

381167158 Internal	<b>DATA SHEET</b>	
Valid from: 27.11.2025	<b>EPIC® BATTERY 250A FEMALE</b>	

## 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

Cycle of mechanical operation	> 100
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## Electrical Characteristics

Rated voltage	1500 V DC
Rated current	250 A
Insulation resistance	10000 MΩ (Room temperature)

## Materials and Surfaces

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

## Standards

UL 4128

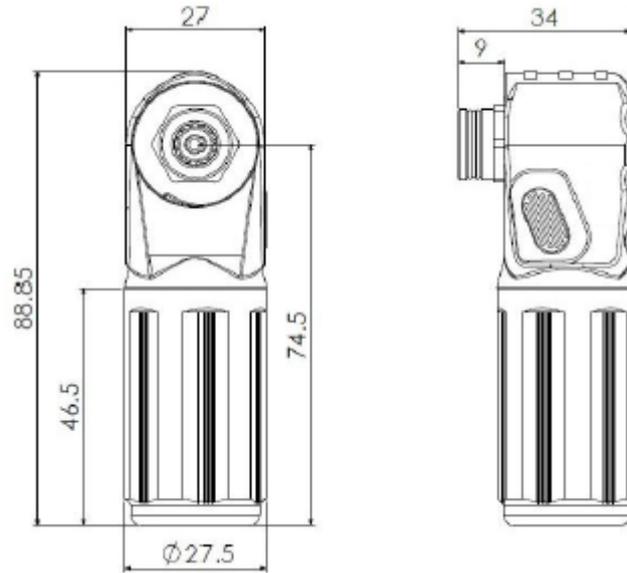
Article Number	Article	Cross section [mm <sup>2</sup> ]	Cable clamping range [mm]	Colour / Coding
381167158	EPIC® BATTERY 250RB7RB01	70	14,5 - 15,5	Black / Circular
381167160	EPIC® BATTERY 250HR7RB01	70	14,5 - 15,5	Red / Hexagonal
381167162	EPIC® BATTERY 250HO7RB01	70	14,5 - 15,5	Orange / Hexagonal

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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