

**W-Series  
WPE 35N**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 1429-0  
Fax: +49 5231 14292083  
www.weidmueller.com

**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	WPE 35N
Order No.	<a href="#">1717740000</a>
Version	PE terminal, Screw connection, 35 mm <sup>2</sup> , 4200 A (35 mm <sup>2</sup> ), green / yellow
GTIN (EAN)	4008190351854
Qty.	20 pc(s).

**W-Series**  
**WPE 35N**

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 1429-0  
 Fax: +49 5231 14292083  
 www.weidmueller.com

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

Width	16 mm	Width (inches)	0.63 inch
Height	66 mm	Height (inches)	2.598 inch
Depth	50.5 mm	Depth (inches)	1.988 inch
Depth including DIN rail	51 mm	Net weight	76.84 g

**Temperatures**

Continuous operating temp., min.	-60 °C	Continuous operating temp., max.	130 °C
----------------------------------	--------	----------------------------------	--------

**Material data**

Material	Wemid	Colour	green / yellow
UL 94 flammability rating	V-0		

**Rating data IECEx/ATEX**

Certificate No. (ATEX)	DEMKO14ATEX1338U	Certificate No. (IECEX)	IECEXULD14.0005U
Wire cross section max. (ATEX)	35 mm <sup>2</sup>	Wire cross section max. (IECEX)	35 mm <sup>2</sup>
Marking EN 60079-7	Ex e II	Ex 2014/34/EU label	II 2 G D

**System specifications**

Version	Screw connection, With PE connection, closed	End cover plate required	No
Number of potentials	1	Number of levels	1
No. of clamping points per level	2	Number of potentials per tier	1
Levels cross-connected internally	No	PE connection	Yes
Mounting rail	TS 35	N-function	No
PE function	Yes	PEN function	Yes

**Additional technical data**

Explosion-tested version	Yes	Installation advice	Screwed
Interlock	for screw fixing	Number of similar terminals	1
Open sides	closed	Type of mounting	Screwed

**W-Series**  
**WPE 35N**

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 1429-0  
 Fax: +49 5231 14292083  
 www.weidmueller.com

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

Blade size	6.5 x 1.2 mm	Clamping range, rated connection, max.	50 mm <sup>2</sup>
Clamping range, rated connection, min.	2.5 mm <sup>2</sup>	Clamping screw	M 6
Connection direction	on side	Cross-section for connected conductor, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, min.	2.5 mm <sup>2</sup>
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 2	Wire connection cross section AWG, min.	AWG 12
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	35 mm <sup>2</sup>	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min.	2.5 mm <sup>2</sup>
Wire connection cross section, finely stranded, max.	35 mm <sup>2</sup>	Wire connection cross section, solid core max. rated connection	16 mm <sup>2</sup>
Wire connection cross section, solid core, min. rated connection	2.5 mm <sup>2</sup>	Wire connection cross section, stranded, rated connection, max.	50 mm <sup>2</sup>
Wire connection cross section, stranded, rated connection, min.	2.5 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, max.	35 mm <sup>2</sup>
Wire connection cross-section, finely stranded, min.	2.5 mm <sup>2</sup>		

**PE rating data**

Rated short-time current	4200 A (35 mm <sup>2</sup> )	Centre screw on PE terminals	M 4
Tightening torque range for fixing screw	1.2...2.4 Nm	PEN function	Yes

**Rating data**

Rated cross-section	35 mm <sup>2</sup>	Rated voltage to adjoining terminal	400 V
Standards	IEC 60947-7-2	Volume resistance according to IEC 60947-7-x	0.26 mΩ
Rated impulse withstand voltage to adjacent terminal	6 kV	Pollution severity	3

**Classifications**

ETIM 3.0	EC000901	ETIM 4.0	EC000491
ETIM 5.0	EC000491	ETIM 6.0	EC000901
UNSPSC	30-21-18-11	eClass 5.1	27-14-03-05
eClass 6.2	27-14-03-05	eClass 7.1	27-14-03-05
eClass 8.1	27-14-11-41	eClass 9.0	27-14-11-41
eClass 9.1	27-14-11-41		

**Product information**

Descriptive text accessories	Rail support protective insulation for installation of mounting rail "SH 2" order No. 0494920000 (QTY 10).
------------------------------	--

**Data sheet****W-Series  
WPE 35N**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 1429-0  
Fax: +49 5231 14292083  
www.weidmueller.com

**Technical data****Approvals**

Approvals



ROHS

Conform

**Downloads**Approval/Certificate/Document of  
Conformity

[CFAT\\_WPE 35N.pdf](#)  
[IECEXULD14.0005U\\_e.pdf](#)  
[DE\\_PT1002\\_20160414\\_257\\_ISSUE01.pdf](#)  
[ACF-ATEX\\_4786180920](#)

Brochure/Catalogue

[CAT 1 TERM 16/17 EN](#)

Engineering Data

[EPLAN, WSCAD, Zuken E3.S](#)

User Documentation

[NTI\\_IECEX\\_WDU-WPE 35N.pdf](#)**Safety note**

Safety notice

[Safety Information](#)

**Data sheet**

**W-Series**  
**WPE 35N**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 1429-0  
Fax: +49 5231 14292083  
[www.weidmueller.com](http://www.weidmueller.com)

**Drawings**

