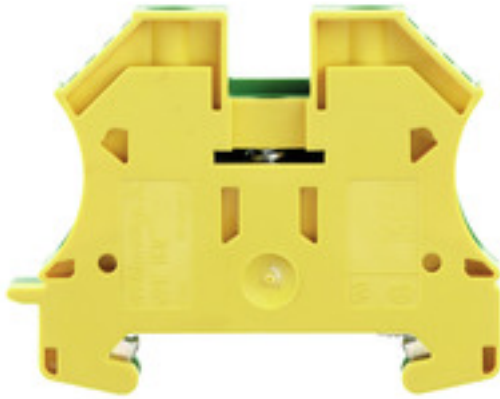


WPE 16N**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**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

Version	PE terminal, Screw connection, 16 mm ² , 1920 A (16 mm ²), Green/yellow
Order No.	1019100000
Type	WPE 16N
GTIN (EAN)	4008190273248
Qty.	50 pc(s).

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Technical data**Dimensions and weights**

Depth	46.5 mm	Depth (inches)	1.831 °C
Depth including DIN rail	47 mm	Height	56 mm
Height (inches)	2.205 °C	Width	12 mm
Width (inches)	0.472 °C	Net weight	33.98 g

Temperatures

Storage temperature	-25 °C...55 °C	Continuous operating temp., min.	-50 °C
Continuous operating temp., max.	130		

Material data

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

System specifications

Version	Screw connection, With PE 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	Yes
Rail	TS 35	N-function	No
PE function	Yes	PEN function	Yes

Additional technical data

Explosion-tested version	No	Installation advice	when screwed in
Interlock	for screw fixing	Number of similar terminals	1
Open sides	closed	Type of mounting	when screwed in

CSA rating data

Certificate No. (CSA)	200039-1057876	Wire cross section max. (CSA)	6 AWG
Wire cross section min. (CSA)	14 AWG		

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Technical data

Conductors for clamping (rated connection)

Blade size	1.0 x 5.5 mm	Clamping range, max.	25 Nm
Clamping range, min.	1.5 Nm	Clamping screw	M 4
Connection cross-section, stranded, max.	25 Nm	Connection cross-section, stranded, min.	1.5 Nm
Connection direction	on side	Gauge to IEC 60947-1	B7
Number of connections	2	Stripping length	12 mm
Tightening torque, max.	2.4 inch	Tightening torque, min.	1.2 inch
Type of connection	Screw connection	Wire connection cross section AWG, max.	AWG 6
Wire connection cross section AWG, min.	AWG 14	Wire connection cross section, finely stranded, max.	16 Nm
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	16 Nm	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	1.5 Nm
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	16 Nm	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	4 Nm
Wire connection cross-section, solid core, max.	16 Nm	Wire connection cross-section, solid core, min.	1.5 Nm

Dimensions

TS 35 offset	32 mm
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General

Installation advice	when screwed in	Rail	TS 35
Standards	IEC 60947-7-2	Wire connection cross section AWG, max.	AWG 6
Wire connection cross section AWG, min.	AWG 14		

PE rating data

Rated short-time current	1920 A (16 mm ²)	Centre screw on PE terminals	M 3
Tightening torque range for fixing screw	0.5...1.0 Nm	PEN function	Yes

Rating data

Rated cross-section	16 Nm	Rated voltage to adjoining terminal	400 V
Standards	IEC 60947-7-2	Volume resistance according to IEC 60947-7-x	0.42 °C
Rated impulse withstand voltage to adjacent terminal	6 kV	Power loss in accordance with IEC 60947-7-x	2.43 W
Pollution severity	3		

UL rating data

Certificate No. (UR)	E60693	Conductor size Factory wiring max. (UR)	6 AWG
Conductor size Factory wiring min. (UR)	14 AWG	Conductor size Field wiring max. (UR)	6 AWG
Conductor size Field wiring min. (UR)	14 AWG	UL_wire_max_Print	6 A / 6 A / 10 A / 13 A / 15 A
UL_wire_min_Print	14 A / 6 A / 10 A / 13 A / 15 A		

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Technical data**Classifications**

ETIM 6.0	EC000901	ETIM 7.0	EC000901
ETIM 8.0	EC000901	ECLASS 9.0	27-14-11-41
ECLASS 9.1	27-14-11-41	ECLASS 10.0	27-14-11-41
ECLASS 11.0	27-14-11-41		

Approvals

Approvals



ROHS	Conform
UL File Number Search	E60693

Downloads

Approval/Certificate/Document of Conformity	EAC certificate Declaration of Conformity Declaration of Conformity all terminals
Engineering Data	STEP
Engineering Data	EPLAN, WSCAD, Zuken E3.S
User Documentation	StorageConditionsTerminalBlocks Instruction
Catalogues	Catalogues in PDF-format
Brochures	

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Drawings

