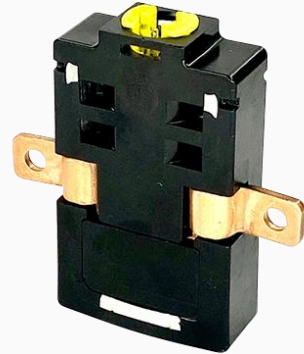


Product Description:

A pyrotechnic igniter drives a piston, which separates the electrical conductor and thus galvanically interrupts the current flow.

- **Current carrying capability 200A at 85° C**
- **Suitable for voltage levels up to 100VDC**
- **Max current breaking capability up to 3kA**
- **Max. inductive switching capacity 10μH**
- **Non-reversible device; for galvanic disconnection**

Note: Each parameter must be considered independently and combination of all max parameters is not applicable



Contact Data

Rated voltage 100V
Load current and cut off bi-directional

Busbar (Current Bar)

Contact raw-material: Copper
Busbar profiles: Cross-section nominal 19 mm²

Operation Time

Release time < 2 ms (@1.75A)

Terminal type:

on busbar M4 screw
interface AK 1

Weight: 60gr.

Typical Applications:

Battery disconnect to prevent fire caused by short circuits or electrical shock during/after an accident.

Resistance & Insulation Data

Busbar resistance (at 23°C)
before operation ≤ 0.10 μΩ
after operation ≥ 10 MΩ

Temperature Range

Environmental temperature -40°C/ + 120°C

Initiator Data

Qualified by AK-LV 16 & USCAR

Initiator resistance ≥1.7 Ω and ≤2.5 Ω

All-fire current ≥1.75 A / 0.5 ms
or ≥1.20 A / 2.0 ms

No-fire current ≤0.4 A
or ≤5.0 A / ≤4 μs

Monitor current: ≤160 mA

Qualification & Logistic

Excluded from Transport Classification 1
Classified as “non-dangerous Good”
CE conformity certification available



Product Characteristics

