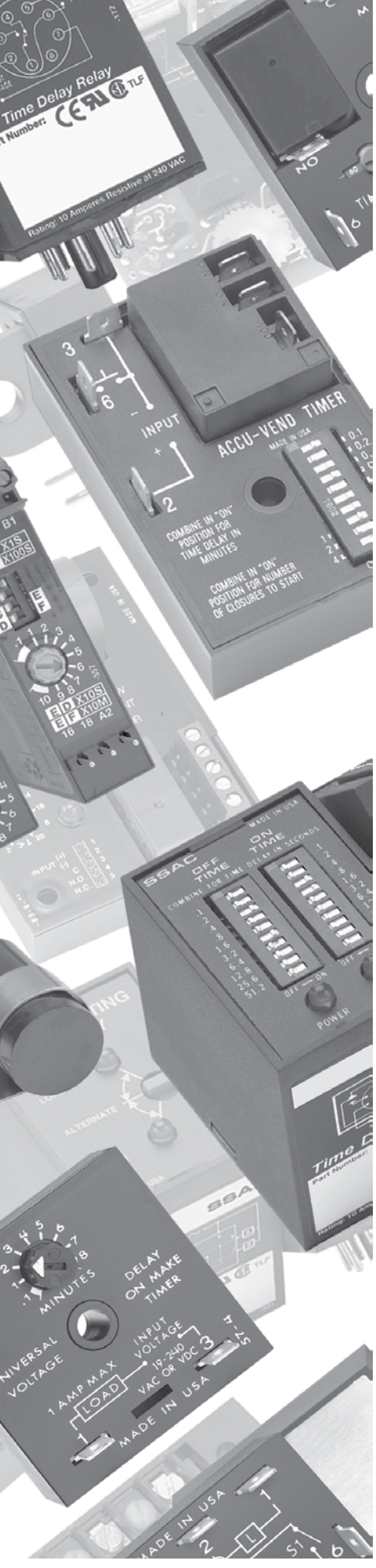
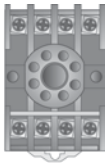
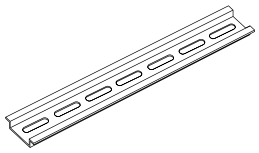



# Accessories

## DIN Rail/Surface Mount Sockets







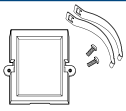
## Mounting Methods, Terminals, Varistors, Cover and Marker



## Timer Adjustment Options & Dials

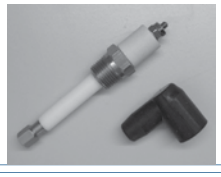



## Motor Protectors





## Liquid Level Probes & Probe Holders



# Mounting Sockets

## DIN Rail or Surface Mount Sockets

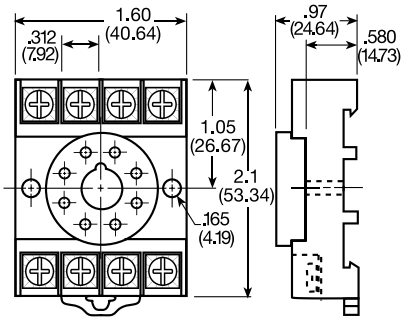
### 8 Pin Octal Socket (600 VAC)

Approvals:

#### Description

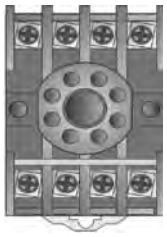
8 pin 35 mm DIN rail or surface mount socket. OT08PC is rated at 10 A at 600 V AC and has pressure clamp terminals. For use with AWG 12 to 22 (3.2 to 0.33 mm²) wire sizes. Hold-down clips not available.

