

Accessories

DIN Rail/Surface Mount Sockets



DIN Rail Mount Sockets	
■ 8 pin 600 V AC	12.2
■ 8 pin 600 V AC	12.2
■ 11 pin 600 V AC	12.2
Hold Down Clips	12.2
DIN Rail	12.3
Surface Mount Sockets	
■ 8 pin 600 V AC	12.3
■ Hold Down Brackets	12.3

Mounting Methods, Terminals, Varistors, Cover and Marker



■ Mini Mount/Standard Bracket	12.4
Front Panel Mount Kit	12.4
DIN Rail Mount Adaptor	12.4
■ Heat Sink Compound	12.4
■ Quick Connect Screw Adaptor	12.5
■ Female Quick Connect Terminals	12.5
Metal Oxide Varistors	12.5
Sealable Transparent Cover	12.5
Marker Incort	125

■ Marker Insert 12.5

Timer Adjustment Options & Dials



Versa Pot	12.6
■ Q-Pot	12.6
■ Versa Knob	12.6
Lock Shaft	12.6
Mini Pot	12.7
Mini Knob	12.7
Time Adjustment Dials	12.7
■ VTP/VTR	12.7

Motor Protectors



■ Three Phase Fuse Block/Disconnect	.12.9
Front Panel Mount Kit	12.9
■ Voltage Reduction Module	12.9
-	

Liquid Level Probes & Probe Holders





Mounting Sockets

















12

DIN Rail or Surface Mount Sockets 8 Pin Octal Socket (600 VAC)

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.



8 Pin Octal Socket (600 VAC)

Description

May be surface mounted with two #6 (M 3.5×0.6) 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

11 Pin Magnal Socket

Description

May be surface mounted with two #6 (M 3.5×0.6) 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

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.





Inches (Millimeters)





Inches (Millimeters)



Inches (Millimeters)

Mounting Sockets





DIN Rail

Description

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





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



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.





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 $2 \times 2 \times 1.21$ in. (50.8 x 50.8 x 30.7 mm) or $2 \times 3 \times 1.5$ 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 $2 \times 2 \times 1.21$ 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



Front Panel Mount Kit

Description

Provides an easy method of through-thepanel 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



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





Heat Sink Compound Single Package

Description

Single package of heat sink compound sufficient to mount one high current, plated $2" \times 2"$ (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

Mounting Methods, Terminals, Varistors, Cover and Marker





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

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 mm ²)
•P1015-64	AWG 14/16 (2.5/1.3 mm ²)
P1015-14	AWG 18/22 (0.93/0.33 mm ²)



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





Metal Oxide Varistors

	Max. O Volt	perating tage	Max Impulse Current 80/20 us current wave	Varistor Voltage a t 1 m ADCT est Current		Peak Cla Voltage 80 us v	amping e with wave	Capacitance	Size
P/N	DC (V)	AC (V)	(A)	Min.(V)	Max.(V)	Vc (V)	lp (A)	(pF)	(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

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.

Versa Pot		
P/N	With Wire Leads	Value
P1004-198		25ΚΩ
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

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



SS = Set Screw (3.96) (3.96) (3.96) (6.35) (6.35) (1.0) (25.4) (19.8)



X = Locked on shaft Inches (Millimeters)



Approvals: Approvals:

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



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

12

Timer Adjustment Options and Dials











Available Models-

	VTP2A
R	VTP2F
ŝ	VTP2P
Ř	 VTP4F
1	 VTP5G
00	VTPDF
1	

VTP0E

	• •	•		
۱	/T	Ρ	2F	-
١	/T	Ρ	2F	C
•\	/T	Ρ	4F	-
•\	/T	Ρ	50	3
١	/T	Ρ	DI	-

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

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

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

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	2180s	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	2120s	20s	P0400-27	010	MRD*

Available Models-

P0400-17	P0400-27
P0400-83	P0400-86

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

VTP

Description

•VTP5N

The VTP Series mounts on modules with in-line adjustment terminals. Rated at 0.25W at 55°C. Available in resistance values from $5K\Omega$ to $5M\Omega$.



Ordering Table (select one from each column) Se

*Multiplier Reference Dial

Series R _T Value		F	Rang	е			
VTP	Α –	5ΚΩ	A – (0.05		1 s	
	В –	10K Ω	B – (0.05		3 s	
	C –	20KΩ	C –	0.1		10 s	
	D –	50KΩ	D –	0.5		10 s	
	0 -	250KΩ	Е-	0.5		20 s	
	1 -	0.5 MΩ	F -	0.5		60 s	
	2 -	1 MΩ	G –	1		100 s	
	3 -	2 ΜΩ	Н –	2		120 s	
VIPID	4 -	3 MΩ	J –	2		180 s	
VIP2E	5 -	5 MΩ	K –	10		1000 s	
VIP2J			L –	0.1		4 m	
•VTP4B			М –	0.1		6 m	
VTP5C			N –	0.1		10 m	
VTP5P			P –	1		100 m	
			R –	0	1	0 MRD*	
			S –	0.1		8 m	
			Т –	0.1		5 m	
*Multiplier	Refer	ence Dial	X – .	All tir	ne i	range lat	bels



Inches (Millimeters)





•P0400-82

Motor Protectors









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.

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

Accessory Module

Description

Provides an easy method of through-thepanel 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.



2.32 (59)

Inches (Millimeters)

Illustrates panel opening size required to mount BZ1.

≤2.0 ≤ 2.0 .25 DIA. ≤ 1.85 .5

Inches (Millimeters)

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

Operating: -40°C to +70°C Storage: -40°C to + 85°C Humidity: 95% Relative, Non-Condensing

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.

MP001B01 09 .10







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.

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

12



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





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

୍ କ୍ଷ୍ମିକ୍ Inches (Millimeters)

(610) (610)