

**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, dark beige, 35 mm <sup>2</sup> , 125 A, 24 V, Number of connections: 2, Number of levels: 1
Order No.	<a href="#">1045970000</a>
Type	WTR 35 E
GTIN (EAN)	4032248784950
Qty.	5 items

## WTR 35 E

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## Technical data

## Approvals

Approvals



ROHS Conform

## Dimensions and weights

Depth	67.5 mm	Depth (inches)	2.6575 inch
Depth including DIN rail	68 mm	Height	100 mm
Height (inches)	3.937 inch	Width	32 mm
Width (inches)	1.2598 inch	Net weight	172.83 g

## Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-5 °C...40 °C
Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	120 °C

## Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

## Material data

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

## Additional technical data

Type of mounting	Snap-on
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## Conductors for clamping (additional connection)

Connection type, additional connection	Screw connection
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## Conductors for clamping (rated connection)

Gauge to IEC 60947-1	B9	Wire connection cross section AWG, max.	AWG 2
Connection direction	on side	Tightening torque, min.	4 Nm
Stripping length	18 mm	Type of connection 2	Screw connection
Type of connection	Screw connection	Number of connections	2
Clamping range, max.	35 mm <sup>2</sup>	Clamping range, min.	4 mm <sup>2</sup>
Clamping screw	M 6	Blade size	1.2 x 6.5 mm

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Wire connection cross section AWG, min.	AWG 12	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	35 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	4 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	35 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	4 mm <sup>2</sup>	Wire connection cross section, finely stranded, max.	35 mm <sup>2</sup>
Wire connection cross section, finely stranded, min.	4 mm <sup>2</sup>	Connection cross-section, stranded, max.	35 mm <sup>2</sup>
Connection cross-section, stranded, min.	4 mm <sup>2</sup>	Wire connection cross-section, solid core, max.	16 mm <sup>2</sup>
Wire connection cross-section, solid core, min.	4 mm <sup>2</sup>	Connection cross-section, finely stranded, min.	4 mm <sup>2</sup>

## Dimensions

TS 35 offset 50 mm

## General

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

## Rating data

Rated cross-section	35 mm <sup>2</sup>	Rated voltage	24 V
Rated DC voltage	24 V	Nominal 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	4.00 W
Pollution severity	3		

## Classifications

ETIM 8.0	EC000902	ETIM 9.0	EC000902
ETIM 10.0	EC000902	ECLASS 14.0	27-25-01-09
ECLASS 15.0	27-25-01-09		

Drawings

