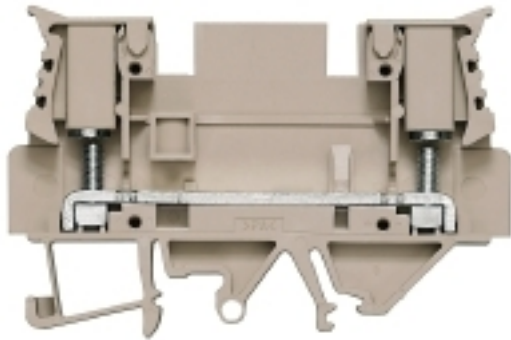


WTD 6/4 FF**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image****Current and voltage transformer wiring**

Our test disconnect terminal blocks featuring spring and screw connection technology allow you to create all the important converter circuits for measuring current, voltage and power in a safe and sophisticated way.

General ordering data

Version	Feed-through terminal block, Screw connection, dark beige, 6 mm ² , 41 A, 800 V, Number of connections: 2
Order No.	1887220000
Type	WTD 6/4 FF
GTIN (EAN)	4032248526802
Qty.	50 pc(s).

WTD 6/4 FF

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Dimensions and weights

Depth	52 mm	Depth (inches)	2.047 inch
Depth including DIN rail	53.4 mm	Height	76.5 mm
Height (inches)	3.012 inch	Width	11 mm
Width (inches)	0.433 inch	Net weight	31.592 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

Material data

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

System specifications

Version	Screw connection, for plug-in cross-connector, 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, TS 32	N-function	No
PE function	No	PEN function	No

Additional technical data

Explosion-tested version	No	Type of mounting	Snap-on
--------------------------	----	------------------	---------

CSA rating data

Certificate number (cCSAus)	227775-1609344	Current size B (cCSAus)	40 A
Current size C (cCSAus)	40 A	Current size D (cCSAus)	40 A
Voltage size B (cCSAus)	600 V	Voltage size C (cCSAus)	600 V
Voltage size D (cCSAus)	600 V	Wire cross section max. (cCSAusX)	10 AWG
Wire cross section min. (cCSAusX)	26 AWG		

Conductors for clamping (additional connection)

Connection type, additional connection	Screw connection
--	------------------

WTD 6/4 FF

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Conductors for clamping (rated connection)

Blade size	0.8 x 5.5 mm	Clamping range, max.	6 mm ²
Clamping range, min.	1.5 mm ²	Clamping screw	M 4
Connection cross-section, stranded, max.	6 mm ²	Connection cross-section, stranded, min.	0.5 mm ²
Connection direction	on side	Number of connections	2
Tightening torque, max.	2.4 Nm	Tightening torque, min.	1.2 Nm
Type of connection	Screw connection	Wire connection cross section AWG, max.	AWG 10
Wire connection cross section AWG, min.	AWG 16	Wire connection cross section, finely stranded, max.	6 mm ²
Wire connection cross section, finely stranded, min.	1.5 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	6 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.	6 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.	10 mm ²
Wire connection cross-section, solid core, min.	0.5 mm ²		

Dimensions

TS 32 offset	38.5 mm	TS 35 offset	38.5 mm
--------------	---------	--------------	---------

General

Rail	TS 35, TS 32	Standards	IEC 60947-7-1
Wire connection cross section AWG, max.	AWG 10	Wire connection cross section AWG, min.	AWG 16

Rating data

Rated cross-section	6 mm ²	Rated voltage	800 V
Rated DC voltage	800 V	Rated current	41 A
Current at maximum wires	41 A	Standards	IEC 60947-7-1
Volume resistance according to IEC 60947-7-x	0.78 mΩ	Rated impulse withstand voltage	8 kV
Power loss in accordance with IEC 60947-7-x	1.31 W	Pollution severity	3

