Data sheet

WBC-P-6OR-16

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.	2905280000
Type	WBC-P-6OR-16
GTIN (EAN)	4099986025950
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	23.2 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

Outer cable diameter, max.	8.6 mm	Outer cable diameter, min.	7.8 mm
Contact diameter, male Ø	6 mm	Approvals	UL 4128
Type of connection	Crimp connection	Colour	orange
Conductor cross-section, max.	16 mm²	Surface finish	silver
Type	Female	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	100 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		

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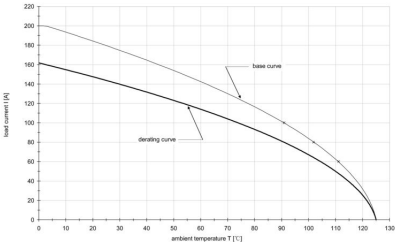
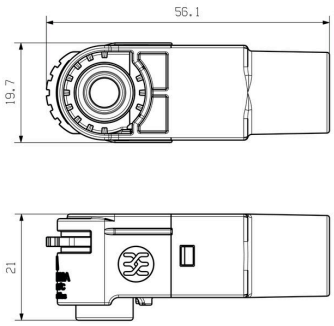
Drawings





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Accessories

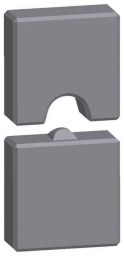
Tools

Crimping tools for cable lugs, connectors and wire-end ferrules with interchangeable inserts
- extremely fast processing thanks to hydraulic support
- large processing range up to 300 mm²
- 270° revolving quick-action crimping head
- automatic pressure limitation and monitoring via pressure sensor
- electronic control and monitoring of the crimping process
- Saving of all crimping cycles and error messages to internal memory
- Reading of all cycles and error messages via USB
- Li-ion rechargeable battery with charge status indicator: 18 V, 2 Ah

General ordering data

Type	EPG 45	Version
Order No.	1500830000	Pressing tool, 6mm², 150mm², Hexagonal crimp, WM crimp, Indent
GTIN (EAN)	4050118309317	crimp, Trapezoidal crimp, Oval crimping
Qty.	1 ST	

... for crimp cable lugs (acc. to DIN 46234)



Crimping tools for cable lugs, connectors and wire-end ferrules with interchangeable inserts
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General ordering data

Type	ES EPG 45 DIN 25	Version
Order No.	1501340000	25mm², Indent crimp
GTIN (EAN)	4050118309560	
Qty.	1 ST	