

# Multi-Timer Fuse Distribution System

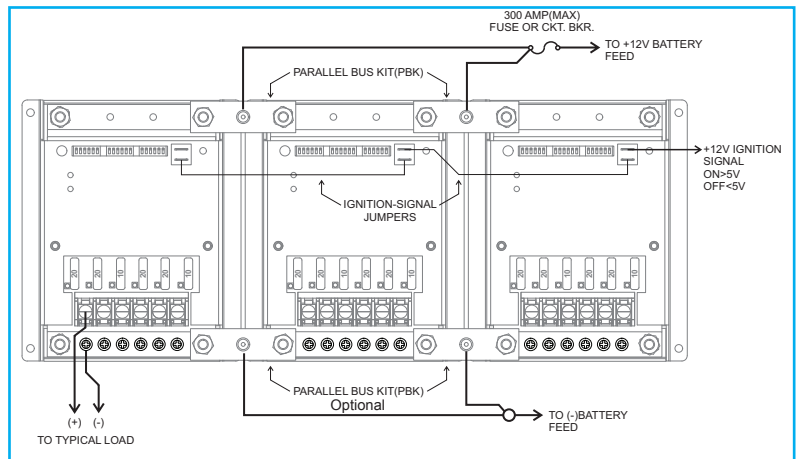
- Simplifies installation and wiring of vehicle electronics
- 6 fused circuits with multiple timers provide independent circuit deactivation and conserve battery power:
  - Programmable timers disconnects selected loads after ignition is off
  - Programmable Low Battery Voltage Disconnect points
- Modular design - compact 6 circuit modules easily bus together providing expansion to meet load requirements

## Features

- Quick and easy way to connect, protect, and program power to emergency and service vehicle accessories
- Provides 6 dedicated fused circuits configured in 3 load group to power radios, emergency lights, siren, video, MDT, radar, and more
- 3 independent timers provide flexible circuit activation/deactivation allow installer to set battery power use priority for each 2 circuit Load Group:
  - Powered Only With Ignition
  - Timed Disconnect
  - Always On With Load Group LVD
  - Always On, No Load Group LVD
- Each circuit is fuse protected with LED indicator which identifies the blown fuse position, simplifying trouble shooting
- Master Low Voltage Disconnect protects batteries from extreme discharge
- Heavy duty studs for battery connections
- Screw terminals for secure load connections
- Increase circuit capacity by wiring multiple units using parallel busing kit
- Sum two fused circuits into one high power (40A) circuit using parallel kit



## Expanded System Example: 3 x MT-FD-6, 18 Circuits



Model	Circuits	Timers	Max Loads
MT-FD 6	6	3	100A Total, 20A per position

## General Specifications

**Input:** 12V, neg. ground  
**Power Consumption:** Idle: 8mA, Active: 180 mA/circuit  
**Maximum Load:** Module: 100A, 20A max. per fuse position  
**Maximum Load:** Per System: 3 modules wired in parallel, 18 circuits  
**Fuse Type:** ATC/ATO (not included)  
**Programmable Shutdown per Load Group:** 2 min. – 13 hours  
**Programmable Disconnect Range:** 11.8 - 10.6V DC  
**Master Low Voltage Disconnect:** @ 10.5V (factory programmable 10.0 - 11.8V)

## Mechanical

**Dimensions/Weight:** 2.0" H x 5.2" W x 6.2" D/2 Lbs.  
**Case:** Powder coated aluminum  
**Bus:** Nickel plated copper  
**Protective Cover:** Top panel connections and switches  
**Options:**

- Parallel Bus Kit (PBK) for circuit expansion
- Parallel Terminal Kit (PTK) for summing two fused circuits into one



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