

MURATA POWER SOLUTIONS Digital Panel Meters

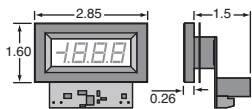


RoHS Compliant This product is RoHS compliant.

DATEL 3.5 DIGIT DAYLIGHT READABLE VOLTMETERS WITH AUTO-DIMMING LED DISPLAY

- Features:**
- Moisture and impact resistant package
 - Large 0.56"/14.2mm high red LED display
 - Daylight-readable w/automatic brightness adj.
 - Input circuit fully isolated from ac power supply

DIMENSIONS: in.



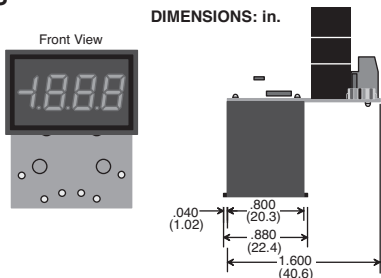
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	DateI Part No.	Input Max.	Power Supply	Price Each	
				1	5
DC Voltmeter					
580-DMU-30DCV-1-DR-C	DMU-30DCV-1-DR-C	±1.999Vdc	85/264Vac, 47/63Hz	105.90	97.52
580-DMU-30DCV-2-DR-C	DMU-30DCV-2-DR-C	±19.99Vdc	85/264Vac, 47/63Hz	105.90	97.52
580-DMU-30DCV-3-DR-C	DMU-30DCV-3-DR-C	±199.9Vdc	85/264Vac, 47/63Hz	105.90	97.52
AC Voltmeter					
580-DMU-30ACV-2-DR-C	DMU-30ACV-2-DR-C	300Vac	85/264Vac, 47/63Hz	112.86	103.96

DATEL 3.5 DIGIT LED TRUE-RMS AC VOLTMETERS WITH ISOLATED INPUTS

- Features:**
- Measures the rms value of complex ac voltages
 - Two operating-supply options: 85-264VAC, or +10-40VDC
 - Input circuit fully isolated from operating power supply
 - 47-1kHz input frequency range
 - Large, easy-to-read, red LED display is visible from 12 feet

DIMENSIONS: in.



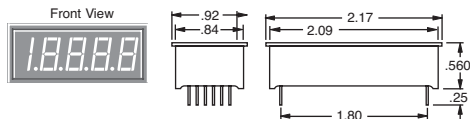
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	DateI Part No.	Input Voltage	Power Supply	Price Each	
				1	5
580-DMS20RM1-AC1-R-C	DMS-20RM-1-AC1-R-C	0-19.99Vac	85-264Vac	88.88	86.21
580-DMS20RM2-AC1-R-C	DMS-20RM-2-AC1-R-C	0-199.9Vac	85-264Vac	94.00	92.00
580-DMS20RM3-AC1-R-C	DMS-20RM-3-AC1-R-C	0-300Vac	85-264Vac	94.00	92.00

DATEL 4.5 DIGIT MINIATURE LED PANEL VOLTMETERS

- Features:**
- Large 0.52"/13.2mm LED display
 - Single +5V supply (175mW for low-power models)
 - 12-pin DIP package

DIMENSIONS: in.



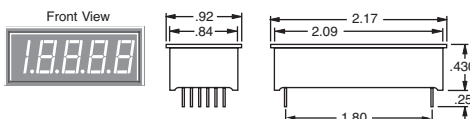
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	DateI Part No.	Input Range	Display Color	Price Each	
				1	5
580-40PC-1-RL-C	DMS-40PC-1-RL-C	±2V	Low-Power Red	81.90	79.49
580-40PC-1-RS-C	DMS-40PC-1-RS-C	±2V	Standard Red	77.91	75.49
580-40PC-1-GS-C	DMS-40PC-1-GS-C	±2V	Standard Green	77.91	75.49
580-40PC-2-RL-C	DMS-40PC-2-RL-C	±20V	Low-Power Red	81.90	79.49
580-40PC-2-RS-C	DMS-40PC-2-RS-C	±20V	Standard Red	77.91	75.49
580-40PC-2-GS-C	DMS-40PC-2-GS-C	±20V	Standard Green	77.91	75.49

DATEL 4.5 DIGIT MINIATURE LCD PANEL VOLTMETERS

- Features:**
- Large 0.4"/10.2mm LCD display
 - 12-pin DIP package, panel or board mountable
 - User-selectable decimal point placement
 - Low-battery "BAT" annunciator

DIMENSIONS: in.



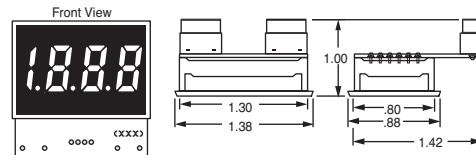
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MOUSER STOCK NO.	DateI Part No.	Input Range	Power Source	Price Each	
				1	5
580-40LCD-01-5-C	DMS-40LCD-0/1-5-C	±200mV/±2V	+5V	77.91	75.49
580-40LCD-01-9-C	DMS-40LCD-0/1-9-C	±200mV/±2V	+9V	77.91	75.50
580-40LCD-12-5-C	DMS-40LCD-1/2-5-C	±2V/±20V	+5V	77.91	75.49

DATEL 3.5 DIGIT LED SUBMINIATURE DC AMMETERS

- Features:**
- 0.37"/9.4mm 3 1/2-digit display
 - Scales and displays the output of 5A to 2000A 50mV and 100mV shunts
 - Wide power supply inputs - 5-40VDC, non-isolated power
 - Factory calibrated to ±0.1% accuracy

DIMENSIONS: in.



