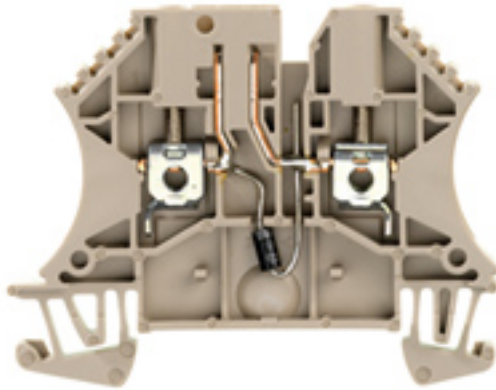


WTR 2.5 D- 2STB 6.9/2.3**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image**

Why not integrating simple electrical functions into a feed through terminal. It has the same slim design of our feed-through terminal blocks - with additional functions such as cross-connections that can be used. Often, you only need a small component to integrate an external device into your automation technology. Our modular terminal blocks with electronic components make this possible; quickly, simply, and with a perfect fit.

General ordering data

Version	Test-disconnect terminal, Screw connection, 2.5 mm ² , 500 V, 0.5 A, Pivoting, Cross-disconnect: without, Integral test socket: Yes, TS 35, dark beige
Order No.	1964810000
Type	WTR 2.5 D- 2STB 6.9/2.3
GTIN (EAN)	4032248651580
Qty.	25 pc(s).

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Technical data

Dimensions and weights

Depth	48 mm	Depth (inches)	1.89 inch
Height	60 mm	Height (inches)	2.362 inch
Width	5.1 mm	Width (inches)	0.201 inch
Net weight	9.88 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 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 mm ²	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, min.	0.5 mm ²
Wire connection cross section, finely stranded, two clampable wires, min.	0.5 mm ²	Wire cross-section, finely stranded, two clampable wires, max.	1.5 mm ²

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)	200039-1 152890	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		

Component

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

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Technical data

Conductors for clamping (additional connection)

Connection type, additional connection Screw connection

Conductors for clamping (rated connection)

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

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 mm ²	Rated voltage	500 V
Rated DC voltage	500 V	Rated current	0.5 A
Current at maximum wires	1 A	Standards	IEC 60947-7-1
Volume resistance according to IEC 60947-7-x	1.33 mΩ	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
Voltage size C (UR)	300 V	Wire cross section max. (UR)	12 AWG
Wire cross section min. (UR)	30 AWG		

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Technical data

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

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	f92ee310-1e24-42d5-9b63-f4a42add4010

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
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Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (UR)	E60693

Downloads

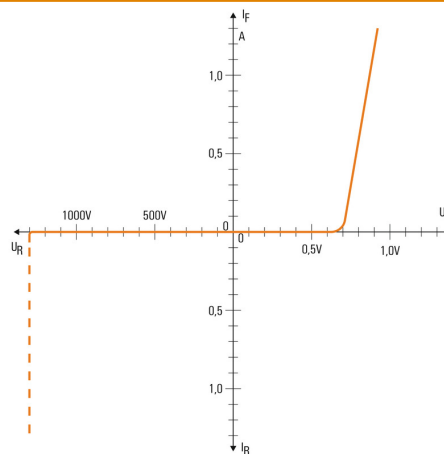
Approval/Certificate/Document of Conformity	DNVGL certificate CE Declaration of Conformity UKCA declaration of conformity Confirmation of Standards EN 45545-2_2020-10
Engineering Data	CAD data – STEP
User Documentation	StorageConditionsTerminalBlocks
Catalogues	Catalogues in PDF-format

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

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www.weidmueller.com**Drawings**

WTR 2.5 D- 2STB 6.9/2.3

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Accessories

2.5-10 mm²2.5-10
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 16+35 WTW 2.5-10	Version
Order No.	1050100000	End and partition plate for terminals, End plate, 56 mm x 1.5 mm, dark
GTIN (EAN)	4008190079901	beige
Qty.	20 pc(s).	
Type	WAP 2.5-10	Version
Order No.	1050000000	End plate (terminals), 56 mm x 1.5 mm, dark beige
GTIN (EAN)	4008190103149	
Qty.	50 pc(s).	
Type	WAP 2.5-10 BL	Version
Order No.	1050080000	End plate (terminals), 56 mm x 1.5 mm, blue
GTIN (EAN)	4008190136611	
Qty.	50 pc(s).	

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 5/5 MC NE WS	Version
Order No.	1609801044	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4008190397111	Weidmueller, white
Qty.	1,000 pc(s).	

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

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www.weidmueller.com**Accessories****Slotted screwdriver**

VDE insulated slot-head screwdriver, SDI DIN 7437, ISO 2380/2, drive output acc. to DIN 5264, ISO 2380/1. SoftFinish grip

General ordering data

Type	SDIZ 0.6X3.5X100	Version
Order No.	9008450000	Screwdriver, Blade width (B): 3.5 mm, Blade length: 100 mm, Blade
GTIN (EAN)	4032248056446	thickness (A): 0.6 mm
Qty.	1 pc(s).	

BE6.3 bits - slotted

1/4" hexagon drive to DIN 3126, form E6.3 for direct machine connection
Slot-head bits DIN 5264, 1/4" drive, E6.3 DIN 3126

General ordering data

Type	BIT E6.3Z 0.6X3.5X70	Version
Order No.	9205670000	Accessories, Screwdriver insert
GTIN (EAN)	4032248772971	
Qty.	5 pc(s).	

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Accessories

Custom printing



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 12/5 MC SDR	Version
Order No.	1609870000	WS, Terminal marker, 12 x 5 mm, Pitch in mm (P): 5.00 Weidmueller,
GTIN (EAN)	4008190456641	Allen-Bradley, To customer specification
Qty.	144 pc(s).	

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 WS 10/5	Version
Order No.	1805490000	Accessories, Marker holder
GTIN (EAN)	4032248270231	
Qty.	100 pc(s).	

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

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

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www.weidmueller.com**Accessories****Fuse holder**

The fuse holder SIHA quickly turns a disconnect terminal into a fuse terminal: simply remove the disconnect lever and attach the fuse unit.

General ordering data

Type	SIHA 3/G20/LD 10-36V	Version
Order No.	7921570000	Fuse holder for feed-through modular terminal, 2.31 mA, pluggable
GTIN (EAN)	4032248322503	
Qty.	25 pc(s).	
Type	SIHA 3/G20/LD 140-250V	Version
Order No.	7921600000	Fuse holder for feed-through modular terminal, 2.31 mA, pluggable
GTIN (EAN)	4032248322633	
Qty.	25 pc(s).	
Type	SIHA 3/G20	Version
Order No.	7921560000	Fuse holder for feed-through modular terminal, pluggable
GTIN (EAN)	4032248264643	
Qty.	25 pc(s).	