**P/N:** •OT08PC




Inches (Millimeters)

### 8 Pin Octal Socket (600 VAC)

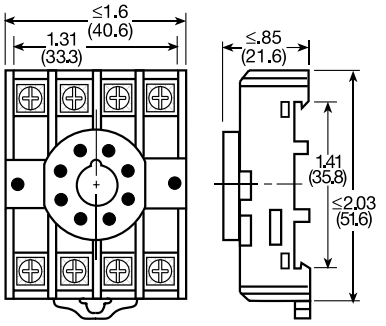


Approvals:

#### Description

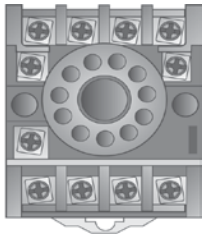
May be surface mounted with two #6 (M 3.5 x 0.6) screws or snaps onto a 35 mm DIN rail. A spring mechanism allows easy removal. Screw terminals with captive wire clamps accept up to two #14 AWG (2.45 mm²) wires. Rated 10 A at 600 V AC. Uses PSC8 hold-down clips.

**P/N:** •NDS-8




Inches (Millimeters)

### 11 Pin Magnal Socket

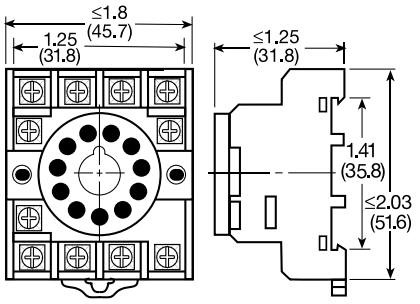


Approvals:

#### Description

May be surface mounted with two #6 (M 3.5 x 0.6) screws or snaps onto a 35 mm DIN rail. A spring mechanism allows easy removal. Screw terminals with captive wire clamps accept up to two #14 AWG (2.45 mm²) wires. Rated 10 A at 600 V AC. Uses PSC11 hold-down clips.

**P/N:** •NDS-11




Inches (Millimeters)

### 11 Pin Magnal Socket

#### Description

11 pin 35 mm DIN rail or surface mount socket. OT11PC is rated at 10 A at 600 V AC and has pressure clamp terminals. For use with AWG 12 to 22 (3.2 to 0.33 mm2)
wire sizes. Hold-down clips are not available.

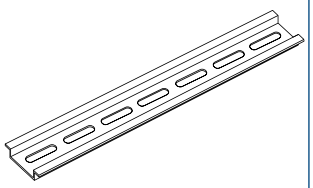
**P/N:** •OT011PC

### Hold-Down Clips

#### Description

Securely mounts plug in controls in any position. Also provides protection against vibration. Select the PSC8 for use with NDS-8 or the PSC11 for use with NDS-11 sockets. Comes in sets of two.

**P/N:** •PSC8
•PSC11

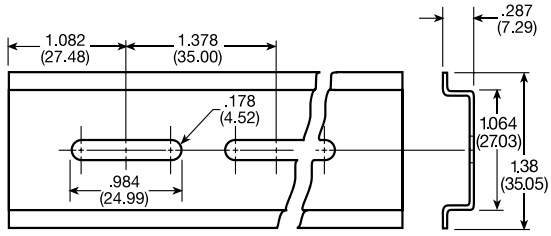


## DIN Rail

### Description

Industry standard 35 mm aluminum or steel DIN rail. C103PM aluminum rail is available in 36 in. (91.4 cm) lengths.

**P/N:** • C103PM (Al)




Inches (Millimeters)

C103PM Aluminum Rail
(Prepunched cut out dimensions are approximate.)

Approvals:

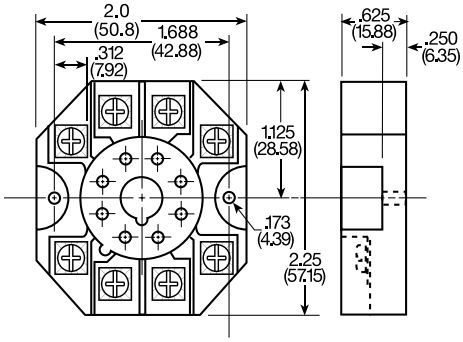
## Surface Mount Sockets

## 8 Pin Octal Socket (600 VAC)

### Description

8 pin surface mount socket with binder head screw terminals. Rated 10 A at 600 V AC. When used with TDM, TDB, TDS Series timers the combination is UL Listed. Uses PSCRB8 hold-down brackets.

**P/N:** • P1011-6




Inches (Millimeters)

## Hold-Down Brackets

### Description

Designed for use with P1011-6 socket. Securely mounts 8 pin plug-in controls in any position, and provides protection against vibration. Comes in sets of two.

