



Poka-Yoke method and computerized test equipment are dimensions and controlling manufacturing processes. Statistical Process Control is used for measuring critical reduced time in molding cell. Single Minute Exchange of Dies (SMED method) provides lowest total cost, defect-free product. are used in the focused factories in order to achieve the Continous Flow Process utilizing "Rabbit Chase" concepts and reducing defects and variations. achieves this by relentlessly focusing on eliminating waste to reduce manufacturing costs and improve quality. It improvements in our processes, products and services, and Six Sigma methodology is a strategy used to accelerate products and processes are as follows: methods by which we continuously improve our our world-class manufacturing systems. Some of the past years and present is what has helped us develop Honeywell Hobbs' commitment to the customer in **WANUFACTURING** Thanks for considering Hobbs meters from

ONVILLY SYSTEMS

Bar coding and electronic data interchange (EDI)

utilized to eliminate scrap and rework.

Kanban cards are used to pull raw material and piece parts

through the factory.

Honeywell!

your requirements/application as possible.

if you can provide as much detailed information about

us process your request more efficiently and effectively

217-753-7797 or fax us at 217-753-7789. It will help have further questions, please feel free to call us at

If you have not found what you are looking for or you

 \odot 2003 Honeywell International Inc. All Rights Reserved. Product Quality Level (SPQL) of 100 ppm. We utilize Advanced Quality Planning and QS9000 based quality systems. basis by which we work to create a partnership with our customers. Evidence of our commitment is proven by a goal of a Shipped It is the goal of Honeywell Hobbs to meet customer value-needs through continuously improved products and processes. That is the

Honeywell

Springfield, IL 62794-9424 P.O. Box 19424 Honeywell email: www.honeywellhobbs.marketing@honeywell.com www.honeywell.com/hobbs Sensing and Control

Catalog 20-1103, GLO Printed in the USA

www.honeywell.com/hobbs

• Warranty P. 11 - Accessories -P. 11 P. 8-11 7-9 .9 D.C. P. 3-5 LCD.



Seddon Seddon
=ddoH

Contents:



the highest standards of excellence. and customer base while maintaining further expansion of its product lines quality management will allow for continuous improvement and total Honeywells' commitment to compressors and aviation. garden, recreational, generators, medical, heavy truck, lawn and handling, construction, marine, as automotive, agricultural, material market base includes industries such Honeywells' broad customer and electro-mechanical products. shifters, and other custom switches, halogen lamps, transmission meters, pressure and vacuum years expanded to include hour into a company that has over the this electrically-wound vehicle clock Hobbs was the inventor that cultivated Honeywell Hobbs. John Weston created what is now known as wound automobile clock in 1938 The invention of the first electrically quality electro-mechanical products. worldwide for the development of

The Hobbs brand is well known



(3 7/8" dia.) for three-screw type DC meters. M-558 bracket. Part Number M-3888 vibration. Use on panel or with Part Number Damper. Protects meter from severe

Hour Meter Accessories

Round Flush with Retainer Mount

H

Round Slotted 3 screw

are used together.

for three-screw type DC meter only.

easy-to-read meter position. Part Number M-486

a flat surface area 2 13/16" x 5 1/4". Provides

Panel mounting bracket. Designed to bolt to

M-558 (4" x 5 1/8") when meter and damper

(2 13/16" x 4") for meter only. Part Number

for easy reading. Foot of bracket can be bent

not practical. Multiple holes allow positioning

Mounting brackets. For mounting hour

on above meters.

information and specifications

Contact Hobbs for more

meters in any location when panel installation is

when necessary. Part Number M-329

Part Number 23944.

when panel mounting is not practical.

