

## ZDK 4-2 BL

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

### Product image



To feed through power, signal, and data is the classical requirement in electrical engineering and panel building. The insulating material, the connection system and the design of the terminal blocks are the differentiating features. A feed-through terminal block is suitable for joining and/or connecting one or more conductors. They could have one or more connection levels that are on the same potential or insulated against one another.

### General ordering data

Version	Feed-through terminal, Double-tier terminal, Tension-clamp connection, 4 mm <sup>2</sup> , 800 V, 32 A, blue
Order No.	<a href="#">8670850000</a>
Type	ZDK 4-2 BL
GTIN (EAN)	4032248423644
Qty.	50 Stück

Erstellungs-Datum June 1, 2023 11:44:37 AM CEST

Katalogstand 26.05.2023 / Technische Änderungen vorbehalten

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## Technische Daten

### Dimensions and weights

Depth	60 mm	Depth (inches)	2.362 inch
Depth including DIN rail	61 mm	Height	77.6 mm
Height (inches)	3.055 inch	Width	6.1 mm
Width (inches)	0.24 inch	Net weight	15.84 g

### Temperatures

Storage temperature	-25 °C...55 °C	Continuous operating temp., min.	-50
Continuous operating temp., max.	120		

### Material data

Material	Wemid	Colour	blue
UL 94 flammability rating	V-0		

### System specifications

Version	Tension-clamp connection, for plug-in cross-connector, One end without connector	End cover plate required	Yes
Number of levels	2	Number of clamping points per level	2
Levels cross-connected internally	Yes	PE connection	No
Rail	TS 35		

### Additional technical data

Explosion-tested version	No	Open sides	right
Type of mounting	Snap-on		

### CSA rating data

Certificate No. (CSA)	200039-1236167	Current size C (CSA)	30 A
Voltage size C (CSA)	600 V	Wire cross section max. (CSA)	10 AWG
Wire cross section min. (CSA)	26 AWG		

### Conductors for clamping (rated connection)

Blade size	0.6 x 3.5 mm	Clamping range, max.	6 mm <sup>2</sup>
Clamping range, min.	0.13 mm <sup>2</sup>	Connection cross-section, finely stranded, max.	6 mm <sup>2</sup>
Connection cross-section, finely stranded, min.	0.5 mm <sup>2</sup>	Connection direction	Inclined / angled
Gauge to IEC 60947-1	A3	Number of connections	4
Stripping length	10 mm	Twin wire-end ferrules, max.	1.5 mm <sup>2</sup>
Twin wire-end ferrules, min.	0.5 mm <sup>2</sup>	Type of connection	Tension-clamp connection
Wire connection cross section, finely stranded, max.	4 mm <sup>2</sup>	Wire connection cross section, finely stranded, min.	0.5 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, solid core, max.	6 mm <sup>2</sup>	Wire connection cross-section, solid core, min.	0.5 mm <sup>2</sup>

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## Technische Daten

### General

Rail	TS 35	Standards	IEC 60947-7-1
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### Rating data

Rated cross-section	4 mm <sup>2</sup>	Rated voltage	800 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
Rated impulse withstand voltage	8 kV	Power loss in accordance with IEC 60947-7-x	1.02 W
Pollution severity	3		

### UL rating data

Certificate No. (UR)	E60693	Conductor size Factory wiring max. (UR)	10 AWG
Conductor size Factory wiring min. (UR)	26 AWG	Conductor size Field wiring max. (UR)	10 AWG
Conductor size Field wiring min. (UR)	26 AWG	Current size C (UR)	25 A
Voltage size C (UR)	600 V		

### Classifications

ETIM 6.0	EC000897	ETIM 7.0	EC000897
ETIM 8.0	EC000897	ECLASS 9.0	27-14-11-20
ECLASS 9.1	27-14-11-20	ECLASS 10.0	27-14-11-20
ECLASS 11.0	27-14-11-20	ECLASS 12.0	27-14-11-20

### Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (UR)	E60693

### Downloads

Approval/Certificate/Document of Conformity	<a href="#">EAC certificate</a> <a href="#">Declaration of Conformity</a> <a href="#">CE Declaration of Conformity all terminals</a> <a href="#">UKCA declaration of conformity</a>
Engineering Data	<a href="#">CAD data – STEP</a>
Engineering Data	<a href="#">WSCAD, Zuken E3.S, EPLAN</a>
User Documentation	<a href="#">StorageConditionsTerminalBlocks</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	

**Datenblatt**

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**Zeichnungen**

