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| 381167152 Internal | DATA SHEET |  |
| Valid from: 27.11.2025 | EPIC® BATTERY 120A FEMALE | |

Description

- Reliable locking system provides security against disconnection of the plug connection under load as well as flexible maintenance options.
- Mechanical coding of the connector face and colour coding of the housing prevent incorrect insertion when connecting the battery (black colour for negative pole and red/orange for positive pole).



General Characteristics

| | |
|---------------------------------------|-----------------|
| Series | EPIC® BATTERY |
| Flammability Class according to UL 94 | V-0 |
| Protection (DIN EN 60529) | IP 67 (latched) |
| Pollution degree | III |
| Temperature range | -40°C to +125°C |

Mechanical Characteristics

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|-------------------------------|-------|
| Cycle of mechanical operation | > 100 |
|-------------------------------|-------|

Electrical Characteristics

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|-----------------------|-----------------------------|
| Rated voltage | 1000 V DC |
| Rated current | 120 A |
| Insulation resistance | 10000 MΩ (Room temperature) |

Materials and Surfaces

| | |
|----------|-----------------------------|
| Housing | PA66+GF |
| Contacts | Copper alloy, silver-plated |
| Sealing | Silicone |

Standards

UL 4128

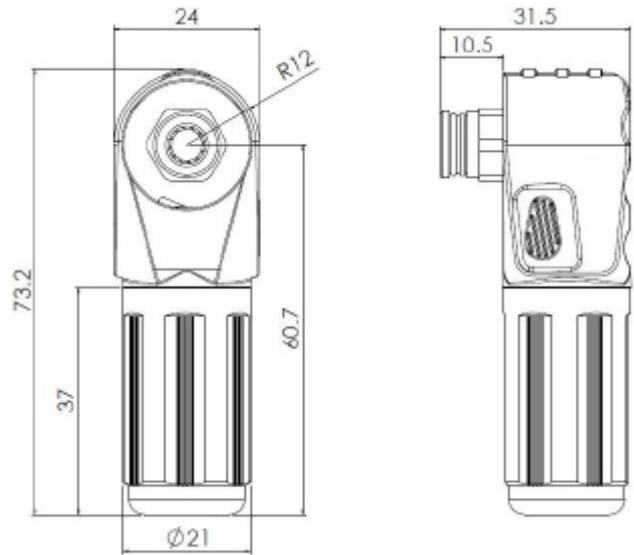
| Article Number | Article | Cross section [mm ²] | Cable clamping range [mm] | Colour / Coding |
|----------------|--------------------------|----------------------------------|---------------------------|--------------------|
| 381167152 | EPIC® BATTERY 120RB7PC02 | 25 | 8,5 - 9,5 | Black / Circular |
| 381167154 | EPIC® BATTERY 120HR7PC02 | 25 | 8,5 - 9,5 | Red / Hexagonal |
| 381167156 | EPIC® BATTERY 120HO7PC02 | 25 | 8,5 - 9,5 | Orange / Hexagonal |

AbN
automation

| | | |
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Technical Drawings



Solar Energy



Waterproof

Application range

For the front-side connection of battery modules within energy storage systems.

Product features

- 360° free rotation
- Protection against electric shock
- Anti misplug
- Push button unlocking

Remark

Photographs are not to scale and do not represent detailed images of the respective products.

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