

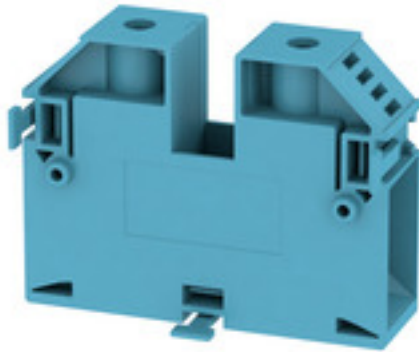
WDU 35N KB BL**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Product image**Power feed-in**

Our wide range of W-Series terminal blocks with our WPD main line branch terminals, which are optimised to guarantee both convenience and space gains, ensures a secure and convenient connection at the power feed-in.

General ordering data

Version	Feed-through terminal, Screw connection, 35 mm ² , 500 V, 125 A, blue
Order No.	1836550000
Type	WDU 35N KB BL
GTIN (EAN)	4032248340804
Qty.	20 pc(s).
Delivery status	Discontinued
Available until	2020-12-31

Creation date March 25, 2021 3:12:12 PM CET

Catalogue status 12.03.2021 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

Depth	44 mm	Depth (inches)	1.732 inch
Height	58 mm	Height (inches)	2.283 inch
Net weight	52.15 g	Weight	52 g
Width	16 mm	Width (inches)	0.63 inch

Temperatures

Storage temperature	-25 °C...55 °C	Continuous operating temp., min.	-60 °C
Continuous operating temp., max.	130 °C		

Material data

Material	Wemid	Colour	blue
UL 94 flammability rating	V-0		

System specifications

Version	Screw connection, for screwable cross- connection, in closed state	End cover plate required	No
Number of potentials	1	Number of levels	1
Number of clamping points per level	2	Number of potentials per tier	1
Levels cross-connected internally	No	PE connection	No
Rail	TS 35	N-function	Yes
PE function	No	PEN function	Yes

2 clampable conductors (H05V/H07V) with equal cross-section (rated connection)

Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, max.	6 mm ²	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, min.	2.5 mm ²
Wire connection cross section, finely stranded, two clampable wires, min.	2.5 mm ²	Wire cross-section, finely stranded, two clampable wires, max.	6 mm ²

Additional technical data

Explosion-tested version	No	Number of similar terminals	1
Open sides	closed	Type of mounting	Snap-on

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Conductors for clamping (rated connection)

Blade size	6.5 x 1.2 mm	Clamping range, max.	50 mm ²
Clamping range, min.	2.5 mm ²	Clamping screw	M 6
Connection cross-section, stranded, max.	50 mm ²	Connection cross-section, stranded, min.	2.5 mm ²
Connection direction	on side	Gauge to IEC 60947-1	B8
Number of connections	2	Stripping length	18 mm
Tightening torque, max.	5 Nm	Tightening torque, min.	4 Nm
Type of connection	Screw connection	Wire connection cross section AWG, max.	AWG 10
Wire connection cross section AWG, min.	AWG 12	Wire connection cross section, finely stranded, max.	35 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	35 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	2.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	35 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	2.5 mm ²
Wire connection cross-section, solid core, max.	16 mm ²	Wire connection cross-section, solid core, min.	2.5 mm ²

General

Rail	TS 35	Standards	IEC 60947-7-1
Wire connection cross section AWG, max.	AWG 10	Wire connection cross section AWG, min.	AWG 12

Rating data

Power loss in accordance with IEC 60947-7-x	4 W	Rated cross-section	35 mm ²
Rated voltage	500 V	Rated current	125 A
Current at maximum wires	150 A	Standards	IEC 60947-7-1
Volume resistance according to IEC 60947-7-x	0.26 mΩ	Rated impulse withstand voltage	6 kV
Pollution severity	3		

Classifications

ETIM 6.0	EC000897	ETIM 7.0	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

Approvals

Approvals



ROHS

Conform

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Technical data

Downloads

Approval/Certificate/Document of
Conformity

[IECEX Certificate](#)
[EAC certificate](#)
[EAC EX Certificate](#)
[ATEX Certificate](#)

Engineering Data

[STEP](#)

Engineering Data

[EPLAN](#)

User Documentation

[StorageConditionsTerminalBlocks](#)

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Drawings

