

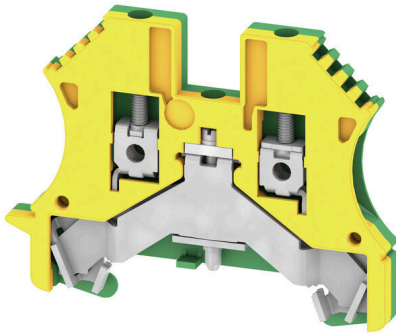
WPE 2.5**Weidmüller Interface GmbH & Co. KG**

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	PE terminal, Screw connection, Green/yellow, 2.5 mm ² , 800 V, Number of connections: 2, Number of levels: 1, TS 35, V-0, Wemid
Order No.	1010000000
Type	WPE 2.5
GTIN (EAN)	4008190143640
Qty.	100 items

WPE 2.5

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Technical data

Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (UR)	E60693
Certificate No. (cURusEX)	E184763

Dimensions and weights

Depth	46.5 mm	Depth (inches)	1.8307 inch
Depth including DIN rail	47 mm	Height	60 mm
Height (inches)	2.3622 inch	Width	5.1 mm
Width (inches)	0.2008 inch	Net weight	16.22 g

Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-60 °C...85 °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	0.503 kg CO2 eq.	

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)	2.5 mm ²	Wire cross section max. (IECEX)	2.5 mm ²
Marking EN 60079-7	Ex eb II C Gb	Ex 2014/34/EU label	II 2 G D

System specifications

Version	Screw 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	2	Number of potentials per tier	1
Levels cross-connected internally	No	PE connection	Yes

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Mounting rail	TS 35	N-function	No
PE function	Yes	PEN function	No

Additional technical data

Open sides	right	Number of similar terminals	1
Installation advice	when screwed in	Explosion-tested version	Yes
Type of mounting	when screwed in	Locking	for screw fixing

CSA rating data

Wire cross section max. (CSA)	12 AWG	Certificate No. (CSA)	200039-1888378
Wire cross section min. (CSA)	26 AWG		

Conductors for clamping (additional connection)

Connection type, additional connection Screw / solder connection

Conductors for clamping (rated connection)

Gauge to IEC 60947-1	A3	Wire connection cross section AWG, max.	AWG 12
Connection direction	top	Tightening torque, max.	0.6 Nm
Tightening torque, min.	0.4 Nm	Stripping length	10 mm
Type of connection	Screw connection	Number of connections	2
Clamping range, max.	4 mm ²	Clamping range, min.	0.05 mm ²
Clamping screw	M 2.5	Blade size	0.6 x 3.5 mm
Wire connection cross section AWG, min.	AWG 30	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	2.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.05 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	2.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.05 mm ²	Wire connection cross section, finely stranded, max.	4 mm ²
Wire connection cross section, finely stranded, min.	0.05 mm ²	Connection cross-section, stranded, max.	4 mm ²
Connection cross-section, stranded, min.	0.05 mm ²	Torque level with DMS electric screwdriver	1
Wire connection cross-section, solid core, max.	4 mm ²	Wire connection cross-section, solid core, min.	0.05 mm ²
Connection cross-section, finely stranded, min.	0.05 mm ²		

Dimensions

TS 35 offset	32 mm
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General

Wire connection cross section AWG, max.	AWG 12	Installation advice	when screwed in
Wire connection cross section AWG, min.	AWG 30	Standards	IEC 60947-7-2
Mounting rail	TS 35		

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Rating data

Rated cross-section	2.5 mm ²	Rated voltage to adjoining terminal	800 V
Rated DC voltage	800 V	Standards	IEC 60947-7-2
Volume resistance according to IEC 60947-7-x	1.33 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

Conductor size Factory wiring max. (UR)	12 AWG	Conductor size Factory wiring min. (UR)	26 AWG
Certificate No. (UR)	E60693	Conductor size Field wiring min. (UR)	22 AWG
Conductor size Field wiring max. (UR)	12 AWG		

Classifications

ETIM 8.0	EC000901	ETIM 9.0	EC000901
ETIM 10.0	EC000901	ECLASS 14.0	27-25-01-03
ECLASS 15.0	27-25-01-03		

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Drawings

