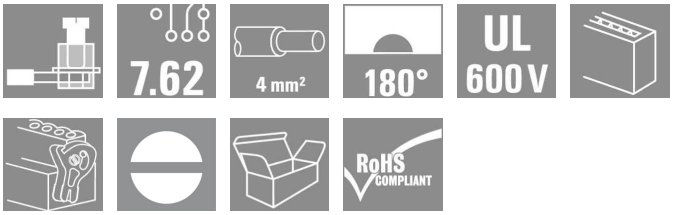
OMNIMATE Power - series BL/SL 7.62HP
BLZ 7.62HP/11/180LR SN BK BX

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com





Power on board #96 100% safety, 100% integration, 100% cost-effectiveness:
The compact and efficient solution for UL-600V applications in the lower performance range (up to 12 kVA).

- 29 A at 400V (IEC)
- 18.5 A at 600 V (UL)
- Single compartment mating profile
- Clamping range: 0.08 - 4 mm² / AWG 28 - 12

Assistance with device approval:

- Fulfils requirements for 600 V as per UL 508 / UL840.
- Fulfils the stricter touch-protection requirements of IEC68100-5-1.

The slimming diet for multiple-stage device series: reduced size and cost cuts in the lower high-volume performance range without compromising the device approval!

General ordering data

Type	BLZ 7.62HP/11/180LR SN BK BX
Order No.	1165010000
Version	PCB plug-in connector, female plug, 7.62 mm, No. of poles: 11, 180°, Clamping yoke connection, Box
GTIN (EAN)	4032248955015
Qty.	15 pc(s).
Product data	IEC: / 0.2 - UL: 600 V / 20 A / AWG 20 - AWG 12
Packaging	Box

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Technische Daten

Dimensions and weights

Net weight	16.5 g

System parameters

Product family	OMNIMATE Power - series BL/SL 7.62HP	Wire connection method	Clamping yoke connection
Conductor outlet direction	180°	Pitch in mm (P)	7.62 mm
Pitch in inches (P)	0.3 inch	No. of poles	11
L1 in mm	76.2 mm	L1 in inches	3 inch

Material data

Colour	Black	Colour chart (similar)	RAL 9011
CTI	≥ 200		

Connectable conductors

Solid, min. H05(07) V-U	0.2 mm²	Flexible, min. H05(07) V-K	0.2 mm²

CSA rating data

Rated voltage (Use group B)	600 V	Rated current (use group B)	20 A
Rated voltage (Use group C)	600 V	Rated current (use group C)	20 A
Rated voltage (use group D)	600 V	Rated current (use group D)	5 A
Wire cross-section, AWG, min.	AWG 20	Wire cross-section, AWG, max.	AWG 12

UL 1059 rating data

Rated voltage (use group B)	600 V	Rated current (use group B)	20 A
Rated voltage (use group C)	600 V	Rated current (use group C)	20 A
Rated voltage (use group D)	600 V	Rated current (use group D)	5 A
Wire cross-section, AWG, min.	AWG 20	Wire cross-section, AWG, max.	AWG 12

Classifications

eClass 6.2	27-26-07-04	eClass 7.1	27-44-04-02

Notes

Notes

- Additional colours on request
- Gold-plated contact surfaces on request
- Rated current related to rated cross-section & min. No. of poles.
- Wire end ferrule without plastic collar to DIN 46228/1
- Wire end ferrule with plastic collar to DIN 46228/4
- P on drawing = pitch
- Rated data refer only to the component itself. Clearance and creepage distances to other components are to be designed in accordance with the relevant application standards.

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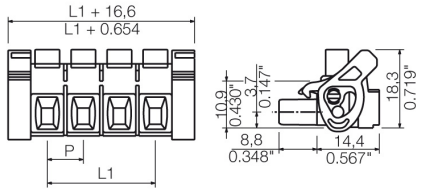
Approvals

Approvals	ME25
ROHS	Conform

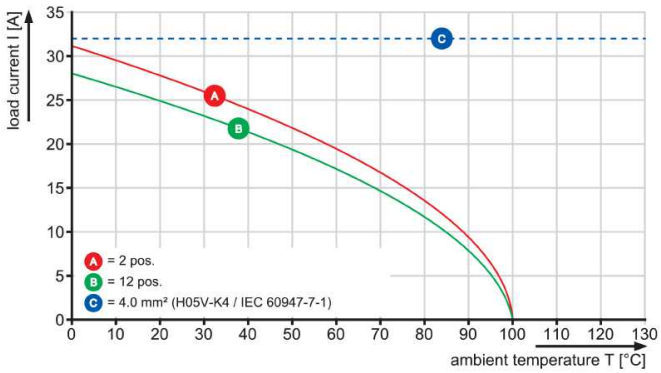
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Zeichnungen



BLZ 7.62HP/../180 - SL 7.62HP/../90



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