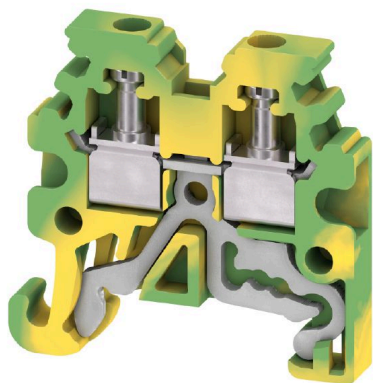


**WPE 1.5/R3.5****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Product image**

Thanks to their compact design, Mini rail-mounted terminal blocks are ideal for working in confined spaces such as small housings and terminal boxes.

**General ordering data**

Version	PE terminal, Screw connection, Green/yellow, 1.5 mm <sup>2</sup> , 400 V, Number of connections: 2, Number of levels: 1, TS 15, V-0, Wemid
Order No.	<a href="#">1798460000</a>
Type	WPE 1.5/R3.5
GTIN (EAN)	4032248330003
Qty.	50 items

## Technical data

### Approvals

Approvals



ROHS	Conform
UL File Number Search	<a href="#">UL Website</a>
Certificate No. (UR)	E60693

### Dimensions and weights

Depth	24 mm	Depth (inches)	0.9449 inch
Depth including DIN rail	25 mm	Height	24.5 mm
Height (inches)	0.9646 inch	Width	3.5 mm
Width (inches)	0.1378 inch	Net weight	2.14 g

### Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-5 °C...40 °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	0.201 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 <sup>2</sup>	Wire cross section max. (IECEx)	2.5 mm <sup>2</sup>
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
Mounting rail	TS 15	N-function	No
PE function	Yes	PEN function	No

## WPE 1.5/R3.5

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## Technical data

## Additional technical data

Open sides	right	Number of similar terminals	1
Installation advice	when screwed in	Explosion-tested version	No
Type of mounting	Snap-on		

## CSA rating data

Wire cross section max. (CSA)	18 AWG	Certificate No. (CSA)	200039-1057876
Wire cross section min. (CSA)	26 AWG		

## Conductors for clamping (additional connection)

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	1.5 mm <sup>2</sup>		
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## Conductors for clamping (rated connection)

Gauge to IEC 60947-1	A1	Wire connection cross section AWG, max.	AWG 16
Connection direction	on side	Tightening torque, max.	0.3 Nm
Tightening torque, min.	0.3 Nm	Stripping length	7 mm
Type of connection	Screw connection	Number of connections	2
Clamping range, max.	1.5 mm <sup>2</sup>	Clamping range, min.	0.13 mm <sup>2</sup>
Clamping screw	M 2	Blade size	0.4 x 2.5 mm
Wire connection cross section AWG, min.	AWG 26	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	0.5 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.	1.5 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.	1.5 mm <sup>2</sup>
Wire connection cross section, finely stranded, min.	0.5 mm <sup>2</sup>	Connection cross-section, stranded, max.	1.5 mm <sup>2</sup>
Connection cross-section, stranded, min.	1.5 mm <sup>2</sup>	Wire connection cross-section, solid core, max.	1.5 mm <sup>2</sup>
Wire connection cross-section, solid core, min.	0.5 mm <sup>2</sup>		

## Dimensions

TS 15 offset	13.5 mm		
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## General

Wire connection cross section AWG, max.	AWG 16	Installation advice	when screwed in
Wire connection cross section AWG, min.	AWG 26	Standards	IEC 60947-7-2
Mounting rail	TS 15		

## Rating data

Rated cross-section	1.5 mm <sup>2</sup>	Rated voltage to adjoining terminal	400 V
Rated DC voltage	400 V	Standards	IEC 60947-7-2

## WPE 1.5/R3.5

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## Technical data

Volume resistance according to IEC 60947-7-x	1.83 mΩ	Rated impulse withstand voltage	4 kV
Rated impulse withstand voltage to adjacent terminal	6 kV	Power loss in accordance with IEC 60947-7-x	0.56 W
Pollution severity	3		

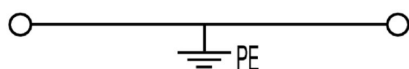
## UL rating data

Conductor size Factory wiring max. (UR)	18 AWG	Conductor size Factory wiring min. (UR)	26 AWG
Certificate No. (UR)	E60693	Conductor size Field wiring min. (UR)	26 AWG
Conductor size Field wiring max. (UR)	18 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		

## Drawings



## Accessories

### End plates and partition plates

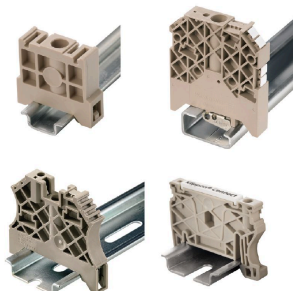


End plates are fitted to the open side of the last modular terminal before the end bracket. The use of an end plate ensures the function of the modular terminal and the specified rated voltage. It guarantees protection against contact with live parts and makes the final terminal finger-proof.

