

WBC-P-8BK-50**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. | 2905370000 |
| Type | WBC-P-8BK-50 |
| GTIN (EAN) | 4099986026032 |
| Qty. | 5 pc(s). |

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Technical data

Dimensions and weights

| | |
|------------|------|
| Net weight | 45 g |
|------------|------|

Temperatures

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

General Data

| | | | |
|-------------------------------|--------------------|----------------------------|------------------|
| Approvals | UL 4128 | Colour | black |
| Conductor cross-section, max. | 50 mm ² | Contact diameter, male Ø | 8 mm |
| Material | PA 66 | Outer cable diameter, max. | 13.2 mm |
| Outer cable diameter, min. | 12.5 mm | Surface finish | silver |
| Type | Female | Type of connection | Crimp connection |

Technical Data

| | | | |
|---------------------------|-------|-------------------|--------------|
| Plugging cycles | ≥ 100 | Protection degree | IP67 plugged |
| Rated current | 200 A | Rated voltage | 1,500 V |
| UL 94 flammability rating | V-0 | Volume resistance | ≥ 5000 MΩ |

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC002928 | ETIM 7.0 | EC002928 |
| ETIM 8.0 | EC002928 | ETIM 9.0 | EC002928 |
| ECLASS 9.0 | 22-57-92-03 | ECLASS 9.1 | 27-44-01-07 |
| ECLASS 10.0 | 27-44-01-07 | ECLASS 11.0 | 22-57-02-92 |
| ECLASS 12.0 | 22-57-02-92 | ECLASS 13.0 | 22570292 |

Downloads

| | |
|--------------------|--|
| Engineering Data | CAD data – STEP |
| User Documentation | Suitable Tools for WBC Battery Connector |
| Catalogues | Catalogues in PDF-format |

Data sheet

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Drawings

