



MOD - 7S6A

DC volt meter - 3½ digits

General specifications

DISPLAY: 3½ digit LED 0.56" (14.2 mm) high brightness.

POWER: wide range power supply options
(refer to ordering information)

Decimal Point selection: from front panel

Accuracy: $\pm 0.1\%$ of reading ± 1 digit at 25°C

Stability: $\pm 50\text{ppm} / ^\circ\text{C}$

Input voltage protection: 650 VDC

Conform to standards: IEC 61010-1 Safety requirements

For measurement, control, and laboratory use, part 1.

CONNECTION:

silver alloy pluggable terminal Shrouded to prevent human contact.

Terminal: acc IEC 60947-7-1, IEC 60998-1

Terminal Capacity: 1x4mm without multicore cable end

1x0.5 to 2.5mm with/without multicore cable end.

MECHANICAL

Self-extinguishing plastic housing, IP40 acc IEC 529

Mounted: front panel

IP rating: IP20 acc IEC 529

Terminal block: 4mm² 12AWG 250VAC

Box measures: 96x48 mm

AMBIEN CONDITIONS

Operation temperature -20°C ... +55°C

Storage temperature -25°C ... +70°C

Transport temperature -25°C ... +70°C

Relative humidity 15% ... 85% acc IEC 68-2-6

Vibration resistance 10 to 55 Hz (acc to IEC 68-2-6)

Wight: 348 gr

Technical Data

± 1999 (3½) count four scale

Low power requirement

Wide range power supply option

Input voltage protection

Decimal point selected

Accuracies are specified at 25°C

Power consumption: 2.3 VA

Stability w/Temp $\pm 50\text{ppm}/^\circ\text{C}$

Span up to 2000 counts

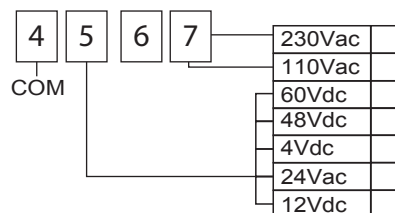
Measuring Rate: 3 s/min

Ordering information

MOD 7S6A - R - V

R1	60VDC
R2	48VDC
R3	24VDC
R4	12VDC
	230VAC
	110VAC
	24VAC

Power Connection

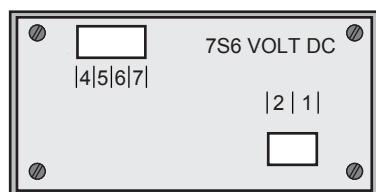


Range

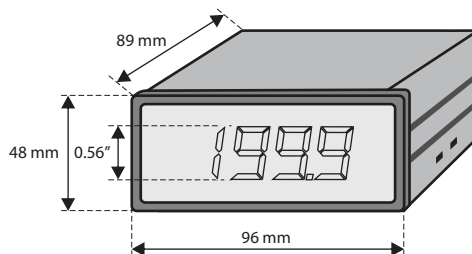
Order	Measuring	Resolution	Input impedance	Basic accuracy
Code	voltage range			
MOD-7S6DC-R1	$\pm 1.999\text{VDC}$	1mVDC	100moHM	$\pm 0.1\%$ of reading
MOD-7S6DC-R2	$\pm 19.999\text{VDC}$	10mVDC	2moHM	± 1 digit
MOD-7S6DC-R3	$\pm 199.9\text{VDC}$	100mVDC	100moHM	± 1 digit at 25°C
MOD-7S6DC-R4	$\pm 500\text{VDC}$	1VDC	2moHM	

Dimensions

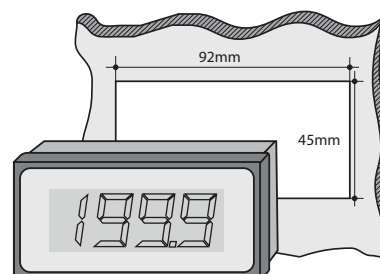
BACK



FRONT



PANEL CUTOUT



MOD - 7S6A