UL rating data

Certificate No. (cURus)	E60693	Conductor size Factory wiring max. (cURus)	10 AWG
Conductor size Factory wiring min. (cURus)	26 AWG	Conductor size Field wiring max. (cURus)	10 AWG
Conductor size Field wiring min. (cURus)	26 AWG	Current size B (cURus)	30 A
Current size C (cURus)	30 A	Voltage size B (cURus)	600 V
Voltage size C (cURus)	600 V		

WTD 6/4 FF

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Classifications

ETIM 6.0	EC000897	ETIM 7.0	EC000897
ETIM 8.0	EC000897	ETIM 9.0	EC000897
ETIM 10.0	EC000897	ECLASS 9.0	27-14-11-20
ECLASS 9.1	27-14-11-20	ECLASS 10.0	27-14-11-20
ECLASS 11.0	27-14-11-20	ECLASS 12.0	27-14-11-20
ECLASS 13.0	27-25-01-01	ECLASS 14.0	27-25-01-01
ECLASS 15.0	27-25-01-01		

Environmental Product Compliance

RoHS Compliance Status	Compliant
REACH SVHC	No SVHC above 0.1 wt%

Approvals

Approvals



Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319221/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319230/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319244/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319260/-T1z1mm-S800/
ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E60693

Downloads

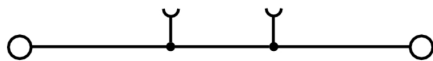
Approval/Certificate/Document of Conformity	CB Test Certificate CB Certificate CE Declaration of Conformity UKCA declaration of conformity Confirmation of Standards EN 45545-2_2020-10
Engineering Data	CAD data – STEP
User Documentation	StorageConditionsTerminalBlocks
Catalogues	Catalogues in PDF-format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

WTD 6/4 FF

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

www.weidmueller.com

Drawings



WTD 6/4 FF

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

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).	

QL mounting screws



Screwable cross-connections are easy to mount and de mount. Thanks to the big contact surface, even high currents can be transmitted with maximum contact reliability.

General ordering data

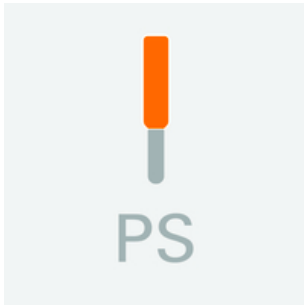
Type	KISC M3X20.5/10 EK4	Version
Order No.	0303000000	Clamping yoke, Mounting screw, Steel
GTIN (EAN)	4008190163686	
Qty.	100 pc(s).	

WTD 6/4 FF**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Accessories****Test plugs**

Test adapters and test plugs are used for the electrical connection between terminal blocks and the test equipment. In this way, an electrical contact can be established in the wired state and measurements can be done easily.

General ordering data

Type	PS 4 F.STB 4	Version
Order No.	0299600000	Test adapter (terminal), 230 V
GTIN (EAN)	4008190074043	
Qty.	20 pc(s).	

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 35/2	Version
Order No.	1061200000	End bracket, dark beige, TS 35, HB, Wemid, Width: 8 mm, 100 °C
GTIN (EAN)	4008190030230	
Qty.	50 pc(s).	

WTD 6/4 FF**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Accessories****10 mm²****10**
mm²

The plug-in cross-connections feature easy handling and quick installation. This saves a great deal of time during installation in comparison with screwed solutions.

General ordering data

Type	ZQV 10/2	Version
Order No.	1739680000	Accessories, Cross-connector, 57 A
GTIN (EAN)	4008190957131	
Qty.	25 pc(s).	

Crimping tools**Crimping tools for insulated connectors**

cable lugs, terminal pins, parallel and serial connectors, plug-in connectors

- Ratchet guarantees precise crimping
- Release option in the event of incorrect operation
- With stop for exact positioning of the contacts.
- Tested to DIN EN 60352 part 2

General ordering data

Type	CTI 6	Version
Order No.	9006120000	Pressing tool, Crimping tool for contacts, 0.5mm ² , 6mm ² , Oval
GTIN (EAN)	4008190044527	crimping, Double crimp
Qty.	1 pc(s).	

