WBC-P-8BK-35

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
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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.	2905350000
Type	WBC-P-8BK-35
GTIN (EAN)	4099986026018
Qty.	5 pc(s).

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Technical data

Dimensions and weights

Net weight	46 g

Temperatures

Continuous operating temp., min.	-40 °C	Continuous operating temp., max.	125 °C
Humidity	≤85% RH		

General Data

Approvals	UL 4128	Colour	black
Conductor cross-section, max.	35 mm²	Contact diameter, male Ø	8 mm
Material	PA 66	Outer cable diameter, max.	11.3 mm
Outer cable diameter, min.	10.6 mm	Surface finish	silver
Type	Female	Type of connection	Crimp connection

Technical Data

Operating altitude	≤ 2000 m	Plugging cycles	≥ 100
Protection degree	IP67 plugged	Rated current	150 A
Rated voltage	1,500 V	Shock resistance	V2
Surge voltage category	II	UL 94 flammability rating	V-0
Vibration resistance	30g	Volume resistance	≥ 5000 MΩ

Classifications

ETIM 7.0	EC001121	ETIM 8.0	EC001121
ETIM 9.0	EC001121	ETIM 10.0	EC001121
ECLASS 10.0	27-44-03-12	ECLASS 11.0	27-44-03-12
ECLASS 12.0	27-44-03-12	ECLASS 13.0	27-44-03-12
ECLASS 14.0	27-44-03-12	ECLASS 15.0	27-44-03-12

Environmental Product Compliance

RoHS Compliance Status	Compliant
REACH SVHC	No SVHC above 0.1 wt%

Approvals

Approvals

Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319262/-T1z1mm-S800/
ROHS	Conform
UL File Number Search	UL Website
Certificate No. (UR)	E529699

Downloads

Engineering Data	CAD data – STEP
Technical Documentation	Drawing_WBC_P-8._35
User Documentation	Suitable_Tools_for_WBC_Battery_Connector Montageanleitung_WBC_P_8_200A
Catalogues	Calogues in PDF-format

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Drawings