**P/N:** • PSCRB8

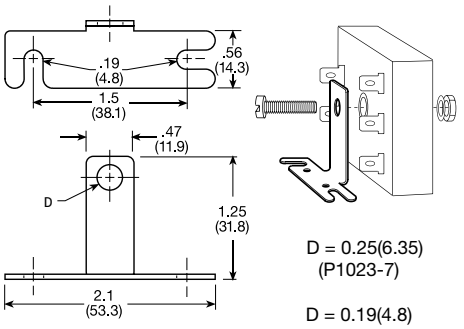
# Mounting Methods, Terminals, Varistors, Cover and Marker

## Mini-Mount/Standard Mount Bracket

### Description

Provides a convenient method of mounting 2 x 2 x 1.21 in. (50.8 x 50.8 x 30.7 mm) or 2 x 3 x 1.5 in. (50.8 x 76.2 x 38.1 mm) modules. The 90° orientation of mounting slots makes installation/removal of modules quick and easy. The P1023-6 secures to module with a #8 (M4 x 0.7) screw. The P1023-7 secures to 2 x 2 x 1.21 in. (50.8 x 50.8 x 30.7 mm) module with Mini-Pot for local adjustment. Made from steel with a cadmium surface finish.

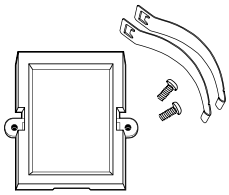
| Mounting Method | Mounting Hole Size | P/N |
|---|---|---|
| #8 (M4 x 0.7) screw | 0.19 in. (4.8 mm) | •P1023-6 |
| Mini-Pot | 0.25 in (6.35 mm) | P1023-7 |




Inches (Millimeters)

D = 0.25(6.35)
(P1023-7)

D = 0.19(4.8)
(P1023-6)

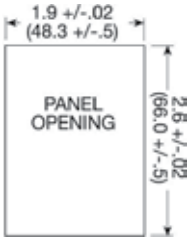


## Front Panel Mount Kit

### Description

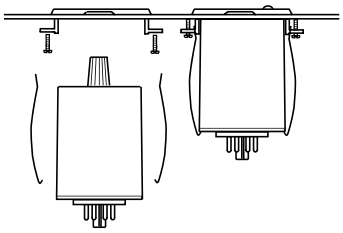
Provides an easy method of through-the-panel mounting of 8 or 11 pin plug-in timers, flashers, and other controls. May be mounted in panels up to 0.125 in. (3.2 mm) thick. Includes two clamps and two screws.

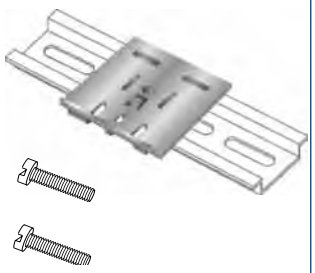
**P/N:** •BZ1




Inches (Millimeters)

Illustrates panel opening size required to mount BZ1.



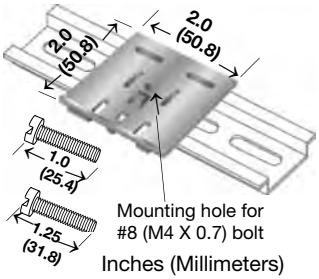


## DIN Rail Mount Adaptor

### Description

Allows any 2 x 2 in. (50.8 x 50.8 mm) or 2 x 3 in. (50.8 x 76.2 mm) module to be mounted on a 35 mm DIN type rail. Comes complete with mounting hardware for 0.75 in. (19 mm) and 1 in. (25.4 mm) thick modules.

**P/N:** •P1023-20




Inches (Millimeters)

## Heat Sink Compound Single Package

### Description

Single package of heat sink compound sufficient to mount one high current, plated 2” x 2” (50.8 x 50.8 mm) timer or flasher. Contains approximately 2 grams.

**P/N:** •P0200-19

## Heat Sink Compound

### Description

Bulk heat sink compound sufficient to mount over 50 high current, plated 2” x 2” (50.8 x 50.8 mm) timers or flashers. Contains approximately 100 grams.

