

ZPE 4**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image****Spring connection with tension clamp Technology**

Tension clamp technology is a universal contact system for all common conductor connection types. Its fantastic level of flexibility makes the tension clamp a profitable alternative connection.

General ordering data

Version	PE terminal, Tension-clamp connection, 4 mm ² , 480 A (4 mm ²), Green/yellow
Order No.	1632080000
Type	ZPE 4
GTIN (EAN)	4008190263218
Qty.	50 pc(s).

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Technical data

Dimensions and weights

Depth	43 mm	Depth (inches)	1.693 °C
Depth including DIN rail	43.5 mm	Height	64 mm
Height (inches)	2.52 °C	Width	6.1 mm
Width (inches)	0.24 °C	Net weight	14.04 g

Temperatures

Storage temperature		Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity
	-25 °C...55 °C		
Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	120 °C

Material data

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

Rating data IECEx/ATEX

Certificate No. (ATEX)	DEMKO15ATEX1467U	Certificate No. (IECEX)	IECEXULD15.0008U
Wire cross section max. (ATEX)	6 mm ²	Wire cross section max. (IECEX)	6 mm ²
Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity	Marking EN 60079-7	
Ex 2014/34/EU label	II 2 G D		Ex eb II C Gb

System specifications

Version	Tension-clamp connection, With PE connection, One end without connector	End cover plate required	Yes
Number of levels	1	Number of clamping points per level	2
Levels cross-connected internally	No	PE connection	Yes
Rail	TS 35	PE function	Yes
PEN function	No		

Additional technical data

Explosion-tested version	Yes	Number of similar terminals	1
Open sides	right	Type of mounting	Snap-on

CSA rating data

Certificate No. (CSA)	200039-1152892	Wire cross section max. (CSA)	10 AWG
Wire cross section min. (CSA)	26 AWG		

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Conductors for clamping (rated connection)

Blade size	0.6 x 3.5 mm	Clamping range, max.	6 Nm
Clamping range, min.	0.13 Nm	Connection cross-section, stranded, max.	6 Nm
Connection cross-section, stranded, min.	1.5 Nm	Connection direction	top
Gauge to IEC 60947-1	A4	Number of connections	2
Stripping length	12 mm	Type of connection	Tension-clamp connection
Wire connection cross section AWG, max.	AWG 10	Wire connection cross section AWG, min.	AWG 26
Wire connection cross section, finely stranded, max.	6 Nm	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	4 Nm
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 Nm	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	4 Nm
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 Nm	Wire connection cross-section, solid core, max.	6 Nm
Wire connection cross-section, solid core, min.	0.5 Nm		

General

Rail	TS 35	Standards	IEC 60947-7-2
Wire connection cross section AWG, max.	AWG 10	Wire connection cross section AWG, min.	AWG 26

PE rating data

Rated short-time current	480 A (4 mm ²)	PEN function	No
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Rating data

Rated cross-section	4 Nm	Rated voltage to adjoining terminal	800 V
Standards	IEC 60947-7-2	Volume resistance according to IEC 60947-7-x	1 °C
Rated impulse withstand voltage to adjacent terminal	8 kV	Power loss in accordance with IEC 60947-7-x	1.02 W
Pollution severity	3		

UL rating data

Certificate No. (UR)	E60693	Certificate No. (cURus)	E60693
Conductor size Factory wiring max. (UR)	10 AWG	Conductor size Factory wiring max. (cURus)	10 AWG
Conductor size Factory wiring min. (UR)	26 AWG	Conductor size Factory wiring min. (cURus)	26 AWG
Conductor size Field wiring max. (UR)	10 AWG	Conductor size Field wiring max. (cURus)	10 AWG
Conductor size Field wiring min. (UR)	26 AWG	Conductor size Field wiring min. (cURus)	26 AWG
UL_wire_max_Print	10 A / 6 A / 10 A / 13 A / 15 A	UL_wire_min_Print	26 A / 6 A / 10 A / 13 A / 15 A

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		

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Technical data**Approvals**

Approvals



ROHS	Conform
UL File Number Search	E60693

Downloads

Approval/Certificate/Document of Conformity	Attestation of Conformity IECEx Certificate CB Test Certificate CB Certificate EAC certificate DNVGL certificate INMETRO certificate Lloyds Register Certificate MARITREG Certificate MARITREG Certificate EAC EX Certificate CCC Ex Certificate ATEX Certificate Declaration of Conformity Declaration of Conformity all terminals
Engineering Data	STEP
Engineering Data	EPLAN, WSCAD, Zuken E3.S
Product Change Notification	PCN - DE PCN - EN PCN ZDU4 ZPE4 ATEX IECEx change
User Documentation	StorageConditionsTerminalBlocks NTI ZDU/ZPE 4
Catalogues	Catalogues in PDF-format
Brochures	

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Drawings

