Datasheet

RS Pro Hours Run Meter, 6 digits, Digital, Spade Terminal Connection, 10 → 80 V dc
RS Stock No: **896-6939**

Product Details

RS Pro hours run meter has a robust design that enables a high degree of accuracy and it has 50.8 mm cut-out size. The design of this round meter makes it totally sealed from dust and moisture. It has 6 digit display with digital spade terminal connection and has a supply voltage of 10 to 80 V dc.

Features and Benefits
- 7 different bezel style models
- Panel mount
- 6 digits non-resettable with automatic recycle to zero
- Compact and robust design provides shock and vibration protection
- Wide supply voltage range
- IP66 protection

Specifications:

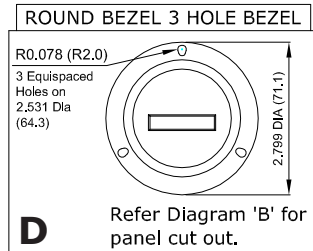|	
Approvals	CE; cRUus; NEMA 4X; RoHS Compliant; SAE
Count Direction	Up
Function	Hour Meter
Meter Type	Electronic
Shape	Round
Cutout Height	24.1 mm
Depth	70.5 mm
Maximum Count Frequency	50/60 Hz
Maximum Measurement	99999.9 h
Measurement Range	0 to 99999.9 h
Meter Accuracy	±0.02%
Minimum Measurement	0 h
Minimum Operating Temperature	-40°C
Number of Digits	6
Weight	47 g
Connection Type	Spade
Count Capacity	99999.9 h
Cutout Size	50.8 (dia.) mm
Digit Height	3.6 mm
Display Type	Digital
Input Type	Voltage
Mounting Type	Panel Mount
Reset Method	No Reset
Supply Voltage	10 to 80 V dc
Humidity Rating	95%
IP Rating	IP65
Power Rating	0.25 VA

