P18-FLEX

Ensure Fleet Productivity with Voltage Protection

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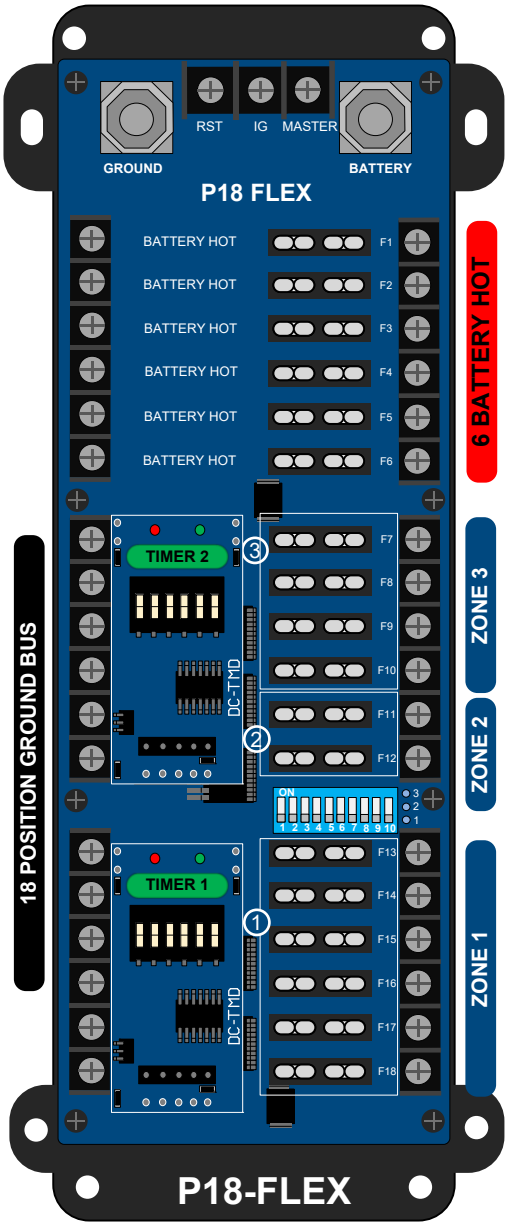
Power 18 Flex Power Distribution Center

The Power 18 Flex provides 6 Battery Hot circuits and 12 outputs in three zones. Each zone can be controlled by the vehicle's ignition, a Master Switch, or one of two DC-TMD timer cards. The Master Switch can be connected to a customer supplied switch or an output from a light and siren controller.

The Power 18 can provide 0, 2, 4, 6, 8, 10, or 12 timed circuits on single timed interval. A second timer card may be added to the panel when a distinct second timed interval is needed.

The Power 18 has a 125 amp max load.



Battery Hot: Red Circuits

- 6 ATO fuses 30A max per terminal.

Amp Rating by Zone

- Zone 1: 6 ATO fuses, 30A per terminal, 60A max total load.
- Zone 2: 2 ATO fuses, 30A per terminal, 30A max total load.
- Zone 3: 4 ATO fuses, 30A per terminal, 45A max total load.

Blue Control DIP Switch:

- The 3 Zones are configured by the blue DIP switches.
- Timer 1, Master or Ignition can control Zones 1, 2, or 3.
- Timer 2 will always control Zone 2.
- Timer 2 may control Zone 3 and Zone 2.
- A Zone can be controlled by more then one input.

Ignition Hot Circuits:

- The IG input pin activates the ignition hot circuits which are set by the blue control DIP switches.
- 0, 2, 4, 6, 8, 10, or 12 Ignition Circuit configurations can be created with the P18-FLEX.

Master Switch Circuits:

- The Master input pin activates the Master hot circuits which are set by the blue control DIP switches.
- 0, 2, 4, 6, 8, 10, or 12 Master Circuit configurations can be created with the P18-FLEX.

Timed Circuits:

- 0, 2, 4, 6, 8 10, or 12 Timed circuit configurations can be created with the P18-FLEX with a single timer card.
- An available 2nd timer card is sold separately.
- The IG input pin activates the timer card.
- Black DIP switches 1-4 control the timed interval.
- Black DIP switch 5 controls the Ignition Optional feature.
- Black DIP switch 6 controls the Low Voltage Disconnect.
- Do not set the blue DIP switch to ignition control for the zone if timed circuits are desired, this will override the over-voltage protection.

Reset Pin RST:

- 12VDC + to the RST pin will shut down the timer.
- A momentary input is recommended.
- The RST pin will clear the LED fault codes.

DC-TMD Timer Cards:

One DC-TMD timer card is included with the Power 18. The single timer card can control up to 12 fused outputs. A second DC-TMD timer card can be purchased to allow for a distinct second timed interval. The timer cards are programmed by the six position DIP switch to select one of 16 timed intervals from 1 minute to the infinite mode. The low voltage cut-off may be programmed for either 11.75 VDC or 11.00 VDC.

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