AC and DC rectangular meters only,

Angle bracket. For two-screw flange

the application. to determine the suitability of the product in Honeywell web site, it is up to the customer personally, through our literature and the While we provide application assistance,

20000 Series...... years

85000 Series..... years

98000 Series...... years

honeywellhobbs.marketing@honeywell.com

the nearest Authorized Distributor, contact a

current specifications, pricing or name of

distributors. For application assistance,

worldwide network of sales offices and

Honeywell serves its customers through a

of this printing. However, we assume no

is believed to be accurate and reliable as

without notice. The information we supply

Specifications may change at any time

INTERNET: www.honeywell.com/hobbs

The products listed are warranted

for the periods shown:

Warranty Periods:

nearby sales office or

Sales and Service

responsibility for its use.

for a particular purpose. those of merchantability and fitness expressed or implied, including in lieu of all other warranties, The foregoing is Buyer's sole remedy and is without charge those items it finds defective. coverage, Honeywell will repair or replace returned to Honeywell during the period of information. If warranted goods are your local sales office for warranty materials and faulty workmanship. Contact manufacture as being free of defective

Warranty and remedy

Honeywell warrants goods of its



reduces parts counts and reduces your frees up your engineering resources, assemble a panel to your specifications that saving you time and money. We can Let Hobbs custom design your display panel

Panel Clusters Custom Instrument

Other AC and DC Meters Available

83303

88313

he9

98300

98320

he9

L terminal

Terminals

оћ, впиан

59904

with enable

Terminals

oft sauch

SOOOH

2 Screw Standard Bezel

2 Screw Deluxe Bezel

spaced 1.750*

səlon OZI. owT

2 Screw Deluxe:

-2.13 (54.1)-

spaced 1.750*

səlod O∂ſ. owT

rectangular opening

2 Screw Standard:

-S.05 (52.1)-

Panel cutout 1.45 x .95

(2,5)

(8,4E)

rectangular opening

Panel cutout 1.45 x .95

O 40 64 VDC

2 to 64 VDC

20 64 VDC

Voltage

Operating

2 P 64 VDC

0 10 Pt ADC

20 64 VDC

Operating

All dimensions shown in inches and (metric)

* Panel cutout dimensions are \pm 910 tolerance

combines easy installation with

Fits in existing panel openings

 No battery backup needed current hour meter

Totally sealed from moisture

Reverse Polarity

E W I

Inductive

Load Dump

9 to 64 VDC

• Shock: 55 g's per SAE 11378

• Vibration: 20 g's per SAE 11378

3/16" blade optional

Operating ranges:

Temperature Range

Digit Height: 6mm

6 Digit Display

Specifications:

virtually any application.

• Termination: 1/4" blade

(Power Terminal)

• Power draw: .8 mA at 12 VDC

• Start Time: maximum 1second

• Run Accuracy ±200ppm; ±0.02%

styles and voltage ranges that will fit

available in a variety of mounting

meters provide a large easy-to-read

The Hobbs 98000 Series LCD hour

package. The hour meters are

display in a conventional size

Transient Voltage Protection

0 to 999,999 Counter

shuoH 6.999,99 of 0

>64 VDC Contact Factory

(lenoitgo) DOV 61 of 8.4

Operating: -40°C to +85°C

Run Indicator

Reset Option

 Pulse Counter Option Rugged Design Compact Depth rugged design

 Snap-in retainer mount dial artwork available

Custom bezels and

Direct replacement for

and dirt

Features

• Display:

	28100	00.264 MC	
	# he9	gni1s19qO 9gs11oV	
Ketainer Mount			

28100	90.264 MC	
# he4	gni1an9q○ 9ge1loV	
าบทดเกเ	Retainer	

Operating Part # 90-264 VAC 28100		
Operating Part #	78100	90-264 MC
	# he9	gni1s19q○ 9gs1loV

78100	90-264 MC
# the9	Operating SpelloV
31.10.0141	

28100	90.264 MC
# he4	gni1sn∍qO ∍gs1loV
ILINOIAL	иегаппе

28100	90-264 MC
# 11P.4	Yoltage

A	A CONTRACTOR OF THE PARTY OF TH	
All	00000	
		U
	HISTARIO	



10182	90 to 264 MC
# ha9	Operating Voltage

10182	90 to 264 MC
# heq	Operating Voltage

10182	90 to 264 MC
# he9	Operating Voltage
	., 0

	10182	90 to 264 MC
1	# he9	ə6eyo∧ Outage

7

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# 450	@Derating	
nxe Bezel	Screw Deli	Z

