

**WDU 35N IR****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, Screw connection, 35 mm <sup>2</sup> , 500 V, 125 A, dark beige
Order No.	<a href="#">1393410000</a>
Type	WDU 35N IR
GTIN (EAN)	4050118323504
Qty.	20 pc(s).

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Catalogue status 03.03.2023 / We reserve the right to make technical changes.

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

Depth	50.5 mm	Depth (inches)	1.988 inch
Height	66 mm	Height (inches)	2.598 inch
Width	16 mm	Width (inches)	0.63 inch
Net weight	48.104 g		

**Temperatures**

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

**Material data**

Material	Wemid	Colour	dark beige
UL 94 flammability rating	V-0		

**Rating data IECEx/ATEX**

Wire cross section max. (IECEX)	35 mm <sup>2</sup>
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**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	No
PE function	No	PEN function	Yes

**Additional technical data**

Number of similar terminals	1	Open sides	closed
Type of mounting	Snap-on		

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## Technical data

### Conductors for clamping (rated connection)

Blade size	TX 20	Clamping range, max.	50 mm <sup>2</sup>
Clamping range, min.	2.5 mm <sup>2</sup>	Clamping screw	M 6
Connection cross-section, stranded, max.	50 mm <sup>2</sup>	Connection cross-section, stranded, min.	2.5 mm <sup>2</sup>
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.	2.5 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 <sup>2</sup>
Wire connection cross section, finely stranded, min.	2.5 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	35 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	2.5 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	35 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	2.5 mm <sup>2</sup>	Wire connection cross-section, solid core, max.	16 mm <sup>2</sup>
Wire connection cross-section, solid core, min.	2.5 mm <sup>2</sup>		

### 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

Rated cross-section	35 mm <sup>2</sup>	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	Power loss in accordance with IEC 60947-7-x	4 W
Pollution severity	3		

### 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

### Important note

Product information	1000 V UL and CSA for usage groups B and C: can be used with isolating DIN rails and when using WTW EN partitions
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**Technical data****Approvals**

Approvals



ROHS

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Approval/Certificate/Document of  
Conformity

[IECEX Certificate](#)  
[EAC certificate](#)  
[EAC EX Certificate](#)  
[CCC Ex Certificate](#)  
[ATEX Certificate](#)  
[UKCA declaration of conformity](#)

Engineering Data

[CAD data – STEP](#)

User Documentation

[NTI WDU/WPE 35N](#)  
[StorageConditionsTerminalBlocks](#)

Catalogues

[Catalogues in PDF-format](#)

**Data sheet**

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**Drawings**

