

WTR 35 E**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image**

Earth-wire disconnect terminal helps detect earth faults and enables the earthing of the auxiliary circuit to be disconnected. The different kind of operation status is indicated by a red and green LED.

General ordering data

Version	Test-disconnect terminal, Screw connection, 35 mm ² , 24 V, 125 A, sliding, Cross-disconnect: without, Integral test socket: No, TS 35, dark beige
Order No.	1045970000
Type	WTR 35 E
GTIN (EAN)	4032248784950
Qty.	5 pc(s).

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Technical data**Dimensions and weights**

Depth	67.5 mm	Depth (inches)	2.657 inch
Depth including DIN rail	68 mm	Height	100 mm
Height (inches)	3.937 inch	Width	32 mm
Width (inches)	1.26 inch	Net weight	197.6 g

Temperatures

Storage temperature	-25 °C...55 °C	Continuous operating temp., min.	-50 °C
Continuous operating temp., max.	120 °C		

Material data

Material	Wemid	Colour	dark beige
UL 94 flammability rating	V-0		

System specifications

Version	Screw connection, Spacer, with LED, in closed state	End cover plate required	No
Number of potentials	1	Number of levels	1
Number of clamping points per level	4	Number of potentials per tier	1
Levels cross-connected internally	No	PE connection	No
Rail	TS 35	N-function	No
PE function	No	PEN function	No

Additional technical data

Electronic component	red LED, Green LED	Type of mounting	Snap-on
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Conductors for clamping (additional connection)

Connection type, additional connection	Screw connection
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Technical data

Conductors for clamping (rated connection)

Blade size	1.2 x 6.5 mm	Clamping range, max.	35 mm ²
Clamping range, min.	4 mm ²	Clamping screw	M 6
Connection cross-section, stranded, max.	35 mm ²	Connection cross-section, stranded, min.	10 mm ²
Connection direction	on side	Gauge to IEC 60947-1	B9
Number of connections	2	Stripping length	18 mm
Tightening torque, min.	4 Nm	Type of connection	Screw connection
Type of connection 2	Screw connection	Wire connection cross section AWG, max.	AWG 2
Wire connection cross section AWG, min.	AWG 12	Wire connection cross section, finely stranded, max.	35 mm ²
Wire connection cross section, finely stranded, min.	4 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	35 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	4 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	35 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	4 mm ²	Wire connection cross-section, solid core, max.	16 mm ²
Wire connection cross-section, solid core, min.	4 mm ²		

Dimensions

TS 35 offset	50 mm
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Disconnect terminals

Cross-disconnect	without	Integral test socket	No
Slitting	sliding		

General

Rail	TS 35	Wire connection cross section AWG, max.	AWG 2
Wire connection cross section AWG, min.	AWG 12		

Rating data

Rated cross-section	35 mm ²	Rated voltage	24 V
Rated DC voltage	24 V	Rated current	125 A
Current at maximum wires	125 A	Volume resistance according to IEC 60947-7-x	0.26 mΩ
Rated impulse withstand voltage	0.8 kV	Power loss in accordance with IEC 60947-7-x	4 W
Pollution severity	3		

Classifications

ETIM 6.0	EC000902	ETIM 7.0	EC000902
ETIM 8.0	EC000902	ETIM 9.0	EC000902
ECLASS 9.0	27-14-11-26	ECLASS 9.1	27-14-11-26
ECLASS 10.0	27-14-11-26	ECLASS 11.0	27-14-11-26
ECLASS 12.0	27-14-11-26	ECLASS 13.0	27-25-01-09

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www.weidmueller.com**Technical data****Approvals**

Approvals



ROHS

Conform

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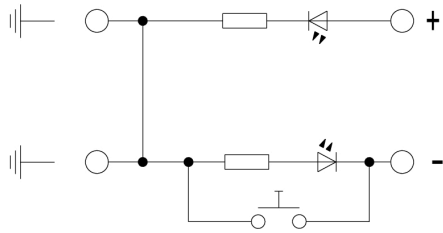
Approval/Certificate/Document of Conformity	CE Declaration of Conformity UKCA declaration of conformity
Engineering Data	CAD data – STEP
Engineering Data	Zuken E3.S
User Documentation	StorageConditionsTerminalBlocks
Catalogues	Catalogues in PDF-format
Brochures	

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Drawings



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Accessories

Marker holder



The marker holder offer the possibility of additional mounting of standard markers with a pitch of 5 or 5.1 mm. The angled holders can be optionally snapped together and could be mounted in all standard marking channels of the Klippon® Connect modular terminal blocks. Fitting marker types could be found under the respective accessories of the designation marking holder.

General ordering data

Type	BZT 1 ZA WS 10/5	Version
Order No.	1805520000	Accessories, Marker holder
GTIN (EAN)	4032248270248	
Qty.	100 pc(s).	
Type	BZT 1 WS 10/5	Version
Order No.	1805490000	Accessories, Marker holder
GTIN (EAN)	4032248270231	
Qty.	100 pc(s).	

Switch lock



General ordering data

Type	DTLE 2.5/4	Version
Order No.	2910530000	Locking element (terminal), Wemid, red
GTIN (EAN)	4099986519466	
Qty.	25 pc(s).	

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www.weidmueller.com**Accessories****W-Series**

W
Series

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	WEW 35/1	Version
Order No.	1059000000	End bracket, Wemid, dark beige, Rail: TS 35, when screwed in
GTIN (EAN)	4008190172282	
Qty.	50 pc(s).	

Slotted screwdriver

Slotted screwdriver with rounded blade SD DIN 5265, ISO 2380/2, output to DIN 5264, ISO 2380/1. ChromTop tip, SoftFinish grip

General ordering data

Type	SDS 1.2X6.5X150	Version
Order No.	9009010000	Screwdriver, Screwdriver
GTIN (EAN)	4032248266869	
Qty.	1 pc(s).	

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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 12/6 MC NE WS	Version
Order No.	1609900000	WS, Terminal marker, 12 x 6 mm, Pitch in mm (P): 6.00 Weidmueller,
GTIN (EAN)	4008190203467	Allen-Bradley, white
Qty.	600 pc(s).	

WS 12/6



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 12/6 MM WS	Version
Order No.	2007200000	WS, Terminal marker, 12 x 6 mm, Weidmueller, white
GTIN (EAN)	4050118391886	
Qty.	600 pc(s).	