

Texmate DV series Analog Switchboard Meter with Digital Display

**AC / DC
Auxiliary Power**

Accuracy:
Pointer: class 1.5
Digital Display: $\pm 0.5\% + 2$ counts

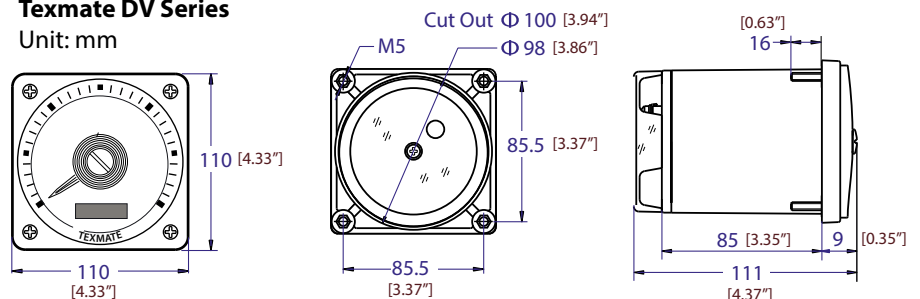


Product Description	Model #	Input Range Description	Measurement Range	Power Supply	Operating Frequency
AC Amp Meter with Rectifier	DV-ACA-01 DV-ACA-05 DV-ACA-20 DV-ACA-001	1A AC 5A AC 20A AC 100mA AC	0 – 100mA, 0 – 20A (Direct signal Input) Higher Inputs requires External external CT: specify 1A or 5A	AC/DC 85 – 260V DC 24V	50 Hz 60 Hz
AC Volt Meter with Rectifier	DV-ACV-010 DV-ACV-100 DV-ACV-110 DV-ACV-120 DV-ACV-500	10V AC 100V AC 110V AC 120V AC 500V AC	0 – 10V, 0-500V External PT: 100V, 110V, 120V AC	AC/DC 85 – 260V DC 24V	50 Hz 60 Hz
DC Amp Meter	DV-DCA-010 DV-DCA-001 DV-DCL-420 DV-DCA-50 DV-DCA-60 DV-DCA-75 DV-DCA-100	10A DC 100mA DC 4-20mA DC 50mV DC 60mV DC 75mV DC 100mV DC	0 – 100mA, 0 – 10A (Direct signal Input) Higher Inputs requires External shunt: 50mV, 60mV, 75mV	AC/DC 85 – 260V DC 24V	50 Hz 60 Hz
DC Volt Meter	DV-DCV-050 DV-DCV-500	50mV DC 500V DC	0 – 50mV, 0 – 500V > 450V use an external resistor (Rated 5 mA)	AC/DC 85 – 260V DC 24V	50 Hz 60 Hz

DV Series Case Dimensions and Panel Cutouts

Texmate DV Series

Unit: mm

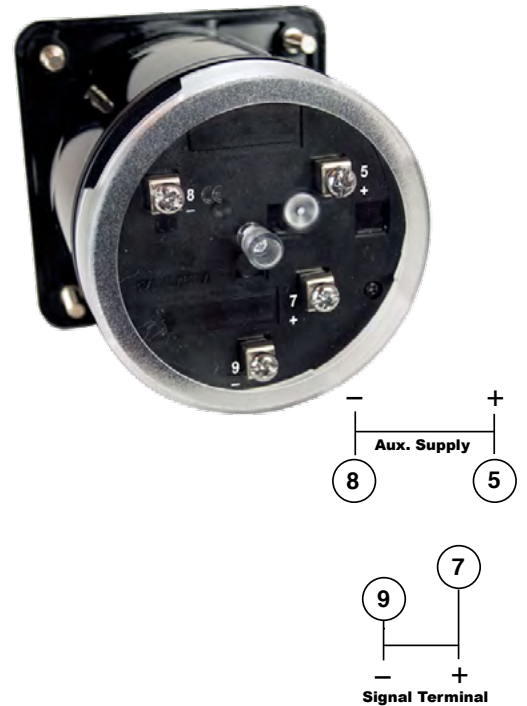


- For ordering info call:
1-800-TEXMATE or 760 598-989
- Email: orders@texmate.com

Product Specifications

Specifications		Unit	Minimum	Standard Value	Maximum
Accuracy : $\pm 0.5\%$ full scale Plus 2 counts digital reading					
Voltage Range	DC	V	0.075	—	600
	AC	V	2	—	600
Current Range	DC	A	0.002	—	10
	AC	A	0.1	—	10
Input Impedance	Voltage	Input Range		Input Impedance	
		200 mV		20 k Ω	
		2 V		100 k Ω	
		20 V		1 M Ω	
		200 V		3 M Ω	
	600 V		3 M Ω		
	Current	2 mA		50 Ω	
		20 mA		5 Ω	
		200 mA		0.5 Ω	
		5 A		0.02 Ω	
5 A		0.02 Ω			
Wire Gauge : 2.5	mm ²				
LED Height : 14.2 mm (0.56 inch)					
Operating Temperature	$^{\circ}\text{C}$	5 $^{\circ}\text{C}$	—	+40 $^{\circ}\text{C}$	
Storage Temperature	$^{\circ}\text{C}$	-10 $^{\circ}\text{C}$	—	+55 $^{\circ}\text{C}$	
Protection Grade : IP40					
Safety Class : CAT III-600 V, Class 2					
Material : PC Flame Retardant					
Power Consumption	VA	—	—	5 VA	
Auxiliary Power	V	100-370 VDC / 85-264 VAC Optional 24 VDC			

Wiring Diagram



Caution

WARNING:

AC and DC input signals and power supply voltages can be hazardous. Do not connect live wires to screw terminal plugs, and do not insert, remove or handle screw terminal plugs with live wires connected.



Do Not apply voltage over suggested range.

Warranty and User's Responsibility

WARRANTY

Texmate warrants that its products are free from defects in material and workmanship under normal use and service for a period of one year from date of shipment. Texmate's obligations under this warranty are limited to replacement or repair, at its option, at its factory, of any of the products which shall, within the applicable period after shipment, be returned to Texmate's facility, transportation charges pre-paid, and which are, after examination, disclosed to the satisfaction of Texmate to be thus defective. The warranty shall not apply to any equipment which shall have been repaired or altered, except by Texmate, or which shall have been subjected to misuse, negligence, or accident. In no case shall Texmate's liability exceed the original purchase price. The aforementioned provisions do not extend the original warranty period of any product which has been either repaired or replaced by Texmate.

USER'S RESPONSIBILITY

We are pleased to offer suggestions on the use of our various products either by way of printed matter or through direct contact with our sales/application engineering staff. However, since we have no control over the use of our products once they are shipped, NO WARRANTY WHETHER OF MERCHANTABILITY, FITNESS FOR PURPOSE, OR OTHERWISE is made beyond the repair, replacement, or refund of purchase price at the sole discretion of Texmate. Users shall determine the suitability of the product for the intended application before using, and the users assume all risk and liability whatsoever in connection therewith, regardless of any of our suggestions or statements as to application or construction. In no event shall Texmate's liability, in law or otherwise, be in excess of the purchase price of the product.

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