# ħs9	Operating Voltage	
ezeg əxni	2CLGM DE	7

	# he9	Operating Operation	
əzə	g əxnı	Screw De	7

	# he9	Operating Septlov	
I	azag axnı	ad walls	7

# ħe9	Operating Operation		
əzəg əxnı	Screw De	7	

	# ħ69	Qperating OpetleV	
ŀ	əzəg əxnı	crew De	5 7

	Operating	1
jəzəg əxnj	Screw De	

# 420	Operating
jəzəg əxnj	S SCLEW DE

	# .	ред	6	Operating	
i	Beze	əxnı	ЭŒ	Screw	7

<i>"</i> . d	Operating
jəzəg əxnja	S Screw De

	BajjoseaO	
ınxe Bezel	Screw De	7

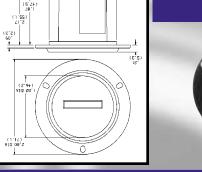
<i>"</i>		bu	Operati	
Bezel	əxn	od /	Screw	-

ı	# ħs9	Qnitan9q √oltage	
П	əzəg əxni	ccew ne	7

	# hs9	Operating 9estlo√	
ı	2720 2VNI	20 442 120	_

90 - 264 MC

rectangular opening.



Panel cutout 1.45 x .95

rectangular opening.
Two .150 holes spaced 1.750*

*027.1 beased solod 021. owT

rectangular opening.

Retainer Mount:

Panel cutout 1.45 x .95

Panel cutout 1.45 x .95

2 Screw Standard:

2 Screw Deluxe:

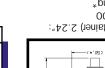
spaced on 2.42 bolt circle diameter*

Panel cutout 2.00 diameter opening

Three .125 holes equally

3 Screw Mount:





diameter opening* Panel cutout 2.00 Flush Mount (Retainer) 2.24":

78104	90 - 264 MC	
# ħe9	Operating √oltage	
Yonuq Black Bezel		

78104	90 - 264 MC
# he9	Qniating √oltage
ack Bezel	Round Bl

..... STHAUD

X

All dimensions shown in inches and (metric)

* Panel cutout dimensions are ± .010 tolerance

WARNING!

Custom lens

• Wire leads

Reduce service parts

Reduced inventories

Reduced parts count

Fewer purchase orders

snoitqO

Benefits

• Termination

CE Mark

CSA (UL)

Features

UL Recognized

Specifications

in the world!

Accuracy ±0.02%

of this device for use in their system.

Terminals (up, down, straight)

Eliminate production line errors

- 1/4" spade

• Totally sealed from dirt and moisture

• Records time 0 to 99,999.9 hours

• Temperature Range: -40°F to +185°F

• Operating Voltage: 90 to 264 VAC

will work for virtually any application anywhere

This unique feature means that one hour meter

and at frequencies of either 50 Hz or 60 Hz.

OVEr a voltage range of 90 VAC to 264 VAC

frequencies. The meters will work accurately

operate over a full range of voltages and

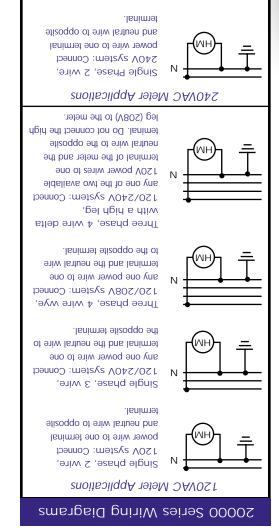
Hobbs Multi-Range Quartz hour meter will limited to one primary voltage andfrequency, the Unlike conventional AC hour meters that are

29i19Z 0018S

• Frequencies: 50 to 60 Hz

responsibility of the customer to determine the suitability

excessive transient voltages are present. It is the was not intended to be used in applications where Applied voltage not to exceed 264 Vac RMS. This meter



neutral wire to the meter.

with a high leg,

terminal. Do not connect the two power lines to the opposite

Connect one of the remaining one terminal of the meter. Connect any one power wire to 120/240V system:

Three phase, 4 wire delta

across any two power lines.

