

Multi-Timer Fuse Distribution System

New!



- 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/Benefits

- 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

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

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

Dimensions (H x W x D): 2.0" x 5.2" x 6.2"

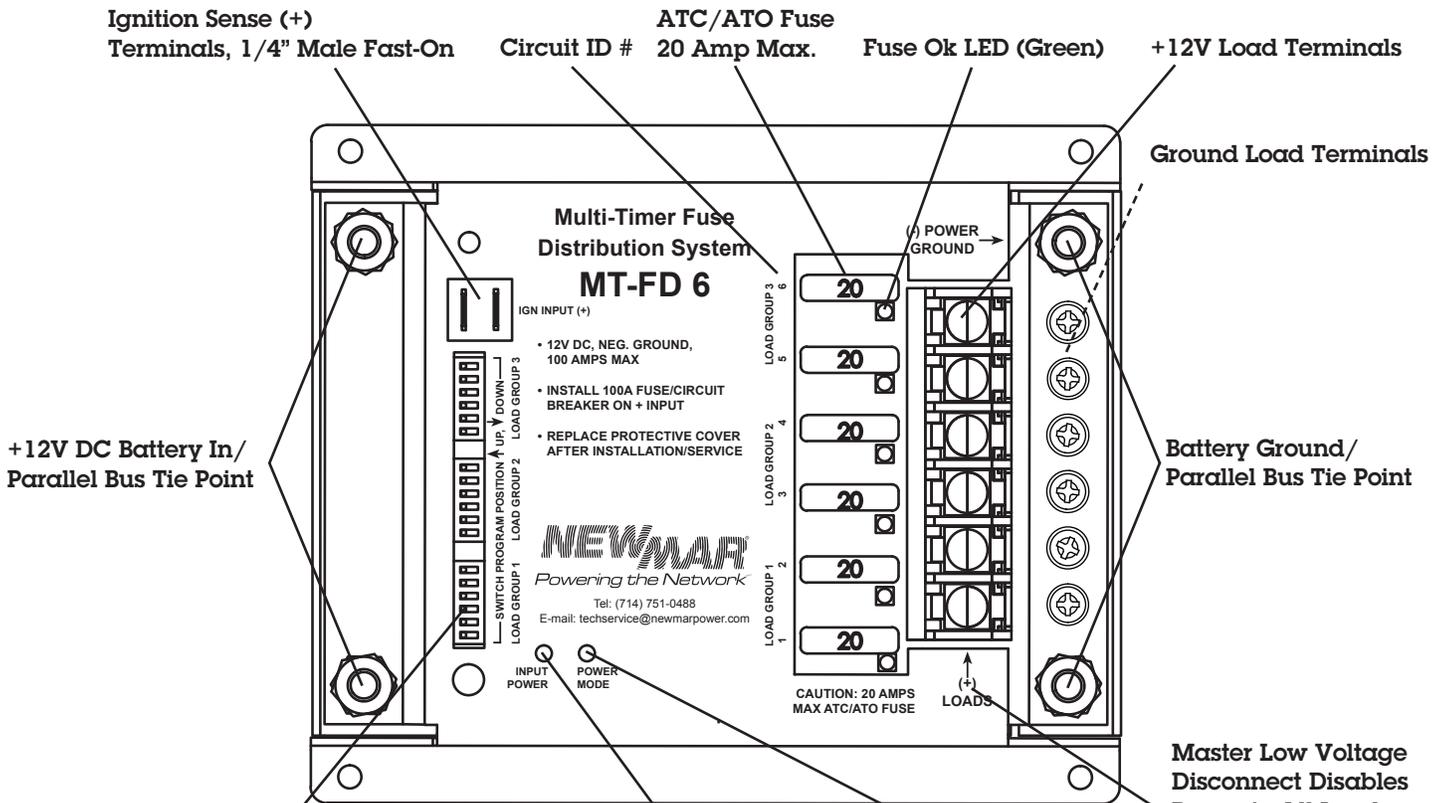
Weight: 2 lbs

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



Powering the Network

Multi-Timer Fuse Distribution System



Dip Switch Modules Set Power Activation Parameters Per Load Group:

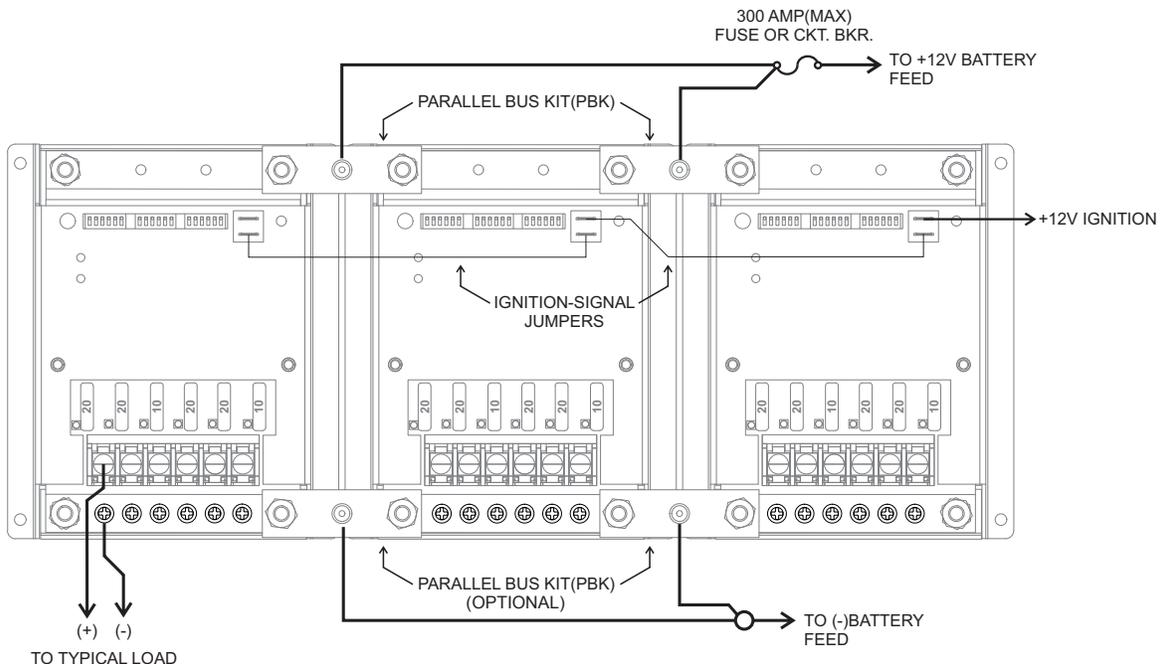
- Powered Only With Ignition
- Timed Disconnect
- Always On with Adjustable Load Group LVD
- Always On, No Load Group LVD

Battery Input OK (Green)

Status LED (Red)

- Programming Status
- Ignition OFF
- Over Voltage Shutdown
- Under Voltage Shutdown

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



Powering the Network