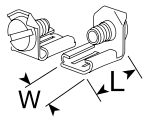
**P/N:** • P0200-20

## Quick Connect Screw Adaptor

### Description

Screw adaptor terminal designed for use with all modules with 0.25 in. (6.35 mm) male quick connect terminals. Screw terminal accepts ring or spade terminals.

**P/N:** •P1015-18



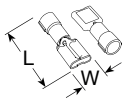

L = 0.55 (41.0)
W = 0.32 (8.1)
Inches (Millimeters)

## Female Quick Connect Terminals

### Description

These 0.25 in. (6.35 mm) female terminals are constructed with an insulator barrel to provide strain relief.

| Part Number | Wire Size |
|---|---|
| P1015-13 | AWG 10/12 (5.3/3.2 mm²) |
| •P1015-64 | AWG 14/16 (2.5/1.3 mm²) |
| P1015-14 | AWG 18/22 (0.93/0.33 mm²) |




L = 0.83 (21.1)
W = 0.3 (7.6)
Inches (Millimeters)

## Metal Oxide Varistors

| P/N | Max. Operating Voltage DC (V) | Max. Operating Voltage AC (V) | Max Impulse Current 80/20 us current wave (A) | Varistor Voltage at 1 mA DC Test Current Min.(V) | Varistor Voltage at 1 mA DC Test Current Max.(V) | Peak Clamping Voltage with 80 us wave Vc (V) | Peak Clamping Voltage with 80 us wave Ip (A) | Capacitance (pF) | Size (mm) |
|---|---|---|---|---|---|---|---|---|---|
| P1012-27 | 200 | 150 | 1200 | 212 | 268 | 395 | 10 | 150 | 7 |
| P1012-25 | 200 | 150 | 4500 | 212 | 268 | 395 | 50 | 800 | 14 |
| P1012-3 | 369 | 275 | 1200 | 389 | 515 | 775 | 10 | 85 | 7 |
| P1012-6 | 369 | 275 | 4500 | 389 | 475 | 710 | 50 | 450 | 14 |

**Available Models-**

1012-25

**Don't see what you need? Call us for a minimum quantity and price quote!**

# Timer Adjustment Options and Dials

Approvals: cULus

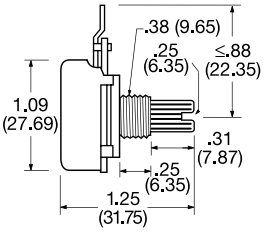
## Versa-Pot

### Description

Panel mountable, industrial potentiometer recommended for remote time delay adjustment. The shaft is slotted for screwdriver adjustment and serrated for slip-proof finger adjustment. Accepts Versa-Knob or Lock Shaft. May be ordered with two 8 in. (20.3 cm) wires soldered to pot (clockwise increase) and female quick connect terminals on other ends by adding suffix -X to end of part number.

| Specifications | |
|---|---|
| Rating | 0.25W at 55°C |
| Taper | Linear |
| Shaft Rotation | 300° +/-5° |
| Tolerance | +/-10% |

| Versa Pot P/N | With Wire Leads | Value |
|---|---|---|
| P1004-198 | | 25KΩ |
| P1004-199 | | 50KΩ |
| P1004-95 | •P1004-95-X | 100KΩ |
| P1004-17 | | 500KΩ |
| •P1004-16 | •P1004-16-X | 1 MΩ |
| P1004-15 | | 1.5 MΩ |
| •P1004-12 | •P1004-12-X | 3 MΩ |
| P1004-13 | | 5 MΩ |



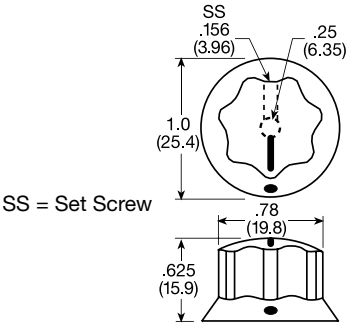

Inches (Millimeters)

## Versa-Knob

### Description

Versa-Knob is designed for 0.25 in (6.35 mm) shaft of Versa-Pot or Q-Pot. Semi-Gloss industrial black finish.

