



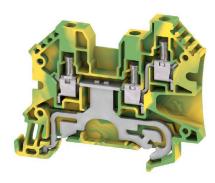
Weidmüller Interface GmbH & Co. KG

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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**

	low 1
Version PE terminal, Screw connection, Green/yel mm², 800 V, Number of connections: 2, N of levels: 1, TS 35, V-0, Wemid	
Order No. <u>1905120000</u>	
Type WPE 4/ZR	
GTIN (EAN) 4032248523375	
Oty. 50 items	





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# **Technical data**

Approvals
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Approvals



# IECEx LA

ROHS	Conform
UL File Number Search	<u>UL Website</u>
Certificate No. (cURus)	E60693

#### **Dimensions and weights**

Depth	52.8 mm	Depth (inches)	2.0787 inch
Depth including DIN rail	53.3 mm	Height	63.5 mm
Height (inches)	2.5 inch	Width	6.1 mm
Width (inches)	0.2402 inch	Net weight	15.96 g

#### **Temperatures**

Storage temperature	-25 °C55 °C	Ambient temperature	-5 °C40 °C
Continuous operating temp., min.	-60 °C	Continuous operating temp., max.	130 °C

## **Environmental Product Compliance**

RoHS Compliance Status	Compliant without exemption		
REACH SVHC	No SVHC above 0.1 wt%		
Product Carbon Footprint	Cradle to gate	0.368 ka CO2 ea.	

# **Material data**

Basic 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)	4 mm²	Wire cross section max. (IECEX)	4 mm²
Marking EN 60079-7	Ex eb II C Gb	Ex 2014/34/EU label	II 2 G D

#### **System specifications**

Version	Screw connection, Additional connection, With PE connection, One end without connector	End cover plate required	Yes
Number of potentials	1	Number of levels	1
Number of clamping points per level	3	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	No

Catalogue status / Drawings 2





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# **Technical data**

Additional technical dat	ta	1
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Open sides	right	Number of similar terminals	1
Installation advice	when screwed in	Explosion-tested version	Yes
Type of mounting	Snap-on		

## **CSA** rating data

Wire cross section max. (CSA)	10 AWG	Certificate No. (CSA)	200039-1057876
Wire cross section min. (CSA)	30 AWG		

# **Conductors for clamping (additional connection)**

Terminal screw, additional connection	M 3	Connection direction additional	on side
•		connection	
Clamping range, further connection,	6 mm <sup>2</sup>	Clamping range, further connection,	0.5 mm <sup>2</sup>
max.		min.	
Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	4 mm <sup>2</sup>	Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, min.	0.5 mm <sup>2</sup>
Conductor cross-section, flexible, further connection, min.	0.5 mm²	Number of connections, additional connection	1
Rated cross-section, further connection	4 mm <sup>2</sup>	Blade size, additional connection	0.6 x 3.5 mm
Cross-section for connected wire, multi- core, further connection, min.	0.5 mm <sup>2</sup>	Cross-section for connected wire, multi- core, further connection, max.	4 mm <sup>2</sup>
Tightening torque, additional connection, max.	0.8 Nm	Cross-section for connected wire, AWG, additional connection, min.	AWG 26
Cross-section for connected wire, solid- core, further connection, min.	0.5 mm <sup>2</sup>	Cross-section for connected wire, solid- core, further connection, max.	6 mm²
Connection type, additional connection	Screw connection	Cross-section for connected wire, flexible, further connection, max.	4 mm²
Cross-section for connected wire, AWG, additional connection, max.	AWG 10	Stripping length , additional connection	10 mm
Tightening torque, additional connection, min.	0.5 Nm		

# **Conductors for clamping (rated connection)**

Gauge to IEC 60947-1	A4	Wire connection cross section AWG, max.	AWG 10
Connection direction	on side	Tightening torque, max.	0.8 Nm
Tightening torque, min.	0.5 Nm	Stripping length	10 mm
Type of connection	Screw connection	Number of connections	2
Clamping range, max.	6 mm <sup>2</sup>	Clamping range, min.	0.05 mm <sup>2</sup>
Clamping screw	M 3	Blade size	0.6 x 3.5 mm
Wire connection cross section AWG, min.	AWG 26	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	4 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	4 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm <sup>2</sup>	Wire connection cross section, finely stranded, max.	4 mm <sup>2</sup>
Wire connection cross section, finely stranded, min.	0.5 mm <sup>2</sup>	Connection cross-section, stranded, max.	4 mm <sup>2</sup>
Connection cross-section, stranded, mi	n. 0.5 mm²	Torque level with DMS electric screwdriver	2
Wire connection cross-section, solid core, max.	6 mm <sup>2</sup>	Wire connection cross-section, solid core, min.	0.5 mm <sup>2</sup>

Creation date 01.12.2025 07:11:52 MEZ

Catalogue status / Drawings





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# **Technical data**

Dimensions			
TS 35 offset	28 mm		
General			
Wire connection cross section AWG, max.	AWG 10	Installation advice	when screwed in
Wire connection cross section AWG, min.	AWG 26	Standards	IEC 60947-7-2
Mounting rail	TS 35		
Rating data			
Rated cross-section	4 mm <sup>2</sup>	Rated voltage to adjoining terminal	800 V
Rated DC voltage	800 V	Nominal current	8 A
Standards	IEC 60947-7-2	Volume resistance according to IEC 60947-7-x	1 mΩ
Rated impulse withstand voltage to adjacent terminal	8 kV	Power loss in accordance with IEC 60947-7-x	0.00 W
Pollution severity	3		
UL rating data			'
	1		'
Conductor size Factory wiring max. (cURus)	10 AWG	Certificate No. (cURus)	E60693
Conductor size Field wiring min. (cURus) 30 AWG		Conductor size Factory wiring min. (cURus)	30 AWG
Conductor size Field wiring max. (cUR	us)10 AWG		
Classifications			'
ETIM 6.0	EC000901	ETIM 7.0	EC000901
ETIM 8.0	EC000901	ETIM 9.0	EC000901
ETIM 10.0	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	ECLASS 12.0	27-14-11-41
ECLASS 13.0	27-25-01-03	ECLASS 14.0	27-25-01-03
ECLASS 15.0	27-25-01-03		



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# **Drawings**