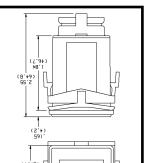
neutral wire to the meter. the line. Do not connect the

240V system: Connect meter Three phase, 3 wire delta,

meter across two high sides of

120/240V system: Connect

Single phase, 3 wire,



rectangular opening* Panel cutout 1.45 x .95 Rectangular Retainer:

rectangular opening*

Cutout 1.45 x .95 Square Retainer: Panel



Rectangular Retainer Mount

77102	≥crew*	09	216-264 MC
20170	* * əbala	09	516-264 VAC
17102	×w91⊃S	09	516-264 MC
28102	* * əbala	09	108-132 NAC
20116	*w⊕λ⊃2	09	108-132 NAC
20183	* * əbsi8	09	108-132 MC
70174	_≯ M∂J⊃S	09	108-132 NAC
# ħs9	noitsnim19T	Hertz	Operating Voltage



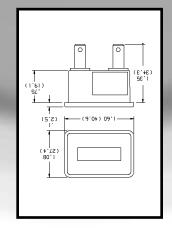
Square Retainer Mount

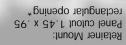
50179	Screw*	09	216-264 MC
20173	Screw*	09	216-264 MC
20115	Screw*	09	108-132 MC
97102	Screw*	09	108-132 MC
# he9	noitsnimnəT	Hertz	Qnirating √oltage

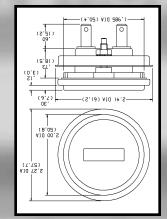
** UL Recognized, CSA Certified and CE Mark * UL Listed, CSA Certified and CE Mark

All dimensions shown in inches and (metric) * Panel cutout dimensions are ± .010 tolerance

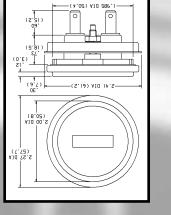
electrical connections, or a failure to adhere to normal electrical safety guidelines. Damage to equipment and/or serious bodily injury can result from improperly made electrical circuits! Only qualified personnel should make electrical connections. CAUTION: Always make sure power is removed from equipment before working on







diameter opening* Panel cutout 2.00 Flush Mount (Retainer) 2.27":



diameter opening* Panel cutout 2.00 Flush Mount (Retainer) Z.Z7":



Retainer Mount

	10886	lenim1ə1 4 əlde11əsə1	0 10 P4 NDC
	12886	lanim191 & 9ldan9 riliw	6 10 P4 NDC
i	11586	lenimnət S	0 P 94 ADC
	# he9	zlanim19Ī	gnitanəqO əgatloV



Round Chrome Bezel

70886	lenim1ə1 4 əlde11əsə1	20 P9 04 ADC
<i>₽</i> 7886	lanim193 & 9ldan9 Aliw	20 64 VDC
71E86	lenim191 S	0 to 64 VDC
# he9	zlerminals	Operating Voltage



Round Black Bezel

Operating

88305	lenimət 4 əldettəsər	0 10 Pt NDC	
88325	lanimnət & əldanə ritiw	0 10 64 VDC	
71886	lenimnət S	0 10 P4 NDC	
# he9	zlenimn ə T	90atloV	

APPLICATIONS LCD Meter

- Garden Tractors
- Generators
- Utility Vehicles
- Construction Equipment
- Material Handling Equipment
- Recreational Vehicles
- Medical
- Electronic Panels
- Rental Equipment
- Boom Lifts
- Pressure Washers
- Sweepers
- Test Equipment

All dimensions shown in inches and (metric) əchanəlor OfO. \pm are anoisnamib fuolucibneq *

