WPE 1.5/R3.5

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 easer and optimises operational safety. Klippon® Connect provides a proven response to a range of different requirements.

General ordering data

Version	PE terminal, Screw connection, 1.5 mm², 180 A (1.5 mm²), Green/yellow
Order No.	1798460000
Type	WPE 1.5/R3.5
GTIN (EAN)	4032248330003
Qty.	50 pc(s).

Creation date January 28, 2022 3:34:53 AM CET

WPE 1.5/R3.5

Technical data

Dimensions and weights

Depth	24 mm	Depth (inches)	0.945 inch
Depth including DIN rail	25 mm	Height	24.5 mm
Height (inches)	0.965 inch	Width	3.5 mm
Width (inches)	0.138 inch	Net weight	2.14 g

Temperatures

Storage temperature	-25 °C...55 °C	Continuous operating temp., min.	-60 °C
Continuous operating temp., max.	130 °C		

Material data

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 mm²	Wire cross section max. (IECEX)	2.5 mm²
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
Rail	TS 15	N-function	No
PE function	Yes	PEN function	No

Additional technical data

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

CSA rating data

Certificate No. (CSA)	200039-1057876	Wire cross section max. (CSA)	18 AWG
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 mm²

Creation date January 28, 2022 3:34:53 AM CET

Weidmüller ヨΞ

WPE 1.5/R3.5

Technical data

Conductors for clamping (rated connection)

Blade size	0.4 x 2.5 mm	Clamping range, max.	1.5 mm²
Clamping range, min.	0.13 mm²	Clamping screw	M 2
Connection cross-section, stranded, max.	1.5 mm²	Connection cross-section, stranded, min.	1.5 mm²
Connection direction	on side	Gauge to IEC 60947-1	A1
Number of connections	2	Stripping length	7 mm
Tightening torque, min.	0.3 Nm	Type of connection	Screw connection
Wire connection cross section AWG, max.	AWG 16	Wire connection cross section AWG, min.	AWG 26
Wire connection cross section, finely stranded, max.	1.5 mm²	Wire connection cross section, finely stranded, min.	0.5 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	1.5 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	0.5 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm²
Wire connection cross-section, solid core, max.	1.5 mm²	Wire connection cross-section, solid core, min.	0.5 mm²

Dimensions

TS 15 offset	13.5 mm

General

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

PE rating data

Rated short-time current	180 A (1.5 mm²)	PEN function	No

Rating data

Rated cross-section	1.5 mm²	Rated voltage to adjoining terminal	400 V
Standards	IEC 60947-7-2	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

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

WPE 1.5/R3.5

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	CCC C CE CSA ATEX EAC IEC EX KEMA KEUR UL
ROHS	Conform
UL File Number Search	E60693

Downloads

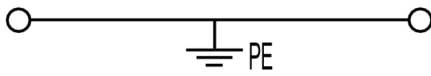|	
Approval/Certificate/Document of Conformity	Attestation of Conformity IECEx Certificate CB Test Certificate CB Certificate EAC certificate EAC EX Certificate CCC Ex Certificate CE Declaration of Conformity ATEX Certificate CE Declaration of Conformity all terminals
Engineering Data	CAD data – STEP
Engineering Data	EPLAN, WSCAD, Zuken E3.S
User Documentation	NTI WDU/WPE 1.5/R3.5 StorageConditionsTerminalBlocks NTI WDK-WPE 1,5 R3,5
Catalogues	Catalogues in PDF-format
Brochures	

WPE 1.5/R3.5

Drawings

PE

Creation date January 28, 2022 3:34:53 AM CET

Catalogue status 14.01.2022 / We reserve the right to make technical changes.

5

Weidmüller

WPE 1.5/R3.5

Accessories

Blank

WS markers are the perfect match for the W-series connectors. Thanks to their system compatibility, the WS tags can also be used with the I-series and the Z-series. The large marking surfaces do not only permit long character strings but also multi-line text.
WS markers are ideal for labels with long, customised character strings. Thanks to the proven MultiCard format, printing with PrintJet CONNECT oder/or Plotter is possible.
• Can be fitted in strips or individually
• Markers in proven MultiCard format

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.

General ordering data

Type	WS 12/3.5 MC NE WS	Version	
Order No.	1778270000	WS, Terminal marker, 12 x 3.5 mm, Pitch in mm (P): 3.50	
GTIN (EAN)	4032248161041	Weidmueller, Allen-Bradley, white	
Qty.	600 pc(s).		

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.	2007100000	Dekafix, Terminal marker, 5 x 3.5 mm, Weidmueller, white	
GTIN (EAN)	4050118391992		
Qty.	1,000 pc(s).		

Creation date January 28, 2022 3:34:53 AM CET

WPE 1.5/R3.5

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

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.	2007180000	WS, Terminal marker, 12 x 3.5 mm, Weidmueller, white	
GTIN (EAN)	4050118392203		
Qty.	1,000 pc(s).		

Creation date January 28, 2022 3:34:53 AM CET

Weidmüller ⧓

WPE 1.5/R3.5

Accessories

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.

General ordering data

Type	DEK 5/3.5 MC NE WS	Version	
Order No.	1755270000	Dekafix, Terminal marker, 5 x 3.5 mm, Pitch in mm (P): 3.50	
GTIN (EAN)	4032248017348	Weidmueller, white	
Qty.	500 pc(s).		

1.5 mm²

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.
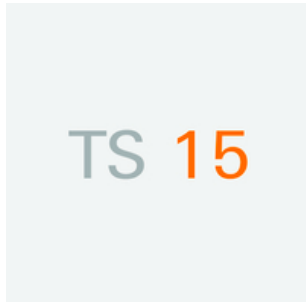
General ordering data

Type	WAP WDU1.5/R3.5	Version	
Order No.	1754190000	W-Series, End plate	
GTIN (EAN)	4032248022427		
Qty.	20 pc(s).		

Weidmüller ⅢΞ

WPE 1.5/R3.5

Accessories

TS 15

TS 15

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.	0382860000	Accessories, End bracket	
GTIN (EAN)	4008190187804		
Qty.	50 pc(s).		

Catalogue status 14.01.2022 / We reserve the right to make technical changes.

9

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for Pluggable Terminal Blocks *category:*

Click to view products by Weidmuller *manufacturer:*

Other Similar products are found below :

57.510.0053 MC 1.5/ 6-ST-3.5 GY AU ET02015000J0G 734-104 734-302 8-141-P 8426620000 860505 860516 860810 GBPACX-12 93.731.4953.0 PV05-5,08-K PVP03-3,50 PVP04-3,50 PVS02-5,00 1-1986160-3 1377680000 1531000000 1546228-5 ELFH16150 ELFP03110 ELFP10210 ELFT06250 ELVP03100 1700101 1700410 1700425 1702246 1705229 1710175 1714537 1717806 1719600 1728941 1734692 1734795 1736036 1740194 1740291 1740628 1740990 1746952 1750207 1752441 1752865 1754115 1754144 1756913 1760051