

48 X 96mm

Features:

- Compact PLC with Built-in HMI
- Configurable LED Display
- Software for Ladder Programming and HMI Configuration

Display

7 Segment LED Display

3 + 4 Digits Red, 4 Digits Green Digits No. of keys 5 Keys (4 - User Configurable)

Input Specifications

Digital Input

No of Digital Inputs 10 PNP Input Type

Input Voltage Range 11 - 28V DC (cbs. max. : 30V DC)

Response Time

Programmable upto 1 to 255ms from Front End (Default 10ms; Also depends on

Ladder Execution Time)

2.5kV Isolation

Output Specifications

Digital Output - Relay

No of Outputs

Contact Rating NO type: 3A resistive@230V AC

5A resistive@230V AC

Isolation 2.5kV

Functional Specifications

Programming Method Window based Software for Ladder Programming and HMI Configuration

Data Memory: 16 KB

Code Memory: 223 KB

Max. no. of Object 5000 (As per memory)

Minumum Scan Time 200µsec Typical Scan Time 1ms

Communication

Memory

Communication Ports	RS485 port [slave]
Communication Protocol	MODBUS RTU

Functional Features

Timer Operational Modes On Delay, Off Delay, Pulse,

Special [Up / Down] Timer, 1ms Timer

Timer Resolution 1ms (Accurate only for 1msec Timer block) Timer Display Format Sec, Min, Hr, Day, Min.Sec, Hr.Min, Day.Hr

Up Counter, Down Counter, UP / Down

Counter, Special Up Down Counter

Memory Retention 10 years (4KB)

RTC No

*Usage Limited to 4 nos.

Supply Voltage

Counter

180 - 270V AC, 50Hz Supply Voltage

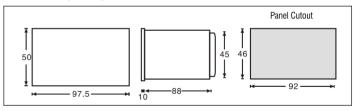
Environmental Specifications

Temperature Operating: 0 to 50°C : -20 to 60°C

Storage

Humidity (non - condensing) 95% RH Weight 258mgs

Dimensions (in mm)



Terminal Connections

MM1015 - 230V 19 18 17 16 15 14 13 12 **I**1 10 1 2 3 4 5 6 8 9 10 24 22 +24V RS485 + 21 23 GND RS485 -11 12 13 14 15 16 17 18 19 20 NO0 NO1 NO2 NO3 NO4 NO5 COM L(+) N(-)

Ordering Information

Product Code	Description	Certification
MM1015-230V	PLC - 10DI, 6RO & 230VAC	C € RoHS in Process

Accessories (To be ordered separately)

Downloading cable	AC - USB - RS485 - 02
Window - based Software for Ladder Programming	ACD-005
Power Supplies	RP-2M-1.1A-24VDC-CE-RoHS
	RPS60-24-CE-RoHS
	RPS120-24-CE-RoHS
	RPS240-24-CE-RoHS
Relay modules	
1) RLYMD-1-S4-1CO-24VDC	4 Channel 1 change over relay module
2) RLYMD-1-S4-2CO-24VDC	4 Channel 2 change over relay module
3) RLYMD-2-S8-1CO-24VDC	8 Channel 1 change over relay module
4) RLYMD-2-S8-2CO-24VDC	8 Channel 2 change over relay module
5) ERLYMD-2-1-S8-1CO -24VDC	8 Channel 1 change over communication based relay module
Converters	
USB to RS485 (with wire)	AC-USB-RS485-03 AC-IOEXP-03

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