



PUTTING **POWER** TO WORK



**PELTEC**  
Timers & Controls

PELTEC TIMERS & CONTROLS  
Product & Solution Overview

**PELCO COMPONENT TECHNOLOGIES**

## 100 / 600 SERIES

### Universal Voltage Relay Timers

Available in a wide variety of timing modes including: Delay on Make, Delay on Break, Recycle, True Off Delay and Multi Function. DIN Rail design ensures easy installation.



Peltec 182  
Timer



Peltec 619  
Digital Timer

<b>102 Timer</b> DUAL TIME ADJUST REPEAT CYCLE TIMER	<b>103 Timer</b> MOTOR START TIMER STAR/DELTA	<b>161 Timer</b> UNIVERSAL AC/DC WIDE VOLTAGE TIMER	<b>181 Timer</b> SINGLE FUNCTION TIME RELAY
<ul style="list-style-type: none"> <li>• 2 Timing modes</li> <li>• Timing mode choice by an external jumper</li> <li>• Time range 0.1 second – 100 days. 10 time ranges available</li> <li>• Time adjustments by rotary switches and potentiometer</li> </ul>	<ul style="list-style-type: none"> <li>• Time setting t1 <math>\Delta</math> (Star): Time range 0.1 second – 100 days. 10 time ranges available</li> <li>• Coarse time setting by rotary switch</li> <li>• Time setting t2 (delay) between <math>\Delta/\Delta</math>. Time range 0.1 – 1 second</li> <li>• Fine time setting by potentiometer</li> </ul>	<ul style="list-style-type: none"> <li>• 6 Timing modes</li> <li>• Time range 0.1 second – 10 hours. 6 time ranges available</li> <li>• Output indicator: Red LED</li> <li>• Simple timing mode and time range settings by rotary switches</li> </ul>	<ul style="list-style-type: none"> <li>• Choice of three timing modes:                             <ul style="list-style-type: none"> <li>» 181 ZR – Delay on Make</li> <li>» 181 ZN – Delay on Break</li> <li>» 181 BL – Repeat Cycle</li> </ul> </li> <li>• Timer controlled via input voltage or control switch</li> <li>• Relay output form: SPDT – 16 Amps</li> </ul>
<b>182 Timer</b> TRUE OFF DELAY / DELAY ON MAKE TIMER	<b>191 Timer</b> MULTIFUNCTION TIMER	<b>193 Timer</b> MULTIFUNCTION TIMER	<b>619 Digital Timer</b> DAILY / WEEKLY DIGITAL TIMER
<ul style="list-style-type: none"> <li>• 2 Timing modes adjustable via rotary switch:                             <ul style="list-style-type: none"> <li>» a – True Off</li> <li>» e – Delay on Make</li> </ul> </li> <li>• Relay output form: DPDT – 8 Amps</li> </ul>	<ul style="list-style-type: none"> <li>• Input voltage 12-240 VAC / VDC</li> <li>• Relay output form: SPDT – 16 Amps</li> <li>• Ten selectable timing modes:                             <ul style="list-style-type: none"> <li>» 4 controlled via input voltage</li> <li>» 5 controlled via control switch</li> <li>» 1 with memory alternator</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• Input voltage 12-240 VAC / VDC</li> <li>• Relay output form: 3PDT – 8 Amps</li> <li>• Ten selectable timing modes:                             <ul style="list-style-type: none"> <li>» 4 controlled via input voltage</li> <li>» 5 controlled via control switch</li> <li>» 1 with memory alternator</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• User-programmable 24-hour, 7-day digital timer</li> <li>• 15 different program periods built in.</li> <li>• Set automatic On/Off cycles; use manual override when needed</li> <li>• Real-time 24/7 accuracy to the minute</li> </ul>

## 500 SERIES

### Plug-In Multifunction Timers

11-pin plug-in base with relay output with 16Amps rated current.

