT (Software)	**222-227**			
EASY PC CABLE (2M)	**222-240**			
Programming Manual	**320-3475**			
Programming Guide	**320-3487**			

Alpha Logic Controllers

MITSUBISHI

The α series controller is a powerful, low cost controller designed to provide simple supervisory control around the factory, home, office etc. Features included in the α include Real Time Clock, High Current Switching Relays, Analogue Inputs and 100 Hours Memory Backup. The main feature, however, is the ease of use of the software. The Windows based package makes it the easiest way to program a controller for any level user.

Features Include:
- Alpha-numeric display – 4 lines of 10 characters
- All program functions adjustable via the front panel
- 20 I/O units can be used as slaves in AS-I networks
- EEPROM to store alternative programs or data
- Cable to connect to PC or modem for loading/downloading cables
- Function block programming software – 64 functions
- On-line monitoring
- Programming wizards

Supply Voltage	I/O	Mftrs. List No.	Order Code	1+	Price Each 5+	10+
Controllers						
100-240V ac	4 In/2 Out	AL-6MR-A	**312-4745**			
100-240V ac	6 In/4 Out	AL-10MR-A	**314-2814**			
24V dc	6 In/4 Out	AL-10MR-D	**314-2826**			
100-240V ac	12 In/8 Out	AL-20MR-A	**329-8840**			
24V dc	12 In/8 Out	AL-20MR-A	**329-8851**			
Accessories						
Cable		AL-232CAB	**314-2838**			
EEPROM		AL-EEPROM	**312-4757**			
Software		ALVLS	**314-2840**			

Mitsubishi PLCs

FXON-Micro
Base Units

MITSUBISHI

- Incorporates all the powerful features of the FXO, with expansion capability
- Programming can be achieved by using GPP/WIN software (329-9963) and Hand-held programmer (276-315)

Standard Features include:
- High speed, 3.6μs per logic instruction
- 2000 step EEPROM memory
- Built-in RUN/STOP switch
- 2 built-in analogue adjustment potentiometers
- Built-in 24Vdc supply (200mA)
- 64 timers (100ms, 10ms, 1ms unit versions)
- 48 standard counters (latched, unlatched)
- 256 data registers (further 128 latched)
- 32 bit arithmetic (10 digit numbers)
- I/O bus connection for extending upto 128 I/O

Advance Features include:
- 4 built-in combined 5kHz high speed counters (configurable 2 off AB phase bi-direction)
- Analogue extension capability
- RS232C user-defined communications interface option
- Real-time clock cassette option
- Scan independent high speed outputs
- Step ladder sequence for data table manipulation

Supply voltage	100 to 200Vac +10% - 15% or 24Vdc +10% - 15%
Supply for sensors	24Vdc, 100mA (ac version only)
Inputs	24Vdc, 7mA opto-isolated (sink/source configurable)
Outputs	Volt free relays, rated 2A@250Vac or 30Vdc

Description	External Dimensions H	W	D	Mftrs. List No.	Order Code
14 in, 10 out, ac powered	90	135	87	FXON-24MR-ES	774-420
24 in, 16 out, ac powered	90	150	87	FXON-40MR-ES	774-431
36 in, 24 out, ac powered	90	185	87	FXON-60MR-ES	774-443
16 in, 8 out, dc powered	90	135	87	FXON-24MR-DS	774-455
24 in, 16 out, dc powered	90	150	87	FXON-40MR-DS	774-467
36 in, 24 out, dc powered	90	185	87	FXON-60MR-DS	774-479

	Order Code	1+	2+	Price Each 5+	10+	20+
AC Supply						
24 I/O	**774-420**					
40 I/O	**774-431**					
60 I/O	**774-443**					
DC Supply						
24 I/O	**774-455**					
40 I/O	**774-467**					
60 I/O	**774-479**					

Extension Unit

MITSUBISHI

H = 90, W = 150, D = 87

- Increases I/O capacity of base unit. Connected by ribbon cable (supplied)
- Also provides 24Vdc supply for further expansion blocks
- Extension cable is used for connecting extension unit to base unit

Supply voltage	100-240Vac, 50-60Hz	Number of inputs	24
Inputs	24Vdc (sink/source configurable)	Number of outputs	16
Outputs	Voltage free relays, rated 2A @ 240Vac or 30Vdc		

Type	Mftrs. List No.	Order Code	1+	2+	Price Each 5+	10+	20+
40I/O	FXON-40ER-ES	**774-480**					
Ext. Cable	FXON-65EC	**774-560**					

continued

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855

Industrial Computing & PLC's