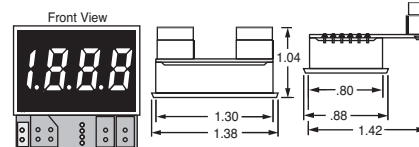
* Power Supply: +8-36VDC, isolated power

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	DateI Part No.	Input Range		Price Each	
		50mV Shunt	100mV Shunt	1	5
LED Color: Low-power Red					
*580-D520PC-1-DC1RL-C	DCA5-20PC-1-DC1-RL-C	5.0-500A	10.00-1000A	50.00	44.99
580-DCA420PC1 DC4RLC	DCA5-20PC-1-DC4-RL-C	5.0-500A	10.00-1000A	59.00	53.50
580-D520PC-2-DC1RL-C	DCA5-20PC-2-DC1-RL-C	1.0-1000A	1.999-1999A	50.00	47.50

DATEL 3.5 DIGIT LED SUBMINIATURE DC AMMETERS WITH BUILT-IN SHUNTS

- Features:**
- Large 0.37"/9.4mm LED display
 - Functionally complete - no additional components required
 - Wide power supply inputs - 5-40VDC
 - 20mV internal shunt minimizes power loss
 - Factory calibrated to ±0.1% accuracy



DIMENSIONS: in.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	DateI Part No.	Input Range	Power Source	Price Each	
				1	5
LED Color: Low-power Red					
580-D20PC-1-DC4-RL-C	DCA-20PC-1-DC4-RL-C	0-199.9µA	+8-36VDC, isolated	63.92	58.00
580-D20PC-4-DC1-RL-C	DCA-20PC-4-DC1-RL-C	0-199.9mA	+5-40VDC, non-isolated	53.93	49.50
580-D20PC-4-DC4-RL-C	DCA-20PC-4-DC4-RL-C	0-199.9mA	+8-36VDC, isolated	63.92	58.00
580-D20PC-5-DC1-RL-C	DCA-20PC-5-DC1-RL-C	0-1.999A	5-40VDC, non-isolated	53.93	49.49
580-D20PC-5-DC4-RL-C	DCA-20PC-5-DC4-RL-C	0-1.999A	+8-36VDC, isolated	63.92	58.00
580-D20PC-6-DC1-RL-C	DCA-20PC-6-DC1-RL-C	0-19.99A	5-40VDC, non-isolated	53.93	49.50
580-D20PC-6-DC4-RL-C	DCA-20PC-6-DC4-RL-C	0-19.99A	+8-36VDC, isolated	63.92	58.00
LED Color: Super Blue					
580-D20PC-6-DC4-BS-C	DCA-20PC-6-DC4-BS-C	0-19.99A	+8-36VDC, isolated	73.00	66.50
LED Color: Standard Green					
580-D20PC-6-DC4-GS-C	DCA-20PC-6-DC4-GS-C	0-19.99A	+8-36VDC, isolated	63.92	58.00

DATEL 50MV AND 100MV BASE-MOUNTED DC SHUNTS

- Features:**
- Connect directly with DCA5 ammeters
 - Manganin sensing element
 - Brass terminal posts and screws
 - Rated accuracy: ±0.25% max.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	DateI Part No.	Rated Current/ Output	Resistance @ 25°C	Price Each	
				1	5
580-3020-01097-0	3020-01097-0	5A/50mV	0.01	20.00	19.40
580-3020-01107-0	3020-01107-0	10A/100mV	0.01	20.00	19.40
580-3020-01098-0	3020-01098-0	20A/50mV	0.0025	20.00	19.40
580-3020-01096-0	3020-01096-0	50A/50mV	0.001	20.00	19.40
580-3020-01099-0	3020-01099-0	100A/50mV	0.0005	20.00	19.40
580-3020-01108-0	3020-01108-0	100A/100mV	0.001	23.45	22.33
580-3020-01100-0	3020-01100-0	150A/50mV	0.00033	23.45	22.33
580-3020-01101-0	3020-01101-0	200A/50mV	0.00025	25.00	24.25
580-3020-01102-0	3020-01102-0	300A/50mV	0.000167	29.35	28.17
580-3020-01103-0	3020-01103-0	500A/50mV	0.0001	25.00	24.25

DATEL PANEL METER ACCESSORIES

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	DateI Part No.	Description	Price Each	
			1	5
580-DMS-BZL1-C	DMS-BZL1-C	DMS-30/40 bezel assembly	4.00	3.89
580-DMS-BZL2-C	DMS-BZL2-C	DMS-30/40 bezel assembly w/EPDM rubber gasket	6.00	5.85
580-DMS-BZL3-C	DMS-BZL3-C	DMS-20 bezel assembly	4.00	3.89
580-DMS-BZL4-C	DMS-BZL4-C	DMS-20 bezel assembly w/EPDM rubber gasket	6.00	5.85
580-DMS-EB-C	DMS-EB-C	DMS-30/40 multi-purpose application board	14.00	13.95
580-DMS-EB2-C	DMS-EB2-C	DMS-20 multi-purpose application board	14.00	13.58
580-5252-01127-0	5252-01127-0	Additional DMS-20 Retaining Clips	2.67	2.50
580-5252-01130-0	5252-01130-0	DMS-20 Red Plastic Case	2.67	2.50
580-5252-01160-0	5252-01160-0	DMS-30/40PC bezel and filter for red LED meters	8.05	7.68
580-5252-01161-0	5252-01161-0	DMS-20PC bezel & filter for red LED meters	8.05	7.68
580-4320-01069-0	4320-01069-0	DMS 6-Position Connector Housing	1.52	1.40
580-4400-01032-0	4400-01032-0	DMS Crimp Terminals	.15	1.14