Timing modes include: Delay on Make, Interval On, Repeat Cycle Off/On, Repeat Cycle On/Off, Delay on Break, Single Shot, Single Shot on Break, On Delay / Off Delay, Alternator and Delayed Interval.

Onboard pots with LED Input and output indicators. These timers have CE approvals and are RoHS compliant. Suitable for octal or magnal mounting. Optional sockets for easy DIN Rail installation.



Peltec 502  
Multifunction Timer

<b>502 Timer</b> 11-PIN PLUG-IN MULTIFUNCTION TIMER	<b>503 Timer</b> 11-PIN PLUG-IN MULTIFUNCTION TIMER	<b>504 Timer</b> 11-PIN PLUG-IN MULTIFUNCTION TIMER	<b>505 Timer</b> 11-PIN PLUG-IN MULTIFUNCTION TIMER
<ul style="list-style-type: none"> <li>• Potential-free control input</li> <li>• 10 selectable timing modes</li> <li>• Time range 50 ms – 30 days</li> <li>• SPDT / 2x changeover, 16 amps rated current</li> <li>• 11-pin plug-in mounting</li> </ul>	<ul style="list-style-type: none"> <li>• Inhibit delay</li> <li>• 10 selectable timing modes</li> <li>• Time range 50 ms – 30 days</li> <li>• SPDT / 2x changeover, 16 amps rated current</li> <li>• 11-pin plug-in mounting</li> </ul>	<ul style="list-style-type: none"> <li>• Potential-free control input</li> <li>• 10 selectable timing modes</li> <li>• Time range 50 ms – 30 days</li> <li>• SPDT / 2x changeover, 16 amps rated current</li> <li>• 11-pin plug-in mounting</li> </ul>	<ul style="list-style-type: none"> <li>• Inhibit delay</li> <li>• 10 selectable timing modes</li> <li>• Time range 50 ms – 30 days</li> <li>• SPDT / 2x changeover, 16 amps rated current</li> <li>• 11-pin plug-in mounting</li> </ul>

## 200 SERIES

### Voltage and Phase Monitoring Controls

Phase monitoring is available from 208 to 575 Volts. Voltage Monitoring is available from 24 to 276 Volts. DIN Rail design ensures easy installation.

