

<p>Fig. 1</p> <p>Panel Cutout: .87" x 1.77" 22.10mm x 44.96mm</p> <p>DPM125 LCD Legacy Series</p> <p>The DPM125 features auto-zero, auto-polarity, 200mV-2V-20V fsr, 12.5mm digit height, low battery indication and selectable decimal points. The meter will plug directly into a 12-pin SIL socket or can be panel mounted using snap-in bezel provided.</p>	<p>Fig. 2</p> <p>Panel Cutout: 1.06" x 2.24" 26.92mm x 56.90mm</p> <p>DPM500 LCD Legacy Series</p> <p>The DPM500 features auto-zero, auto-polarity, 200mV-2V-20V fsr, 12.5mm digit height, adjustable low battery indication, selectable decimal points and 10 user-selected annunciators. The meter will plug into a 40-pin DIL socket or can be panel mounted using snap-in bezel provided.</p>	<p>Fig. 3</p> <p>Panel Cutout: 1.26" x 2.44" 32.00mm x 61.98mm External Bezel</p> <p>DPM600 LCD Legacy Series</p> <p>The DPM600 features auto-zero, auto-polarity, 200mV-2V-20V fsr, 12.5mm digit height, adjustable low battery indication, selectable decimal points and 12 user-selected annunciators. The meter has 36 pins for PCB mounting or can be panel mounted with optional bezel (p/n MB10).</p>	<p>Fig. 4</p> <p>Panel Cutout: 1.3" x 2.68" 33.02mm x 68.07mm</p> <p>DPM2000 LCD Legacy Series</p> <p>The DPM2000 features auto-zero, auto-polarity, 200mV-2V-20V fsr, 15mm digit height, adjustable low battery indication, selectable decimal points and 12 user-selected annunciators. The meter will plug into a 40-pin DIL socket or can be panel mounted using snap-in bezel provided.</p>	<p>Fig. 5</p> <p>Panel Cutout: 1.3" x 2.68" 33.02mm x 68.07mm</p> <p>DPM40 LED Series</p> <p>The DPM40 features auto-zero, auto-polarity, 200mV-2V-20V fsr, 11mm LED digit height and selectable decimal points. The meter is supplied with a bezel and filter to give a high contrast display.</p>
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Fig.	Supply	Input	Digi-Key Part No.	1	5	10	Martel Part No.
1	7.5 - 15	200mV	227-1007-ND	68.94	65.50	62.05	DPM125
	7.5 - 15	200mV	227-1008-ND	82.24	78.13	74.02	DPM125L
2	7.5 - 15	20V	227-1011-ND	94.16	89.46	84.75	DPM500-20
	3.6 - 6.5	2V	227-1016-ND	94.16	89.46	84.75	DPM500S-2
	3.6 - 6.5	20V	227-1017-ND	97.66	92.78	87.90	DPM500S-20
3	5 - 15	20V	227-1023-ND	82.06	77.96	73.86	DPM600-20
	5 - 15	200mV	227-1027-ND	79.96	75.97	71.97	DPM2000
4	5 - 15	2V	227-1028-ND	79.96	75.97	71.97	DPM2000-2
	5 - 15	20V	227-1029-ND	79.96	75.97	71.97	DPM2000-20
	5	200mV	227-1030-ND	97.66	92.78	87.90	DPM40

◆ RoHS Compliant

CRAMER COMPANY
Precision Timers and Motion Devices

Hour Meters

The Cramer line of ETIs (Elapsed Time Indicators) are used to record the amount of "on-time" operation for industrial and commercial grade equipment. Resettable and Non-resettable versions are available either in round or square bezel, displayed in tenths of an hour.

Applications: • Indicating, monitoring and recording a process where the time used is required • Recording "on-time" usage of machinery for billing purposes • Preventative maintenance for machinery or equipment

Features: • Large, easy-to-read numbers • Rugged design • Continuous duty • Tamper proof • Permanently lubricated • Square or round bezel

Specifications: • Power Consumption: 2.7 watts • Working Voltage: 110VAC/115VAC • Electrical Connections: 6' leads, 22 gauge wire • Operating Temperature: -20°C - 55°C • Mounting: Front panel • Agency Approval: UL, CSA

Description	Digi-Key Part No.	1	50	Cramer Part No.
Round Bezel, 0 - 99.9K hours, 115VAC, Non-resettable	CRA214-ND	35.93	31.40	28.37
Round Bezel, 0 - 9.9K hours, 115VAC, Resettable	CRA216-ND	75.37	65.86	59.51
Square Bezel, 0 - 99.9K hours, 110VAC, Non-resettable	CRA215-ND	35.93	31.40	28.37
Square Bezel, 0 - 9.9K hours, 115VAC, Resettable	CRA217-ND	75.37	65.86	59.51