**P/N:** •P0700-7




SS = Set Screw

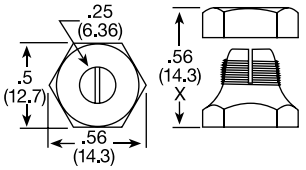
Inches (Millimeters)

## Lock Shaft

### Description

Fits 0.25 in. (6.35 mm) potentiometer shafts. Locks by tightening nut onto four tapered/slotted fingers. Pressure on the shaft locks control against mis-adjustment. Nickel plated brass finish.

**P/N:** P0700-8




X = Locked on shaft

Inches (Millimeters)

# Timer Adjustment Options and Dials

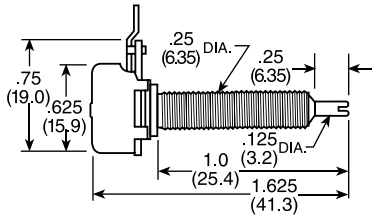
## Mini-Pot

### Description

A high quality, industrial potentiometer for remote time delay adjustment. The shaft extends through the timer's center hole for easy panel mounting. Use mini-mount bracket for standup mounting of timer. Adjustment by screwdriver or mini-knob. May be ordered with two 3 in. (7.6 cm) wires soldered to pot (clockwise increase) and female quick connect terminals on other ends by adding suffix -X to end of part number.

| P/N | With Wire Leads | Value |
|---|---|---|
| P1004-10 | P1004-10-X | 1 MΩ |
| P1004-31 | P1004-31-X | 3 MΩ |

| Specifications | |
|---|---|
| Rating | 0.25W at 55°C |
| Taper | Linear |
| Shaft Rotation | 300° +/-5° |
| Tolerance | +/-10% |



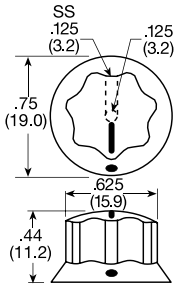

Inches (Millimeters)

## Mini-Knob

### Description

Black plastic control knob with fluted body and white index/dot for setting accuracy. Mounts on 0.125 in. (3.2 mm) shaft of Mini-Pot.

**P/N:** •P0700-21




SS = Set Screw
Inches (Millimeters)


## Time Adjustment Dials

### Description

Dials for use with remote Versa-Pot and panel mounted Mini-Pot. Reverse screen printed on clear plastic to avoid damage to printed image.

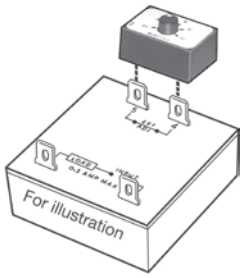
| P/N | Range | Increments | P/N | Range | Increments |
|---|---|---|---|---|---|
| P0400-12 | .05 ... 1s | 0.1s | P0400-20 | 2 ...180s | 30s |
| P0400-13 | .05 ... 2s | 0.2s | P0400-21 | 0.1 ... 4m | 0.5m |
| P0400-14 | .05 ... 3s | 0.5s | P0400-22 | 0.1 ... 5m | 0.5m |
| P0400-15 | 0.1 ... 5s | 0.5s | P0400-23 | 0.1 ... 6m | 1m |
| P0400-82 | 0.1 ... 10s | 1s | P0400-24 | 0.1 ... 7m | 1m |
| P0400-17 | 1 ... 30s | 5s | P0400-25 | 0.1 ... 8m | 1m |
| P0400-83 | 1 ... 60s | 10s | P0400-26 | 0.1 ... 10m | 1m |
| P0400-19 | 2 ...120s | 20s | P0400-27 | 0...10 | MRD* |

*Multiplier Reference Dial

### Available Models-

P0400-17
P0400-83
P0400-27
P0400-86
•P0400-82

**Don't see what you need? Call us for a minimum quantity and price quote!**

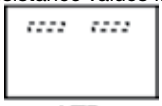



Approvals:

## VTP

### Description

The VTP Series mounts on modules with in-line adjustment terminals. Rated at 0.25W at 55°C. Available in resistance values from 5KΩ to 5MΩ.