#### General ordering data

Type	WAP WDU1.5/R3.5	Version
Order No.	<a href="#">1754190000</a>	End plate for terminals, dark beige, Height: 25.1 mm, Width: 1.5 mm,
GTIN (EAN)	4032248022427	V-0, Wemid, Snap-on: No
Qty.	20 ST	

### End bracket

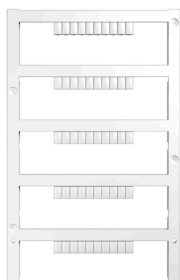


Weidmüller's range of products includes end brackets that guarantee a permanent, reliable mounting on the terminal rail and prevent sliding. Versions with and without screws are available. The end brackets include marking options, also for group markers, and also a test plug holder.

#### General ordering data

Type	EW 15	Version
Order No.	<a href="#">0382860000</a>	End bracket, beige, TS 15, V-2, Polyamide 66, Width: 10 mm, 100 °C
GTIN (EAN)	4008190187804	
Qty.	50 ST	

### Blank



The Dekafix (DEK) marker is the universal marker for all conductor and plug-in connectors as well as for electronic sub-assemblies. The system is ideal for short number sequences and covers a wide range of ready-printed markers.

Strips for fast installation in only one work step. The printing is easy to read, rich in contrast and available in various widths.

- Large range of ready-to-use markers
  - Strips for fast installation
  - Terminal markers, suitable for all Weidmüller cable connectors
  - Available as blank MultiCard or with standard printing
- For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

## WPE 1.5/R3.5

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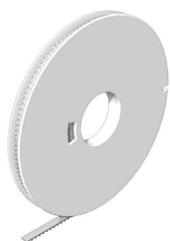
www.weidmueller.com

## Accessories

## General ordering data

Type	DEK 5/3.5 MC NE WS	Version
Order No.	<a href="#">1755270000</a>	Dekafix, Terminal marker, 5 x 3.5 mm, Pitch in mm (P): 3.50
GTIN (EAN)	4032248017348	Weidmueller, white
Qty.	500 ST	
Type	WS 12/3.5 MC NE WS	Version
Order No.	<a href="#">1778270000</a>	WS, Terminal marker, 12 x 3.5 mm, Pitch in mm (P): 3.50
GTIN (EAN)	4032248161041	Weidmueller, Allen-Bradley, white
Qty.	600 ST	

## DEK 5/3.5



## WS/ DEK

MultiMark terminal markers use an innovative composite material made from two components. The hard base contour of the marker snaps securely into the connector. The elastic surface finish makes the marker easy to mount. This specially punched material enables the strips to be stretched to accommodate the slight variations in spacing that tend to add up, especially with long terminal blocks. Another advantage: the excellent printability of the surface material guarantees durable and wear-resistant labelling. A print resolution of 300 dpi also produces a very legible script.

Your benefits with MultiMark

- Firm hold and durable printing
- Continuous strips save installation time
- Easy mounting thanks to an innovative composite material
- Large label field for optimal legibility
- High flexibility thanks to manufacturer independence

## General ordering data

Type	DEK 5/3.5 MM WS	Version
Order No.	<a href="#">2007100000</a>	Dekafix, Terminal marker, 5 x 3.5 mm, Weidmueller, white
GTIN (EAN)	4050118391992	
Qty.	1000 ST	

**Accessories****WS 12/3.5****WS/ DEK**

MultiMark terminal markers use an innovative composite material made from two components. The hard base contour of the marker snaps securely into the connector. The elastic surface finish makes the marker easy to mount. This specially punched material enables the strips to be stretched to accommodate the slight variations in spacing that tend to add up, especially with long terminal blocks. Another advantage: the excellent printability of the surface material guarantees durable and wear-resistant labelling. A print resolution of 300 dpi also produces a very legible script.

**Your benefits with MultiMark**

- Firm hold and durable printing
- Continuous strips save installation time
- Easy mounting thanks to an innovative composite material
- Large label field for optimal legibility
- High flexibility thanks to manufacturer independence

**General ordering data**

Type	WS 12/3.5 MM WS	Version
Order No.	<a href="#">2007180000</a>	WS, Terminal marker, 12 x 3.5 mm, Weidmueller, white
GTIN (EAN)	4050118392203	
Qty.	1000 ST	