RS PRO

Hours Run Meters

RS Stock No's
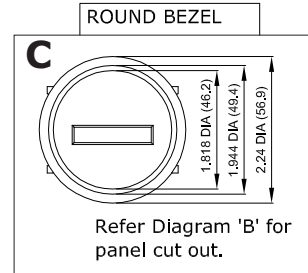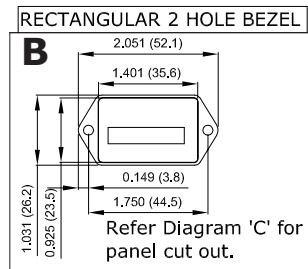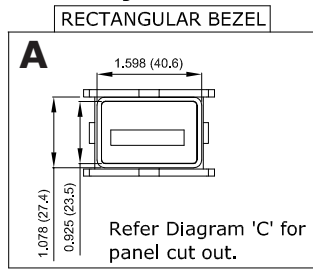**A** Rectangular Bezel: 896-6905, 896-6914,
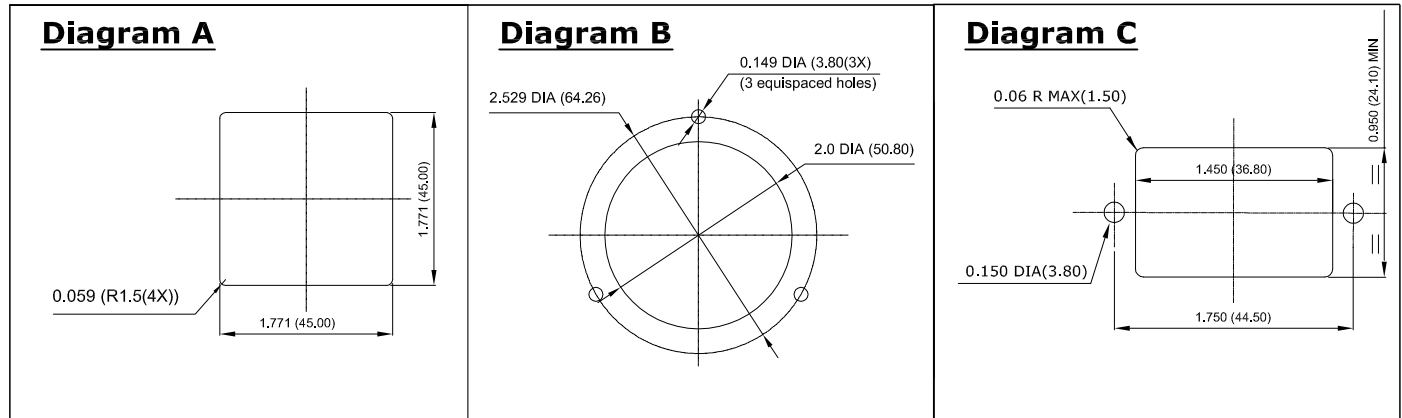**B** Rectangular 2 hole bezel: 896-6927, 896-6936, 896-6923
C Round Bezel: 896-6933, 896-6939, 896-6942
D Round 3 hole Bezel: 896-6917, 896-6911, 896-6920
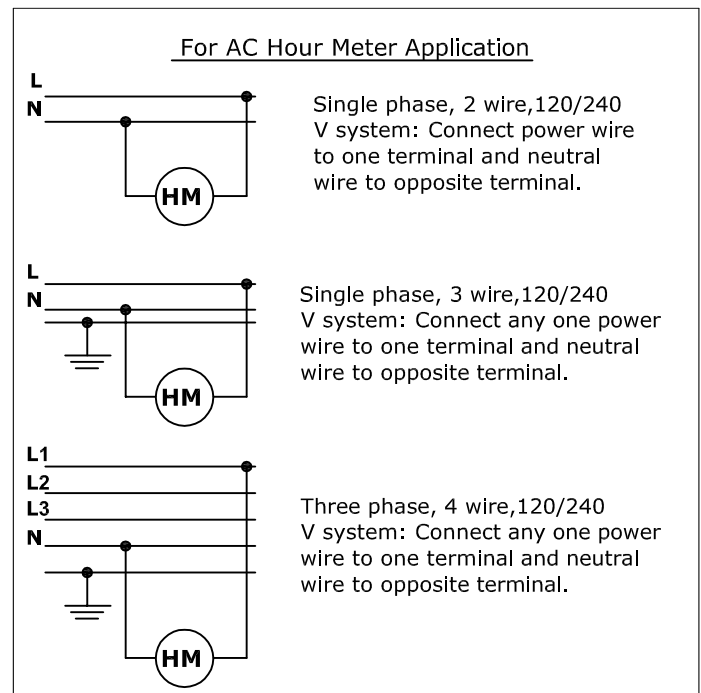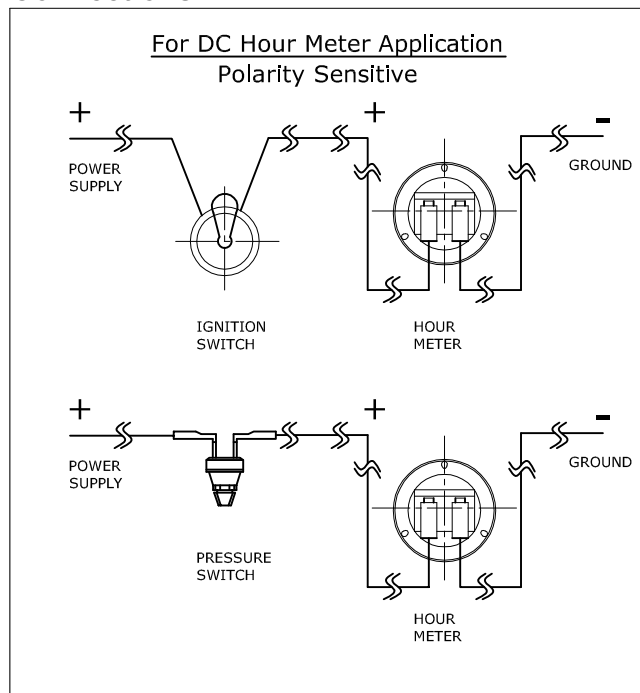**E** Square Bezel: 896-6894, 896-6898

Bezel styles:

RECTANGULAR BEZEL
A
1.598 (40.6)
1.078 (27.4)
0.925 (23.5)
Refer Diagram 'C' for panel cut out.