A05 900A051 - 0750 1 CONTAINS CHALBION

D.C. Version

Z0Z86	uiq ₽	4.5 to 16 VDC
90286	niq ₽	9 to 64 VDC & reset
# he9	Termination	QnianaqO AgeiloV

Counter Version

snoitaO				
00/0/		without reset		
90/86	lenimiət &	0 10 64 VDC		
+0/0/	IDUIUU I	teset Atiw		
<i>1</i> 0286	lenim191 4	0 10 64 VDC		
# he9	Termination	96eiloV		
		Operating O		

4.5 to 16 VDC

All dimensions shown in inches and (metric) * Panel cutout dimensions are ± .010 tolerance

LCD Hour Meter Module

verification, renting and leasing. for preventive maintenance, warranty require an hour meter, counter or odometer in a variety of AC or DC applications that printed circuit board (PCB). It can be used designed to be mounted directly to your custom engineered elapsed time meter The Hobbs LCD hour meter module is a

Specifications

- ±0.02% Accuracy velqsib mmd/tigib 4 •
- Vibration tested per MIL-M-3971D at
- 10 g's and SAE 11378 at 20 g's
- and SAE 11378 at 55 g's Shock tested per MIL-M-3971D at 75 g's
- Operating temp. range -40°C to +85°C
- (Optional 4.5 to 16 VDC) Operating voltage range 9 to 64 VDC
- Over Voltage Transient Voltage Protected

Load Dump

- Power Consumption Reverse Polarity Inductive
- (lanimat 19woq) VST taxam am 8.
- Start time: maximum 1 second

marketing department when specified. Consult Hobbs used in an environment other than must be sufficiently protected if components exposed. The module All Hobbs modules have crucial

dnestioned. suitability of application is

 Large easy-to-read numbers Features

- Low power demand Silent operation

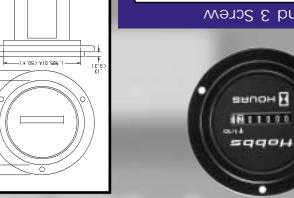
- Resettable and nonresettable
- over entire temperature range • 10 years data retention (without power)
- Pin termination .03 in diameter UL Recognized, CSA approved
- Hours from 0 to 99,99.9
- Counter from 0 to 999,999 pulses
- Voltages greater than 64 VDC
- contact factory

Refrigeration



Rectangular 2 Screw

20037	** sbeə1 "7	09	216 to 264 VAC
20007	Screw *	09	216 to 264 VAC
2003	** sbe91 "7	09	216 to 264 VAC
5007	Screw *	09	216 to 264 VAC
20035	** sbe91 "7	09	108 to 132 VAC
10002	Screw *	09	108 to 132 VAC
70034	** sbe91 "7	09	108 to 132 MC
20028	Screw *	09	108 to 132 VAC
# the9	Termination	Hertz	966floV
			oberaing



Round 3 Screw

Operating

			_
20045	** sbs91 "7	09	216 to 264 VAC
20016	SCIEW *	09	216 to 264 VAC
7007	×× sba91 "7	09	216 to 264 MC
20018	SCIEW *	09	216 to 264 VAC
20043	** sbs91 "7	09	108 to 132 VAC
71002	SCrew *	09	108 to 132 VAC
70042	** sbs91 "7	09	108 to 132 MC
20016	SCrew *	09	108 to 132 MC
# hed	Termination	Zh9H	96eflo√

** UL Recognized, CSA Certified and CE Mark * UL Listed, CSA Certified and CE Mark

Compressors & pumps Oxygen concentrators Sun tanning equipment Generators • Lab test equipment Lighting systems Control panels Furnaces Air conditioning • Business machines **APPLICATIONS** DΑ

YOUR satisfaction is our goal! Options: If you need it, let us know.

on other available models. meters. Contact Hobbs for specifications * Applicable on shown "screw terminal"

Custom logo dials, 1/4" blade terminals,

Single phase, synchronous, permanently

Polycarbonate, shock resistant, tamper

Conforms to MIL-M-3971 *

Mumber size: 0.12" (3mm)

All others: Polycarbonate

3-screw mount: Glass

• Lens material:

VVeight: 3 oz

Accuracy: ±.02%.