<b>233 Monitor</b> VOLTAGE MONITOR	<b>234 Monitor</b> DC VOLTAGE MONITOR	<b>235 Monitor</b> VOLTAGE MONITOR	<b>237 Monitor</b> VOLTAGE MONITOR
<ul style="list-style-type: none"> <li>Controls supply voltage for equipment sensitive to supply tolerance and offers protection against over / under voltage conditions</li> <li>Monitors voltage range of 48 to 276VAC</li> <li>Adjustable time delay up to 10 seconds to avoid nuisance tripping</li> </ul>	<ul style="list-style-type: none"> <li>Controls supply voltage for equipment sensitive to supply tolerance and offers protection against over / under voltage conditions</li> <li>Monitors voltage range of 6 to 30VDC for battery applications</li> <li>Adjustable time delay up to 10 seconds to avoid nuisance tripping</li> </ul>	<ul style="list-style-type: none"> <li>Controls supply voltage for equipment sensitive to supply tolerance and offers protection against over / under voltage conditions</li> <li>Monitors voltage range of 48 to 276VAC</li> <li>Provides an additional output relay for each voltage level</li> </ul>	<ul style="list-style-type: none"> <li>Controls supply voltage for equipment sensitive to supply tolerance and offers protection against over / under voltage conditions</li> <li>Monitors voltage range of 24 to 150VAC and offers independent monitoring of over / under voltage</li> </ul>
<b>256-208 Monitor</b> VOLTAGE & PHASE MONITOR	<b>256-240 Timer</b> VOLTAGE & PHASE MONITOR	<b>256-400 Monitor</b> VOLTAGE & PHASE MONITOR	<b>256-480 Monitor</b> VOLTAGE & PHASE MONITOR
<ul style="list-style-type: none"> <li>Designed for monitoring 3-phase primaries</li> <li>Maintains functionality in case of one-phase failure</li> <li>Input and monitored input voltage: 3 x 208V</li> </ul>	<ul style="list-style-type: none"> <li>Designed for monitoring 3-phase primaries</li> <li>Maintains functionality in case of one-phase failure</li> <li>Input and monitored input voltage: 3 x 240V</li> </ul>	<ul style="list-style-type: none"> <li>Designed for monitoring 3-phase primaries</li> <li>Maintains functionality in case of one-phase failure</li> <li>Input and monitored input voltage: 3 x 400V</li> </ul>	<ul style="list-style-type: none"> <li>Designed for monitoring 3-phase primaries</li> <li>Maintains functionality in case of one-phase failure</li> <li>Input and monitored input voltage: 3 x 480V</li> </ul>
<b>256-575 Monitor</b> VOLTAGE & PHASE MONITOR	<b>263 Monitor</b> MOTOR START TIMER STAR/DELTA	<b>264 Monitor</b> VOLTAGE MONITOR FOR BATTERY APPLICATIONS	<b>267 Monitor</b> VOLTAGE MONITOR
<ul style="list-style-type: none"> <li>Designed for monitoring 3-phase primaries</li> <li>Input from all phases maintains functionality in case of one-phase failure</li> <li>Input and monitored input voltage: 3 x 575V</li> </ul>	<ul style="list-style-type: none"> <li>Controls supply voltage for equipment sensitive to supply tolerance and offers protection against over / under voltage conditions</li> <li>Monitors voltage range of 48 to 276VAC</li> </ul>	<ul style="list-style-type: none"> <li>Controls supply voltage for equipment sensitive to supply tolerance and offers protection against over / under voltage conditions</li> <li>Monitors voltage range of 6 to 30VDC for battery applications</li> </ul>	<ul style="list-style-type: none"> <li>Controls supply voltage for equipment sensitive to supply tolerance and offers protection against over / under voltage conditions</li> <li>Monitors voltage range of 24 to 150VAC and offers independent monitoring of over / under voltage</li> </ul>

## 300 SERIES

### Over Current Sensors

For AC sensing from .1 to 20 amps. DIN Rail design ensures easy installation.

<b>332 Current Sensor</b> CURRENT SENSOR WITH ADJUSTABLE POTENTIOMETER	<b>351 Current Sensor</b> CURRENT SENSOR WITH FIVE CURRENT RANGE OPTIONS
<ul style="list-style-type: none"> <li>Current toroid located in control, with easy access for connection</li> <li>Current adjustment via potentiometer, 1 to 20 Amps</li> <li>Universal input 24-240VAC and 24VDC</li> </ul>	<ul style="list-style-type: none"> <li>Universal input voltage: 24-240VAC and 24VDC</li> <li>Choice of five AC current ranges</li> <li>Overcurrent sensing with 5% hysteresis when returning from fault condition</li> </ul>

## 400 SERIES

### Universal Voltage Power Relays

Available in 8 amp or 16 amp outputs in 3PDT or SPDT. DIN Rail design ensures easy installation.

<b>4116U Power Relay</b> POWER RELAY SPDT - 16 AMPS	<b>4308U Power Relay</b> POWER RELAY 3PDT - 8 AMPS
<ul style="list-style-type: none"> <li>DIN rail power relay</li> <li>Universal Voltage</li> <li>Relay output form: SPDT - 16 Amps</li> <li>Output indicator is intensified by lens. Red LED is standard, other colors are available</li> </ul>	<ul style="list-style-type: none"> <li>DIN rail power relay</li> <li>Universal Voltage</li> <li>Relay output form: 3PDT - 16 Amps</li> <li>Output indicator is intensified by lens. Red LED is standard, other colors are available</li> </ul>



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