



MOD - 7S8A DAM - 3½ DIGITS DC AMMETER

General specifications

DISPLAY: 3½ digit LED 0.56" (14.2 mm) high brightness.
POWER: wide range power supply options (refer to ordering information)
 Accuracy: ±0.1% of reading ±1 digit at 25°C
 Stability: ±50ppm / °C
 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

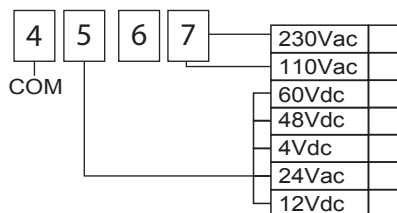
±1999 (3½) count four scale
 Low power requirement
 Wide range power supply option
 Input voltage protection
 Decimal point selected
 Accuracies are specified at 25°C
 Power consumption: 2.3 VA
 Stability w/Temp ±50ppm/°C
 Span up to 2000 counts
 Measuring Rate: 3 s/min

Range

Order Code	Measuring voltage range	Resolution	Input impedance	Basic accuracy
MOD-7S8DC-R1	±1.999ADC	1µA	200mV	±0.25% of reading
MOD-7S8DC-R2	±19.99ADC	10µA	200mV	±2 digit at 25°C
MOD-7S8DC-R3	±199.9ADC	100µA	200mV	
MOD-7S8DC-R4	±1.999ADC	1mA	200mV	
MOD-7S8DC-R5	±9.99ADC	10mA	100mV	

* 9.99ADC - 1999ADC OPTIONAL WITH EXTERNAL SHUNT

Power Connection



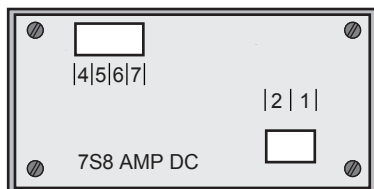
Ordering information

MOD 7S8A - R - V

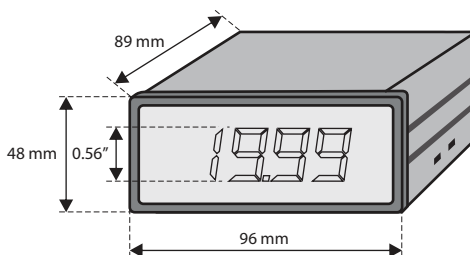
R1	60VDC
R2	48VDC
R3	24VDC
R4	12VDC
R5	
	230VAC
	110VAC
	24VAC

Dimensions

BACK



FRONT



PANEL CUTOUT