**Top View**

VTP

### Ordering Table (select one from each column)

| Series | $R_T$ Value | Range |
|---|---|---|
| VTP | A – 5KΩ | A – 0.05 ... 1 s |
| | B – 10KΩ | B – 0.05 ... 3 s |
| | C – 20KΩ | C – 0.1 ... 10 s |
| | D – 50KΩ | D – 0.5 ... 10 s |
| | 0 – 250KΩ | E – 0.5 ... 20 s |
| | 1 – 0.5 MΩ | F – 0.5 ... 60 s |
| | 2 – 1 MΩ | G – 1 ... 100 s |
| | 3 – 2 MΩ | H – 2 ... 120 s |
| | 4 – 3 MΩ | J – 2 ... 180 s |
| | 5 – 5 MΩ | K – 10 ... 1000 s |
| | | L – 0.1 ... 4 m |
| | | M – 0.1 ... 6 m |
| | | N – 0.1 ... 10 m |
| | | P – 1 ... 100 m |
| | | R – 0 ... 10 MRD* |
| | | S – 0.1 ... 8 m |
| | | T – 0.1 ... 5 m |
| | | X – All time range labels |

*Multiplier Reference Dial

### Available Models-

VTP0E
VTP2A
VTP2F
VTP2P
•VTP4F
•VTP5G
VTPDF
VTP1B
VTP2C
VTP2G
VTP3B
•VTP4J
•VTP5N
VTP1D
VTP2E
VTP2J
•VTP4B
VTP5C
VTP5P

**Don't see what you need? Call us for a minimum quantity and price quote!**

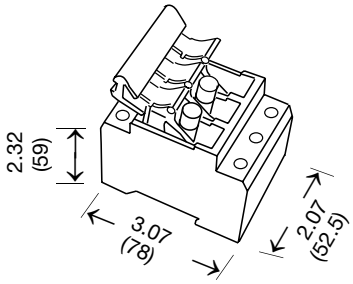
## Three Phase Fuse Block/Disconnect

### Description

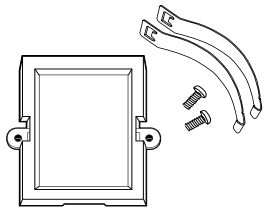
Three phase fuse block disconnect designed for use with HRC midget fuses [1.5 x .41 in. (38.1 x 10.4 mm)] rated up to 30 A at 600 V AC. DIN3 rail mounting. 3.9 x 2.09 x 2.2 in. (99 x 53.1 x 55.9 mm)

**Midget Fuse**

Fast acting fuse for use with voltage monitors. Rated 2 A at 500 V AC. 1.5 x .41 in. (38.1 x 10.4 mm)




| Part Number | Description |
|---|---|
| •FH3P | 3 Pole Fuse Block |
| •P0600-11 | Midget Fuse |

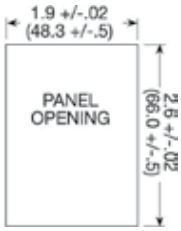


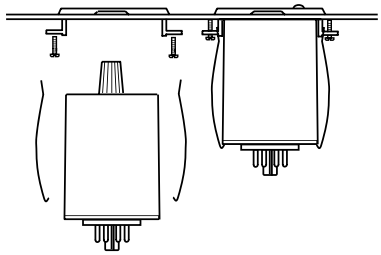
## Front Panel Mount Kit

### Description

Provides an easy method of through-the-panel mounting of 1.78 x 2.39 in.(60.7 x 45.2 mm) 8 or 11 pin plug-in controls. May be mounted in panels up to 0.125 in. (3.2 mm) thick. Includes two clamps and two screws.

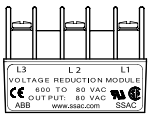
**P/N:** •BZ1



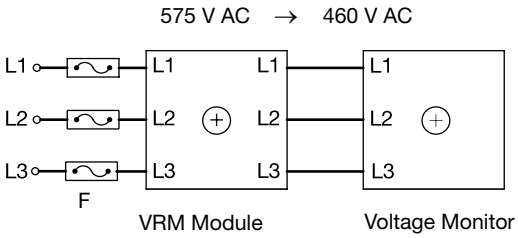
Inches (Millimeters)

Illustrates panel opening size required to mount BZ1.




