

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 ² , 125 A, 24 V, Number of connections: 2, Number of levels: 1, TS 35, V-0, Wemid
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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Technical data

Environmental Product Compliance

REACH SVHC	/
RoHS Compliance Status	Compliant without exemption

Approvals

Approvals



ROHS	Conform
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Downloads

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

