



Energy Division

# M Series Elapsed Time or Hours Run Meters

Elapsed time meters (ETM) or hours-run meters monitor “ON/RUN” time of plant and equipment, allowing the user to effectively control production efficiency, cost estimation and service period monitoring for preventative maintenance. Time is measured in increments of 0.01h up to 99999.99 hours after which the meter automatically resets to zero. Meters are non resettable before this time to prevent accidental resetting.

Specifications

**AC**

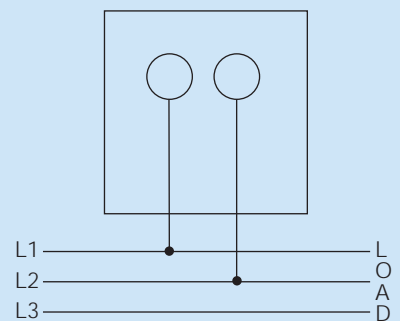
Display	99999.99
Voltage	100-125V ac
	200-250V ac
	380-440V ac
Frequency	50 or 60Hz
Operating temperature	-25C to +80C
IP protection	IP40
Burden	1VA (100-25V ac)
	2VA (200-250V ac)
	3.5VA (380-440V ac)

**DC**

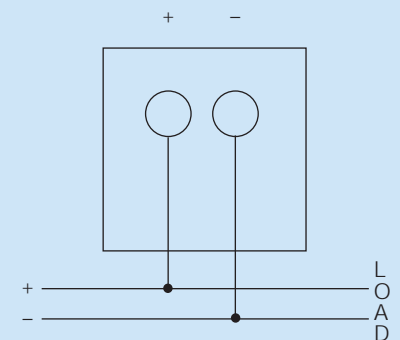
Display	99999.99
Voltage	12-36V dc
	10-80V dc
	110V dc
Operating temperature	-20C to +70C
IP protection	IP40
Burden	0.5VA (12-36V dc)
	1VA (10-80V dc)
	1.5VA (110V dc)

Connections

**Elapsed Time/Hours Run Meters ac**



**Elapsed Time/Hours Run Meters dc**



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**Product Codes M100 Series**

Bezel Size mm Product codes	48	72	96
100-125V ac 50Hz	M242-155-G-PL-ZH-C5	M243-155-G-PL-ZH-C5	M244-155-G-PL-ZH-C5
200-250V ac 50Hz	M242-155-G-RN-ZH-C5	M243-155-G-RN-ZH-C5	M244-155-G-RN-ZH-C5
380-440V ac 50Hz	M242-155-G-RY-ZH-C5	M243-155-G-RY-ZH-C5	M244-155-G-RY-ZH-C5
100-125V ac 60Hz	M242-156-G-PL-ZH-C6	M243-156-G-PL-ZH-C6	M244-156-G-PL-ZH-C6
200-250V ac 60Hz	M242-156-G-RN-ZH-C6	M243-156-G-RN-ZH-C6	M244-156-G-RN-ZH-C6
380-440V ac 60Hz	M242-156-G-RY-ZH-C6	M243-156-G-RY-ZH-C6	M244-156-G-RY-ZH-C6
12-36V dc	M242-157-G-BU-ZH-DC	M243-157-G-BU-ZH-DC	M244-157-G-BU-ZH-DC
10-80V dc	M242-157-G-NR-ZH-DC	M243-157-G-NR-ZH-DC	M244-157-G-NR-ZH-DC
110V dc	M242-157-G-PM-ZH-DC	M243-157-G-PM-ZH-DC	M244-157-G-PM-ZH-DC

**Product Codes M200 Series**

Bezel Size mm Product codes	48
100-125V ac 60Hz	M242-256-G-PL-ZH-C6
200-250V ac 60Hz	M242-256-G-RN-ZH-C6
380-440V ac 60Hz	M242-256-G-RY-ZH-C6



All of the above information, including drawings, illustrations and graphic designs, reflects our present understanding and is to the best of our knowledge and belief correct and reliable. Users, however, should independently evaluate the suitability of each product for the desired application. Under no circumstances does this constitute an assurance of any particular quality or performance. Such an assurance is only provided in the context of our product specifications or explicit contractual arrangements. Our liability for these products is set forth in our standard terms and conditions of sale. TE logo and Tyco Electronics are trademarks. CROMPTON is a trademark of Crompton Parkinson Ltd. and is used by Tyco Electronics under licence.

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