

**Multipin terminal strip  
BK 6/E**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-292083  
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**Product image****Klippon® Connect with clamping yoke Technology**

The high reliability and variety of designs of the terminal blocks with clamping yoke connections make planning easier and optimises operational safety. Klippon® Connect provides a proven response to a range of different requirements.

**General ordering data**

Type	BK 6/E
Order No.	<a href="#">7906090000</a>
Version	Multipin terminal strip, Single- and multi-pole terminal strip, Rated cross-section: 4 mm <sup>2</sup> , Screw connection, Direct mounting
GTIN (EAN)	4008 1905 76295
Qty.	50 pc(s).

Creation date May 1, 2020 9:04:07 AM CEST

Catalogue status 17.04.2020 / We reserve the right to make technical changes.

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**Technical data****Dimensions and weights**

Width	22 mm	Width (inches)	0.866 inch
Height	52 mm	Height (inches)	2.047 inch
Depth	20 mm	Depth (inches)	0.787 inch
Net weight	38.4 g		

**Temperatures**

Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity	Storage temperature, max.	40 °C
Storage temperature, min.	10 °C	Storage temperature	10 °C...40 °C
Continuous operating temp., min.	-60 °C	Continuous operating temp., max.	130 °C

**Material data**

Material	KrG	Colour	medium yellow
UL 94 flammability rating	V-0, 5VA		

**Rating data IECEx/ATEX**

Certificate No. (ATEX)	TUEV18ATEX8209U	Certificate No. (IECEX)	IECEXTUR18.0019U
Max. voltage (ATEX)	275 V	Current (ATEX)	28 A
Wire cross section max. (ATEX)	4 mm <sup>2</sup>	Max. voltage (IECEX)	275 V
Current (IECEX)	28 A	Wire cross section max. (IECEX)	4 mm <sup>2</sup>
Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity	Marking EN 60079-7	Ex eb II C Gb
Ex 2014/34/EU label	II 2 G D		

**System specifications**

Version	For the mounting rails	End cover plate required	No
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**Additional technical data**

Explosion-tested version	No	Installation advice	Direct mounting
Type of mounting	Direct mounting		

**CSA rating data**

Certificate No. (CSA)	200039-2165696	Current size B (CSA)	10 A
Current size D (CSA)	10 A	Voltage size B (CSA)	300 V
Voltage size D (CSA)	300 V	Wire cross section max. (CSA)	12 AWG
Wire cross section min. (CSA)	22 AWG		

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**Technical data****Conductors for clamping (rated connection)**

Blade size	4.0 x 0.8 mm	Clamping range, max.	4 mm <sup>2</sup>
Clamping range, min.	0.33 mm <sup>2</sup>	Clamping screw	M 3
Connection cross-section, stranded, max.	4 mm <sup>2</sup>	Connection cross-section, stranded, min.	1.5 mm <sup>2</sup>
Connection direction	on side	Gauge to IEC 60947-1	A3
Number of connections	12	Stripping length	8 mm
Tightening torque, max.	0.6 Nm	Tightening torque, min.	0.5 Nm
Torque level with DMS electric screwdriver	2	Type of connection	Screw connection
Wire connection cross section AWG, max.	AWG 12	Wire connection cross section AWG, min.	AWG 22
Wire connection cross section, finely stranded, max.	4 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	4 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	4 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm <sup>2</sup>	Wire connection cross-section, finely stranded, min.	0.5 mm <sup>2</sup>
Wire connection cross-section, solid core, max.	4 mm <sup>2</sup>	Wire connection cross-section, solid core, min.	0.5 mm <sup>2</sup>

**Rating data**

Rated cross-section	4 mm <sup>2</sup>	Rated voltage	400 V
Rated current	32 A	Current at maximum wires	32 A
Standards	IEC 60947-7-1	Volume resistance according to IEC 60947-7-x	1 mΩ
Power loss in accordance with IEC 60947-7-x	1.02 W	Rated impulse withstand voltage	6 kV
Pollution severity	3		

**UL rating data**

Certificate No. (UR)	E60693	Conductor size Factory wiring max. (UR)	12 AWG
Conductor size Factory wiring min. (UR)	26 AWG	Conductor size Field wiring max. (UR)	12 AWG
Conductor size Field wiring min. (UR)	22 AWG	Current size B (UR)	20 A
Current size C (UR)	20 A	Current size D (UR)	10 A
Voltage size B (UR)	250 V	Voltage size C (UR)	150 V
Voltage size D (UR)	300 V	Wire cross section max. (UR)	12 AWG
Wire cross section min. (UR)	22 AWG		

**Classifications**

ETIM 6.0	EC001284	ETIM 7.0	EC001284
eClass 9.0	27-14-11-06	eClass 9.1	27-14-11-06
eClass 10.0	27-14-11-06	UNSPSC	30-21-18-11

**Approvals**

Approvals



ROHS

Conform

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**Data sheet****Multipin terminal strip  
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**Technical data****Downloads**

Approval/Certificate/Document of Conformity	<a href="#">Attestation Of Conformity</a> <a href="#">ATEX Certificate</a> <a href="#">IECEX Certificate</a> <a href="#">CB Test Certificate</a> <a href="#">CB Certificate</a> <a href="#">DE_PT1431_20160418_066_ISSUE01.pdf</a>
Brochure/Catalogue	<a href="#">CAT 1 TERM 16/17 EN</a>
Engineering Data	<a href="#">EPLAN_WSCAD</a>
Engineering Data	<a href="#">STEP</a>
Product Change Notification	<a href="#">PCN_BK_20190405</a>
User Documentation	<a href="#">NTI BK 2-12/E</a> <a href="#">StorageConditionsTerminalBlocks</a>

**Safety note**

Safety notice	<a href="#">Safety Information</a>
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