RECTANGULAR 2 HOLE BEZEL
B
2.051 (52.1)
1.401 (35.6)
0.149 (3.8)
1.750 (44.5)
1.031 (26.2)
0.925 (23.5)
Refer Diagram 'C' for panel cut out.

ROUND BEZEL
C
1.818 DIA (46.2)
1.944 DIA (49.4)
2.24 DIA (56.9)
Refer Diagram 'B' for panel cut out.

ROUND BEZEL 3 HOLE BEZEL
D
R0.078 (R2.0)
3 Equispaced Holes on 2.531 Dia (64.3)
2.799 DIA (71.1)
Refer Diagram 'B' for panel cut out.

SQUARE MOUNT BEZEL
E
1.889 (48.00)
1.889 (48.00)
Refer Diagram 'A' for panel cut out.

Screw type Terminal With Ip20 Cap only for,

Panel cutout :

Diagram A
0.059 (R1.5(4X))
1.771 (45.00)
1.771 (45.00)

Diagram B
2.529 DIA (64.26)
0.149 DIA (3.80(3X)) (3 equispaced holes)
2.0 DIA (50.80)

Diagram C
0.06 R MAX(1.50)
0.950 (24.10) MIN
1.450 (36.80)
0.150 DIA(3.80)
1.750 (44.50)

Max. Panel Thickness; 1.129 (0.76) to 0.401 (10.20)
Panel Cut-out dimensions - Tolerance +/- 0.010 (0.30)
All Dimensions are in inches, Values in () = mm

Connections:

For DC Hour Meter Application
Polarity Sensitive

+ POWER SUPPLY
+ IGNITION SWITCH
+ GROUND
HOUR METER

+ POWER SUPPLY
+ PRESSURE SWITCH
+ GROUND
HOUR METER

For AC Hour Meter Application

L
N
HM
Single phase, 2 wire,120/240 V system: Connect power wire to one terminal and neutral wire to opposite terminal.

L
N
HM
Single phase, 3 wire,120/240 V system: Connect any one power wire to one terminal and neutral wire to opposite terminal.

L1
L2
L3
N
HM
Three phase, 4 wire,120/240 V system: Connect any one power wire to one terminal and neutral wire to opposite terminal.

⚠ **CAUTION :** 1) Screw to be tightened with flat head screwdriver with tip size 4.3 x 0.6 mm.

MOUNTING FRAME 896-6908

55x55mm Bezel for 896-6894 and 896-6898

R2.4
(4X)

R2.4
(4X)

48.4 SQ.

55.0 SQ.

6.0
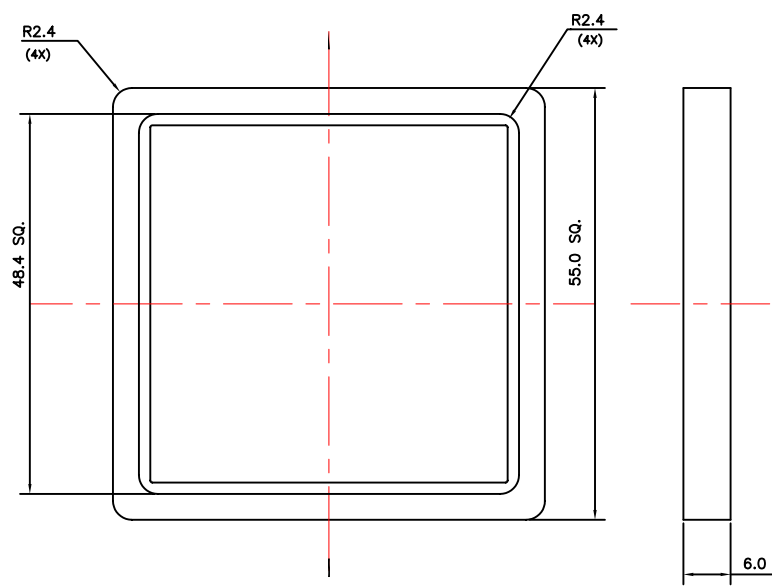
MOUNTING FRAME 896-6901

72x72mm Bezel for 896-6894 and 896-6898

6.0

51.3 SQ.

69.0 SQ.

72.0 SQ.