(Range ±10%)

Specifications

substructure.

3.0 watts power rating

• 50 and 60 Hertz versions

Automatic recycle to zero

Records up to 99,999 hours

Case material: Polycarbonate

CSA Certified (File # LR42455)

UL Recognized: Wire lead versions

Screw termination or 7" lead wires

Operating temperature: -65°F to +154°F

24,120 and 240 VAC models available

integrates the motor and frame into one

benefit from an uncommon design which

accuracy tests before shipping. These

must pass 100% function and timing parts are in-process inspected. Every meter

accurate and reliable hour meter. The

and/or warranty programs, you want an

Hobbs! Whether it's for testing purposes,

time, quality-minded companies choose

20000 Series

When there's a need to keep track of run

leasing applications, maintenance reasons,

"Deluxe" AC meters are also totally sealed

To ensure our high standards of quality, all

Hobbs 20000 Series hour meter delivers!

(-54°C to +68°C)

• UL Listed (File# E47098): Screw terminals

All dimensions shown in inches and (metric) əch sanel cutout dimensions are \pm 970 tolerance

Many more!

2.42 bolt circle diameter.*

opening. Two .150 holes spaced 1.750.*

Two-Screw Mount: Panel cut out

1.45 x .95 rectangular

Deluxe AC Hour Meters

125 holes equaly spaced on 2.00 diameter opening. Three

Three-Screw Mount: Panel cut out

2,38

Office Equipment

• Instrument Panels

Electronic Panels

Floor Cleaning Equip.

APPLICATIONS

LCD Module

Vending Machines

Recreational •

IsolbeM •

special wire lengths.

Inbricated motor

Totally sealed *

proof case

Features

CE Mark

85000 Series Quartz Plus DC Hour Meters

30-110 VDC

Quartz Plus DC Hour Meters

學明中日日本 H SAMAN

30-110 VDC 10-80 VDC 76098 10-32 VDC 82331 9.5-16 VDC Yolfage Operating 2 Screw

SHIDH H
19411111
ATRAUG.
sqqoH

71098	30,110,405		
Z6098	10.80 VDC		
10098	10-32 VDC		
# he4	oniaay⊖ Sello√		
VV = 1.0C C			

	710 <u>9</u> 8	30-110 VDC
Z6098		10-80 VDC
	10098	10-32 VDC
	# he9	QnitanaQ 90atiaye



01098	10-32 VDC			
# he9	Operating Voltage			
Rectangular Stirrup				

82053	30-110 VDC
82010	10-37 NDC
# he4	gni1a19q○ 9ga1loV
1	



# #60	Qperating O	
r Mount	Petaine	

87370	10-80 VDC		
82001	10-32 VDC		
# he9	Operating √oltage		
JUDOM JOHIDION			

All dimensions shown in inches and (metric) * Panel cutout dimensions are ± 910 tolerance

Round Chrome Bezel

12028	21098	82016	82012	30-110 NDC
		86098	82347	10-80 NDC
82008	<i>\$</i> 200 <i>4</i>	90098	82005	10-37 NDC
# Jap9 Stirrup 2.50"	# haq qunill "72.2	Part# Flush Cup 2.50"	Part # Flush Cup 2.27"	Operaling 9galloV

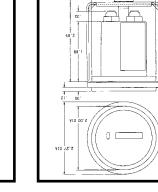
82050

вепон Н STRAUD

82003 10-80 VDC 90098 82001 82003 10-32 VDC "72.2 "72.2 dnııjş Flush Cup Flush Cup Operating # heq # tasq Round Black Bezel

91098





82055

60098

heq

81038

All dimensions shown in inches and (metric)

