

**WBC-S-8BK-M6****Weidmüller Interface GmbH & Co. KG**Klingenbergstraße 26  
D-32758 Detmold  
Germany

www.weidmueller.com



Battery storage systems are playing an increasingly important role in the field of renewable energies. They usually consist of several individual batteries that need to be quick and easy to replace. The Weidmüller Battery Connector (WBC) makes it possible to connect several individual batteries to an ESS in just a few simple steps – and to disconnect the connections just as quickly if required. For more safety and easy handling, the poles are clearly marked: The positive pole in orange and the negative pole in black.

**General ordering data**

|            |                              |
|------------|------------------------------|
| Order No.  | 2918840000                   |
| Type       | <a href="#">WBC-S-8BK-M6</a> |
| GTIN (EAN) | 4099986575103                |
| Qty.       | 5 items                      |

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## Technical data

## Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (UR) E529699

## Dimensions and weights

Net weight 49 g

## Temperatures

Continuous operating temp., min. -40 °C Continuous operating temp., max. 125 °C

Humidity ≤85% RH

## Environmental Product Compliance

RoHS Compliance Status Compliant without exemption

REACH SVHC No SVHC above 0.1 wt%

## General Data

|                          |        |                               |                    |
|--------------------------|--------|-------------------------------|--------------------|
| Contact diameter, male Ø | 8 mm   | Type of connection            | Screw connection   |
| Colour                   | black  | Conductor cross-section, max. | 50 mm <sup>2</sup> |
| Surface finish           | silver | Type                          | Male               |
| Basic material           | PA 66  |                               |                    |

## Technical Data

|                      |           |                           |              |
|----------------------|-----------|---------------------------|--------------|
| Vibration resistance | 30g       | UL 94 flammability rating | V-0          |
| Volume resistance    | ≥ 5000 MΩ | Nominal voltage           | 1500 V       |
| Nominal current      | 250 A     | Protection degree         | IP67 plugged |
| Plugging cycles      | ≥ 100     | Surge voltage category    | II           |
| Operating altitude   | ≤ 2000 m  | Shock resistance          | V2           |

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 8.0    | EC001121    | ETIM 9.0    | EC001121    |
| ETIM 10.0   | EC001121    | ECLASS 14.0 | 27-44-03-12 |
| ECLASS 15.0 | 27-44-03-12 |             |             |

## Drawings

