

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	WBC-S-8BK-M6
GTIN (EAN)	4099986575103
Qty.	5 items

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Technical data

Approvals

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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 mm²
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 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

Drawings

