MASTER CLOCKS MC SERIES

RING BELLS - CONTROL CLOCK SYSTEMS



MC4181LV

LOW COST, EASY SOLUTIONS TO FIT ANY SIZE SYSTEM. Ideal for Schools, Hospitals, Factories

Corrects all major analog and digital secondary clocks, including AE Series RS232 Clocks and CC2000 Series.

Multi-Zone, Multi-Schedule - Four and Eight Circuit models provide Annual Programming with up to 100 events per day.

Non-Volitile Memory - Keeps time and program for indefinite power outages.

Automatic Daylight Savings Time and Leap Year Correction.

Heavy Duty Relays rated at 48 VAC - 15 AMP

Rack Mount, Wall Mount and Compact Wall Mount units are available in Four and Eight Circuit (Zone) versions.

Options available for some models, including:

Built-In AC and DC Power Supplies for driving secondary clocks and bells.

Connectors and Wiring Harnesses.

RS232 I/O for remote PC programming using MCPROGRAMMING Software and for driving AE and CC Series RS232 Clock Displays

120 VAC - 50 Hz, 220 VAC- 60 Hz or 220 VAC- 50 Hz operation. (24 VAC - 60 HZ is standard on most models)



MC4181N



MC81LV



MC41LV



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MC SERIES MASTER CLOCKS

The MC Series Master Clocks are available in various configurations depending on the type of enclosure and the number of relay outputs required. All have the same powerful operating program which provides up to 100 events per day, Annual Programming and keyboard selectable, secondary clock correction. Correction for most analog and digital secondary clocks, including three-wire synchronous, minute impulse, bi-polar minute impulse and all Midnight synchronized digital clocks is built-in. In addition, an optional RS232 Output driver can be added to the MC4181 and MC4181N versions for driving ATS AE and CC Series Large Digital clocks with the RS232 input.

Models available:



MC41LV Master Clock with 4 SPDT Relay Outputs. Compact, Wall Mount Enclosure - 4.75" W x 8" H x 2" D. Standard power - 24 VAC, 60 Hz. Terminal block is provided for all field wiring.



MC41-091 Master Clock with 4 SPDT Relay Outputs. This model includes a Built-In 24 VDC .5 Amp power supply for driving secondary clocks. Compact, Wall Mount Enclosure - 4.75" W x 8" H x 3.2" D. Standard power - 120 VAC 60 Hz. A power cord is included. Terminal block is provided for field wiring.

MC81LV - Master Clock with 8 SPDT Relay Outputs. Compact, Wall Mount Enclosure - 4.75" W x 8" H x 3.2" D. Standard power - 24 VAC, 60 Hz. Two connectors with 48" mating harnesses are provided for field wiring.



MC4181LV Rack Mount Master Clock with 8 SPDT Relay Outputs and an RS232 I/O Interface for remote PC programming and control using MCPROGRAMMING Software (included).

Rack Mount Enclosure - 19" W x 3.5" H x 9" D. Fits a standard 19 inch equipment rack. Standard power - 12 VAC, 60 Hz. A 120 VAC to 12 VAC power module is included. Terminal blocks are provided on the back panel for field wiring.



MC4181N-4 Master Clock with 4 SPDT Relay Outputs. Large Wall Mount Enclosure measures 12" W x 16" H x 4.5" D. Conduit knockouts are provided on all sides, top, bottom and back. Standard power - 120 VAC 60 Hz. Terminal blocks are provided for all field wiring.

MC4181N-8 Master Clock with 8 SPDT Relay Outputs. Large Wall Mount Enclosure measures 12" W x 16" H x 4.5" D. Conduit knockouts are provided on all sides, top, bottom and back. Standard power - 120 VAC 60 Hz. Terminal blocks are provided for all field wiring.

Popular Options for the MC4181N Models Only

MC-OPT-011 Built-In 24 VAC, 2 Amp Transformer MC-OPT-012 Built-In 24 VDC, 2 Amp Power Supply for driving secondary clocks and bells. Built-In 24 VDC, 2 Amp Power Supply for driving secondary clocks.

MC-OPT-014

Built-In 24 VDC, 1/2 Amp Power Supply for driving secondary clocks.

MC-OPT-354

RS232 I/O Interface for AE & CC2000 Series RS232 Clock Displays and remote PC programming

MC-OPT-427 GPS Time Reference Input.

RS232 Clock Displays and remote PC programming using MC Programming Software .

RS232 Clock Displays and remote PC programming software .

MC-OPT-PWR Power options are available for 120 or 220 For additional options refer to the Prices and Options Catalog VAC and 50 or 60 Hz. Contact the factory.



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