BTF multi-pole battery terminal fuses

**Description:**
Eaton Bussmann™ series BTF battery terminal fuses contain one or more fuse elements of differing amp ratings for protecting circuits in a single fuse holder that’s mounted directly on the battery’s terminal.

Their function is to protect the conductors and not the devices on the circuit(s).

They are the OEM equivalent to those part numbers used on popular models of Chrysler, Ford, Lexus, Lincoln, Mercury, Mitsubishi, Nissan, Scion, Subaru, Suzuki, and Toyota vehicles since 2001.

**Specifications:**

**Ratings**
- Volts: 32 Vdc
- Amps: See catalog number table for ratings by catalog number
- Interrupting rating: 1 kA

**Agency information**
- ISO 8820-4
- JASO D612-4
- RoHS compliant

**Terminals**
- M6 stud (BTF-1P- and BTF-2P-)
- M8 stud and OEM connector (BTF-3P- and BTF-5P-)

**Materials**
- Element: Copper alloy
- Body: PS-S-GF35
- Cover: PES

**Environmental**
- Operating temperature range -40°C to 120°C (-40°F to 248°F)

**Dimensions**
- See page 3

**Applications**
- Replacement fuses for automotive OEM part numbers
## BTF multi-pole battery terminal fuses

**Catalog no.** | **OEM part no.** | **Vehicle make** | **Amps** | **Volts** | **Interrupting rating** | **Schematic**
--- | --- | --- | --- | --- | --- | ---
BTF-1P-80 | 82211AG150 | Subaru | 80 | — | — |
BTF-1P-100 | MN164187 | Mitsubishi | 100 | — | — |
BTF-1P-120 | MN164188 | Suzuki | 120 | — | — |
BTF-1P-140 | 82620-33040 | Lexus, Scion, Toyota | 140 | — | — |
BTF-2P-180120 | 68164797-AA | Chrysler | 180, 120 | — | — |
BTF-2P-200100 | BR3Z-14526-AA | Ford | 200, 100 | — | — |
BTF-2P-250125 | AL3Z-14526-AA | Ford | 250, 125 | — | — |
BTF-3P-1206080 | 82620-52080A | Scion, Toyota | 120, 80, 60 | — | — |
BTF-3P-1208080 | 82620-52060A | — | 80, 120 | — | — |
BTF-5P-1010868 | 24380-79910 | — | 100, 60, 80 | — | — |
BTF-5P-1210868 | 24380-79912 | — | 120, 80, 60, 80 | — | — |
BTF-5P-141010108 | 24380-7994A | — | 140, 100, 100, 80 | — | — |
BTF-5P-225106108 | 24380-79919 | — | 225, 100, 60, 80 | — | — |

### Schematics

**Schematic A**

![Schematic A](image1)

**Schematic B**

![Schematic B](image2)

**Schematic C**

![Schematic C](image3)

**Schematic D**

![Schematic D](image4)
BTF multi-pole battery terminal fuses

Dimensions - mm

**BTF-1P**

**BTF-2P**

**BTF-3P**

**BTF-5P**
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