WTD 6/4 FF

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

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	SDIS 0.6X3.5X100	Version
Order No.	9008390000	Screwdriver, Screwdriver
GTIN (EAN)	4032248056354	
Qty.	1 pc(s).	

Cross Connection

General ordering data

Type	QL 4 WTL6/4FF	Version
Order No.	1897030000	Cross-connector (terminal), when screwed in, Silver grey, 41 A,
GTIN (EAN)	4032248514007	Number of poles: 4, Pitch in mm (P): 11.00, Insulated: No, Width: 2
Qty.	100 pc(s).	mm
Type	QL 10 WTL 6/4 FF	Version
Order No.	1897090000	Cross-connector (terminal), when screwed in, Silver grey, 41 A,
GTIN (EAN)	4032248514069	Number of poles: 10, Pitch in mm (P): 11.00, Insulated: No, Width: 2
Qty.	100 pc(s).	mm
Type	WQB 2 WTL 6/4 FF	Version
Order No.	2550640000	Cross-connector (terminal), when screwed in, orange, 41 A, Number
GTIN (EAN)	4050118560503	of poles: 2, Pitch in mm (P): 11.10, Insulated: Yes, Width: 18.2 mm
Qty.	10 pc(s).	
Type	WQB 4 WTL 6/4 FF	Version
Order No.	2550750000	Cross-connector (terminal), when screwed in, orange, 41 A, Number
GTIN (EAN)	4050118560619	of poles: 4, Pitch in mm (P): 11.10, Insulated: Yes, Width: 40.4 mm
Qty.	10 pc(s).	
Type	WQB 7 WTL 6/4 FF	Version
Order No.	2550770000	Cross-connector (terminal), when screwed in, orange, 41 A, Number
GTIN (EAN)	4050118560633	of poles: 7, Pitch in mm (P): 11.10, Insulated: Yes, Width: 73.7 mm
Qty.	10 pc(s).	

Creation date May 11, 2025 8:00:55 PM CEST

Catalogue status 26.04.2025 / We reserve the right to make technical changes.

WTD 6/4 FF

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Accessories

Type	QL 2 WTL6/4FF	Version
Order No.	1897010000	Cross-connector (terminal), when screwed in, Silver grey, 41 A,
GTIN (EAN)	4032248513987	Number of poles: 2, Pitch in mm (P): 11.00, Insulated: No, Width: 2
Qty.	100 pc(s).	mm
Type	QL 3 WTL6/4FF	Version
Order No.	1897020000	Cross-connector (terminal), when screwed in, Silver grey, 41 A,
GTIN (EAN)	4032248513994	Number of poles: 3, Pitch in mm (P): 11.00, Insulated: No, Width: 2
Qty.	100 pc(s).	mm
Type	Q 10 WTL 6/4FF	Version
Order No.	1897190000	Cross-connector (terminal), when screwed in, Silver grey, 41 A,
GTIN (EAN)	4032248514168	Number of poles: 10, Pitch in mm (P): 11.00, Insulated: No, Width: 2
Qty.	50 pc(s).	mm
Type	Q 2 WTL6/4FF	Version
Order No.	1897110000	Cross-connector (terminal), when screwed in, Silver grey, 41 A,
GTIN (EAN)	4032248514083	Number of poles: 2, Pitch in mm (P): 11.00, Insulated: No, Width: 2
Qty.	100 pc(s).	mm
Type	Q 4 WTL 6/4FF	Version
Order No.	1897130000	Cross-connector (terminal), when screwed in, Silver grey, 41 A,
GTIN (EAN)	4032248514106	Number of poles: 4, Pitch in mm (P): 11.00, Insulated: No, Width: 2
Qty.	100 pc(s).	mm
Type	WQB 5 WTL 6/4 FF	Version
Order No.	2550760000	Cross-connector (terminal), when screwed in, orange, 41 A, Number
GTIN (EAN)	4050118560626	of poles: 5, Pitch in mm (P): 11.10, Insulated: Yes, Width: 51.5 mm
Qty.	10 pc(s).	
Type	WQB 12 WTL 6/4 FF	Version
Order No.	2552080000	Cross-connector (terminal), when screwed in, orange, 41 A, Number
GTIN (EAN)	4050118577655	of poles: 12, Pitch in mm (P): 11.10, Insulated: Yes, Width: 129.1 mm
Qty.	10 pc(s).	
Type	WQB 10 WTL 6/4 FF	Version
Order No.	2550780000	Cross-connector (terminal), when screwed in, orange, 41 A, Number
GTIN (EAN)	4050118560640	of poles: 10, Pitch in mm (P): 11.10, Insulated: Yes, Width: 106.9 mm
Qty.	10 pc(s).	
Type	WQB 3 WTL 6/4 FF	Version
Order No.	2550740000	Cross-connector (terminal), when screwed in, orange, 41 A, Number
GTIN (EAN)	4050118560602	of poles: 3, Pitch in mm (P): 11.10, Insulated: Yes, Width: 29.3 mm
Qty.	10 pc(s).	
Type	WQB 6 WTL 6/4 FF	Version
Order No.	2551490000	Cross-connector (terminal), when screwed in, orange, 41 A, Number
GTIN (EAN)	4050118577648	of poles: 6, Pitch in mm (P): 11.10, Insulated: Yes, Width: 62.6 mm
Qty.	10 pc(s).	