Honeywell HOBBS **Hour Meters**



Dimensions in Inches (mm)

The 98000 Series LCD Hour Meters: Provides a large easy-to-read display in a conventional size package. Specifications: • Operating Temperature: -40°C - 85°C • Operating Voltage: 9 - 64VDC • 6 digit display • Digit Height: 6mm

The 20000 Series Deluxe Hour Meters: Totally sealed and benefits from an uncommon design which integrates the motor and frame into one substructure. Specifications: • Operating Temperature: -54°C - 68°C • Number Size: 3mm • UL Listed • CSA Certified

The 82000 Series Dichron Hour Meters: Meter must be moisture resistant when submerged in water at 150°F for 3 minutes. Specifications: • Operating Voltage: 10 - 80VDC

Fig.	No. of Terminals	Dimensions Inch (mm)		Digi-Key Part No.	1	50	100	Honeywell Part No.
98000 Series - LCD Hour Meters								
1	2	2.1 (52.12)	1.18 (30.07)	700-1003-ND NEW!	29.75	21.57	20.83	098203 99
				700-1004-ND NEW!	28.70	20.81	20.09	098204 99
2	3	1.60 (40.6)	1.08 (27.4)	480-2069-ND	32.03	23.41	23.00	098311 57
				480-2070-ND	48.53	37.82	33.26	098321 94
				480-2068-ND	46.31	35.28	33.60	098301 94
3	3	1.25 (31.8)	2.13 (54.1)	480-2066-ND	34.73	25.18	24.32	098313 12
				480-2067-ND	34.62	25.10	24.24	098323 81
				480-2065-ND	36.68	26.81	26.34	098303 92
4	3	2.27 (57.7)	2.00 (50.8)	480-2072-ND	37.91	27.71	27.22	098312 03
				480-2073-ND	41.01	29.74	28.71	098322 93
				480-2071-ND	42.07	31.01	30.45	098302 93
5	4	1.26 (32.0)	.712 (18.08)	480-2064-ND	13.61	9.22	8.83	098750 100
				700-1000-ND	14.60	9.96	9.63	098755 100
20000 Series - Deluxe Hour Meters								
6	2	1.60 (40.6)	1.08 (27.4)	480-2080-ND	32.67	23.88	23.46	020116 23
7	2	1.398 (35.5)	1.02 (25.9)	480-2078-ND	31.47	23.00	22.60	020001 17
8	2	2.19 (55.6)	2.70 (68.6)	480-2079-ND	32.90	24.05	23.63	020017 14
82000 Series - Dichron Hour Meters								
6	2	1.55 (39.4)	1.03 (26.2)	480-2076-ND	18.85	13.47	12.80	082452 82
7	2	1.41 (35.8)	1.25 (31.8)	480-2074-ND	18.85	13.47	12.80	082450 83
8	2	1.98 (50.3)	2.24 (56.9)	480-2075-ND	19.23	13.74	13.05	082451 84
				480-2077-ND	18.85	13.47	12.80	082453 85

<p>Fig. 1 NEW!</p> <p>Snap-in Mount: Panel Cut-out: 1.43 x 0.91 Rectangular Opening</p>	<p>Fig. 2</p> <p>Retainer Mount: Panel Cut-out: 1.45 x 0.95 Rectangular Opening</p>	<p>Fig. 3</p> <p>Panel Cut-out: 1.45 x 0.95 Rectangular Opening (2) 0.15 holes spaced 1.750</p>
<p>Fig. 4</p> <p>Retainer Mount 2.27 Panel Cut-out: 2.00 Diameter Opening</p>	<p>Fig. 5</p> <p>Four-Pin Mount: Panel Cut-out: .300 x .583 Rectangular Opening</p>	<p>Fig. 6</p> <p>Retainer Mount: Panel Cut-out: 1.45 x 0.95 Rectangular Opening</p>
<p>Fig. 7</p> <p>Two-Screw Mount: Panel Cut-out: 1.45 x 0.95 Rectangular Opening (2) 0.15 holes spaced 1.750</p>	<p>Fig. 8</p> <p>Three-Screw Mount: Panel Cut-out: 2.00 Diameter Opening (3) 0.125 holes equally spaced on 2.42 bolt circle diameter</p>	

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