* Panel cutout dimensions are ± .010 tolerance

2.00 diameter opening.*

dependable hour accurate and

requiring a very

Any application

• Aircraft

Golf Carts

Recreational

Equipment

Utility Vehicles

Equipment

Construction

Farm Equipment

• Garden Tractors

APPLICATIONS

DC

Lawn Tractors

• Gen Sets

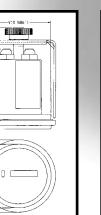
Industrial

Office Equipment

Medical Equipment

2.5": Panel cutout

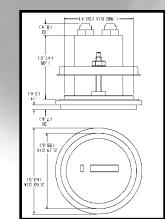
Flush Mount (Stirrup)

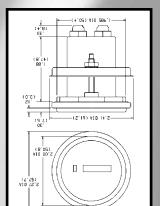


2.00 diameter opening.*

2.27": Panel cutout

Flush Mount (Stirrup)

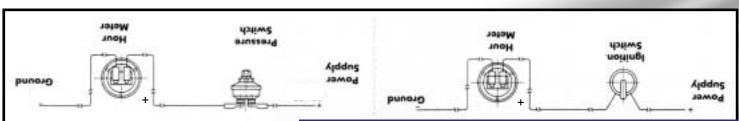




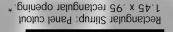
2.00 diameter opening.* 2.5": Panel cutout Flush Mount (Cup)

2.00 diameter opening.* 2.27": Panel cutout Flush Mount (Cup)

85000 Series Wiring Diagrams (Polarity Sensitive)



electrical connections, or a failure to adhere to normal electrical safety guidelines Damage to equipment and/or serious bodily injury can result from improperly made electrical circuits! Only qualified personnel should make electrical connections. CAUTION: Always make sure power is removed from equipment before working on



holes equally spaced on 2.53 bolt circle diameter.*

2.00 diameter opening. Three .150 Three-Screw Mount: Panel cutout

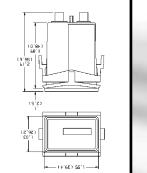
* .OZT. f beas spaced 1.750. *

1.45 x.95 rectangular opening.

Two-Screw Mount: Panel cutout

----(9°9E) ++°1-----

5,98



*. Porinago na subanata se x 24. f Retainer Mount: Panel cutout

and filtered versions available too. screw terminals. 100,000 hour, R-Terminal various bezels. Wire, stud, blade, and Custom logos, polycarbonate lenses, and :snoitqO

- Conforms to MIL-M-3971
- CSA Certified (File number LR42455-12)
- UL Recognized (File number AU1774)
- 6,12,24,36,48,60,72,and 80 VDC

and tenths, plus has a running indicator

Indicates operating time in hours

• Custom CMOS integrated circuit

Mumber size: 0.12" (3mm)

VO31 :qmub bsol roternation Transient Voltage Protection

• Standard terminals: 1/4" male blade Inductive switching and reverse polarity

EMI (Electromagnetic Interference): +400V @ 500Hz

75 g's (per MIL-M-3971)

Shock: 55 g's @ 9-13msec (SAE 11378) 10 g's (per MIL-M-3971)

Vibration: 20 g's @ 10-80Hz (SAE 11378) • Excellent vibration & shock resistance: Precision built relay driven odometer (Voltage range covered by 85000 Series line) Operating voltage range: 5-110 VDC (entire voltage and temperature range) Quartz accuracy: ±200ppm, ±0.02%

Temperature range: -40° F to +185° F

burn-in, and timing accuracy test before

parts are in-process inspected. Every

plastic that is impervious to acids and

Quartz Plus meter must pass 100% function,

To ensure our high standards of quality, all

totally-sealed case made of an engineered

chassis. The chassis fits into a shockproof,

gear train, and a snap-together integrated

drive mechanism, an improved odometer

The Quartz Plus features a highly reliable

The 85000 Series provides legendary

technically advanced quartz package. Hobbs performance and reliability in a

29i192 00028

with automatic recycle to zero

10,000 hour version standard,

Specifications

-40° C to +85° C

 Case material: Polyester • Lens material: Glass

- - Battery system voltages:

 - Totally-sealed

Features

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

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