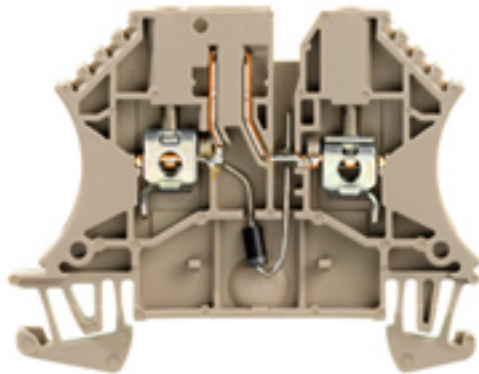


WTR 2.5 D+ 2STB 6.9/2.3**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**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 easier and optimises operational safety. Klippon® Connect provides a proven response to a range of different requirements.

General ordering data

Version	Test-disconnect terminal, Screw connection, 2.5 mm ² , 500 V, 1 A, Pivoting, dark beige
Order No.	1961750000
Type	WTR 2.5 D+ 2STB 6.9/2.3
GTIN (EAN)	4032248642496
Qty.	25 pc(s).

WTR 2.5 D+ 2STB 6.9/2.3

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Dimensions and weights

Depth	48 mm	Depth (inches)	1.89 °C
Height	60 mm	Height (inches)	2.362 °C
Width	5.1 mm	Width (inches)	0.201 °C
Net weight	9.03 g		

Temperatures

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

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
------------	----------------

Material data

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

System specifications

Version	Screw connection, Spacer, with diode, With sockets, 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	No
Rail	TS 35	N-function	No
PE function	No	PEN function	No

2 clampable conductors (H05V/H07V) with equal cross-section (rated connection)

Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, max.	1.5 Nm	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, min.	0.5 Nm
Wire connection cross section, finely stranded, two clampable wires, min.	0.5 Nm	Wire cross-section, finely stranded, two clampable wires, max.	1.5 Nm

Additional technical data

Electronic component	Diode	Explosion-tested version	No
Number of similar terminals	1	Open sides	right
Type of mounting	Snap-on		

CSA rating data

Certificate No. (CSA)	200039-1152890	Current size C (CSA)	10 A
Voltage size C (CSA)	300 V	Wire cross section max. (CSA)	12 AWG
Wire cross section min. (CSA)	26 AWG		

WTR 2.5 D+ 2STB 6.9/2.3

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Component

Component diode	Type diode	1N4007
	Forward current	1 A
	Reverse voltage	1,300 V
	Forward voltage	0.7 V

Conductors for clamping (rated connection)

Blade size	0.6 x 3.5 mm	Clamping range, max.	4 Nm
Clamping range, min.	0.13 Nm	Clamping screw	M 3
Connection cross-section, stranded, min.	1.5 Nm	Connection direction	on side
Gauge to IEC 60947-1	A3	Number of connections	2
Stripping length	10 mm	Tightening torque, max.	0.6 inch
Tightening torque, min.	0.5 inch	Type of connection	Screw connection
Wire connection cross section AWG, max.	AWG 12	Wire connection cross section AWG, min.	AWG 26
Wire connection cross section, finely stranded, max.	4 Nm	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	2.5 Nm
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 Nm	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	2.5 Nm
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 Nm	Wire connection cross-section, solid core, max.	4 Nm
Wire connection cross-section, solid core, min.	0.5 Nm		

Dimensions

TS 35 offset	32 mm
--------------	-------

General

Rail	TS 35	Standards	IEC 60947-7-1
Wire connection cross section AWG, max.	AWG 12	Wire connection cross section AWG, min.	AWG 26

Rating data

Rated cross-section	2.5 Nm	Rated voltage	500 V
Rated current	1 A	Current at maximum wires	1 A
Standards	IEC 60947-7-1	Volume resistance according to IEC 60947-7-x	1.33 °C
Rated impulse withstand voltage	6 kV	Power loss in accordance with IEC 60947-7-x	0.77 W
Pollution severity	3		

UL rating data

Certificate No. (UR)	E60693	Current size C (UR)	20 A
UL_current_Print	20 A	UL_voltage_Print	300 V
UL_wire_max_Print	12 A / 6 A / 10 A / 13 A / 15 A	Voltage size C (UR)	300 V
Wire cross section max. (UR)	12 AWG	Wire cross section min. (UR)	30 AWG

WTR 2.5 D+ 2STB 6.9/2.3**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data**Classifications**

ETIM 6.0	EC000902	ETIM 7.0	EC000902
ETIM 8.0	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		

Important note

Product information	Rated current 10 A only for the continuous currentbar. Components may reduce the rated current and the rated voltage. The permissible continuous operating temperature must be observed. The allowed continuous operating temperature must be observed
---------------------	--

Approvals

Approvals



ROHS	Conform
UL File Number Search	E60693

Downloads

Approval/Certificate/Document of Conformity	EAC certificate DNVGL certificate Declaration of Conformity Declaration of Conformity all terminals
Engineering Data	STEP
Engineering Data	EPLAN, WSCAD
User Documentation	StorageConditionsTerminalBlocks
Catalogues	Catalogues in PDF-format

WTR 2.5 D+ 2STB 6.9/2.3

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

www.weidmueller.com

Drawings