The VRM6048 Accessory Module allows the voltage monitor to monitor a 3-Phase 550 ... 600 V AC Line. The VRM can be used with voltage monitor series: TVM, TVW, PLM, PLR, and PLS manufactured after December 2003.

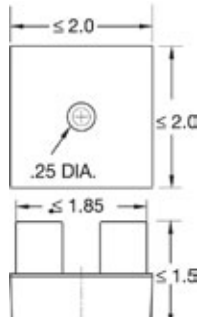
## Accessory Module




**P/N:** VRM6048

* The VRM6048 must be connected as shown. If the voltage monitor is disconnected, the VRM output voltage equals the input voltage.

Adjustment: If the measured line voltage is 575 V AC, connect as shown and adjust/select the voltage monitor for 460 V AC operation.




Inches (Millimeters)

F = 2 A Fast Acting Fuses are recommended but not required.

Voltage:

| INPUT | *OUTPUT |
|---|---|
| 600 V AC | 480 V AC |
| 575 V AC | 460 V AC |
| 550 V AC | 440 V AC |

Package: Molded Housing with Encapsulated Circuitry

Mounting: Surface Mount with One #10 (M5 x 0.8) Plastic Screw. May be DIN Rail Mounted Using P1023-20 Adaptor.

Termination: Screw Terminals with Captive Wire Clamps for up to No.12 AWG Wire.

Operating: -40°C to +70°C

Storage: -40°C to + 85°C

Humidity: 95% Relative, Non-Condensing

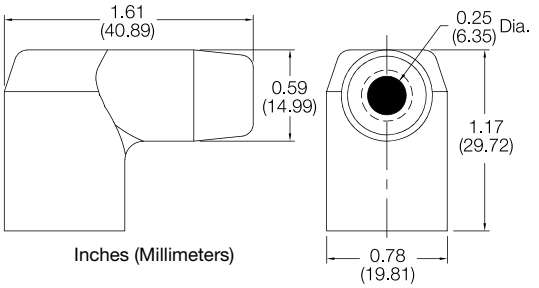
# Liquid Level Probes and Probe Holders

## Liquid Level Control Electrodes

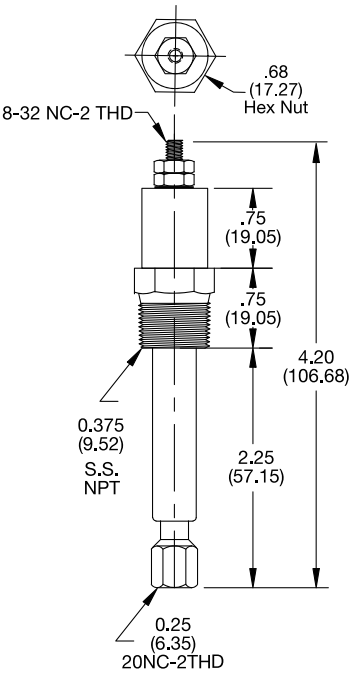
### Description

Designed for use with all conductive liquid level controls. Composed of insulators and metal parts made of number 300 series stainless steel. These internally conductive probe holders are designed for a maximum steam pressure of 240 PSI; 400 degrees F maximum. Maximum voltage from electrode to ground.

| Part Number | Description |
|---|---|
| •PHST-38QTN | Probe Holder (UL353 Recognized) |
| •P0700-409 | Protective Boot |




Inches (Millimeters)



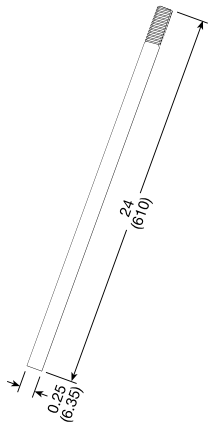

Inches (Millimeters)

## Liquid Level Probe

### Description

Threaded stainless steel probe measuring 24 in. (61 cm) long. Designed for use with PHST-38QTN liquid level control electrodes.

**P/N:** •LLP-24




Inches (Millimeters)