WTD 6/4 FF

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Accessories

QS



Screwable cross-connections are easy to mount and de mount. Thanks to the big contact surface, even high currents can be transmitted with maximum contact reliability.

General ordering data

Type	QS 2/12/4	Version
Order No.	0270760000	Cross-connector (terminal), Plugged, beige, 44 A, Number of poles: 2,
GTIN (EAN)	4008190011420	Pitch in mm (P): 12.00, Insulated: Yes, Width: 12 mm
Qty.	20 pc(s).	

Ring cable lugs



Insulated ring-cable connector made from PVC

- Commercially available designs
- Not soldered
- With conical entry funnel

General ordering data

Type	LIR 2,5M4 V	Version
Order No.	9200170000	cable lug, terminal end, Insulated cable connector, 2.5 mm ² , 1.5 mm ² -
GTIN (EAN)	4032248409792	2.5 mm ²
Qty.	100 pc(s).	
Type	LIR 1,5M4 V	Version
Order No.	9200090000	cable lug, terminal end, Insulated cable connector, 1.5 mm ² , 0.5 mm ² -
GTIN (EAN)	4032248409853	1.5 mm ²
Qty.	100 pc(s).	
Type	LIR 6M4 V	Version
Order No.	9200230000	cable lug, terminal end, Insulated cable connector, 6 mm ² , 4 mm ² - 6
GTIN (EAN)	4032248410057	mm ²
Qty.	100 pc(s).	

WTD 6/4 FF

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Accessories

Connection sleeves



General ordering data

Type	VH 13.5/4.9/3.3	Version
Order No.	0248500000	Connecting sleeve (terminal), when screwed in, Width: 4.9 mm,
GTIN (EAN)	4008190022723	Height: 4.9 mm, Depth: 13.5 mm, Number of poles: 1, Copper
Qty.	100 pc(s).	

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 12/9.5-11 MC NE WS	Version
Order No.	2484220000	, Polyamide 66, Colour: white
GTIN (EAN)	4050118494808	
Qty.	300 pc(s).	

WTD 6/4 FF

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Accessories

End plate



Current and voltage transformer wiring

Our test disconnect terminal blocks featuring spring and screw connection technology allow you to create all the important converter circuits for measuring current, voltage and power in a safe and sophisticated way.

General ordering data

Type	WAP WTL6/4FF	Version
Order No.	1887240000	End plate for terminals, dark beige, Height: 68.5 mm, Width: 1.5 mm,
GTIN (EAN)	4032248526819	V-O, Wemid, Snap-on: No
Qty.	20 pc(s).	