PSK Controllers Ltd.
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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 25ºC
Stability: ±50ppm / ºC
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

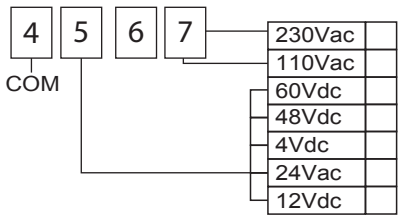
±1999 (3½) count foul scale
Law power requirement
Wide range power supply potion
Input voltage protection
Decimal point selected
Accuracies are specified at 25˚C
Power consumption: 2.3 VA
Stability w/Temp ±50ppm/˚C
Span up to 2000 counts
Measuring Rate: 3 s/min

Range

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

* 9.99ADC - 1999ADC OPTIONAL WITH EXTERNAL SHUNT

Power Connection



Ordering information

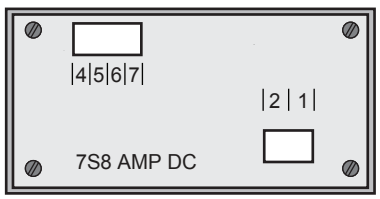
MOD 7S8A – R – V

R
R1
R2
R3
R4
R5

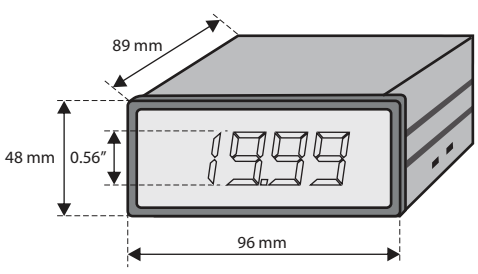
V
60VDC
48VCD
24VDC
12VDC
230VAC
110VAC
24VAC

Dimensions

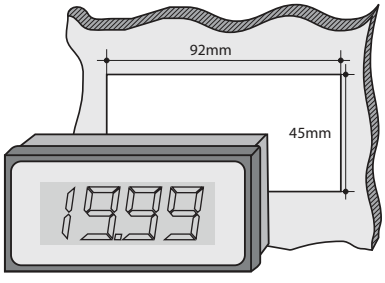
BACK



FRONT



PANEL CUTOUT



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