

W-Series
WTD 6/4 FF

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 1429-0
 Fax: +49 5231 14292083
 www.weidmueller.com


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	WTD 6/4 FF
Order No.	1887220000
Version	Feed-through terminal, Screw connection, 6 mm ² , 800 V, 41 A, without, Dark Beige
GTIN (EAN)	4032248526802
Qty.	50 pc(s).

W-Series
WTD 6/4 FF

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 1429-0
 Fax: +49 5231 14292083
 www.weidmueller.com

Technical data**Dimensions and weights**

Width	11 mm	Width (inches)	0.433 inch
Height	76.5 mm	Height (inches)	3.012 inch
Depth	52 mm	Depth (inches)	2.047 inch
Depth including DIN rail	53.4 mm	Net weight	36.2 g

Temperatures

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	Tightening torque (clamping screw for copper conductors)	1.2...2.4 Nm
End cover plate required	Yes	Number of potentials	1
Number of levels	1	No. of clamping points per level	2
Number of potentials per tier	1	Levels cross-connected internally	No
PE connection	No	Mounting rail	TS 35, TS 32
N-function	No	PE function	No
PEN function	No		

Additional technical data

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 (rated connection)

Blade size	0.8 x 5.5 mm	Clamping range, rated connection, max.	6 mm ²
Clamping range, rated connection, min.	1.5 mm ²	Clamping screw	M 4
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, finely stranded, max.	6 mm ²
Wire connection cross-section, finely stranded, min.	1.5 mm ²		

Dimensions

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

Data sheet

W-Series WTD 6/4 FF

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 1429-0
 Fax: +49 5231 14292083
 www.weidmueller.com

Technical data

Disconnect terminals

Cross-disconnect	without	Integral test socket	Yes
Slitting	without		

Rating data

Rated cross-section	6 mm ²	Rated voltage	800 V
Rated current	41 A	Current at maximum wires	41 A
Volume resistance according to IEC 60947-7-x	0.78 mΩ	Rated impulse withstand voltage	8 kV
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		

Classifications

ETIM 3.0	EC000902	ETIM 4.0	EC000902
ETIM 5.0	EC000902	ETIM 6.0	EC000902
UNSPSC	30-21-18-11	eClass 5.1	27-14-11-26
eClass 6.2	27-14-11-26	eClass 7.1	27-14-11-26
eClass 8.1	27-14-11-20	eClass 9.0	27-14-11-20
eClass 9.1	27-14-11-26		

Product information

Descriptive text technical data	500 V when used as test-disconnect terminal
---------------------------------	---

Approvals

Approvals



ROHS	Conform
------	---------

Downloads

Approval/Certificate/Document of Conformity	DE_PT1004_20160418_974_ISSUE01.pdf
Brochure/Catalogue	CAT 1 TERM 16/17 EN
Engineering Data	EPLAN.WSCAD

Safety note

Safety notice	Safety Information
---------------	------------------------------------

**W-Series
WTD 6/4 FF**

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 1429-0
 Fax: +49 5231 14292083
 www.weidmueller.com

Accessories
Ring cable lugs

Insulated ring-cable connector made from PVC

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

General ordering data

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

... for insulated connectors

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

**W-Series
WTD 6/4 FF**

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 1429-0
 Fax: +49 5231 14292083
 www.weidmueller.com

Accessories**Cross-connections****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	Order No.	Version	GTIN (EAN)	Qty.
QL 4 WTL6/4FF	1897030000	W-Series, Cross-connector, for cross-connection link, No. of poles: 4	4032248514007	100 pc(s).
QL 10 WTL 6/4 FF	1897090000	W-Series, Cross-connector, for cross-connection link, No. of poles: 10	4032248514069	100 pc(s).
Q 2 WTL6/4FF	1897110000	W-Series, Cross-connector, For the terminals, No. of poles: 2	4032248514083	100 pc(s).
Q 4 WTL 6/4FF	1897130000	W-Series, Cross-connector, For the terminals, No. of poles: 4	4032248514106	100 pc(s).
QL 2 WTL6/4FF	1897010000	W-Series, Cross-connector, for cross-connection link, No. of poles: 2	4032248513987	100 pc(s).
QL 3 WTL6/4FF	1897020000	W-Series, Cross-connector, for cross-connection link, No. of poles: 3	4032248513994	100 pc(s).
Q 10 WTL 6/4FF	1897190000	W-Series, Cross-connector, For the terminals, No. of poles: 10	4032248514168	100 pc(s).

W-Series WTD 6/4 FF

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 1429-0
 Fax: +49 5231 14292083
 www.weidmueller.com

Accessories

Connection sleeves



VH 12/4.9/3.3 024900

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

Type	Order No.	Version	GTIN (EAN)	Qty.
VH 13.5/4.9/3.3 SAK4	0248500000	SAK Series, Connecting sleeve, for cross-connection link, No. of poles: 1	4008190022723	100 pc(s).

QS



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

Type	Order No.	Version	GTIN (EAN)	Qty.
QS 2/12/4	0270760000	SAK Series, Cross-connector, for cross-connection link, No. of poles: 2	4008190011420	20 pc(s).

**W-Series
WTD 6/4 FF**

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 1429-0
 Fax: +49 5231 14292083
 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	Order No.	Version	GTIN (EAN)	Qty.
SDIS 0.6X3.5X100	9008390000	Screwdriver, Blade width (B): 3.5 mm, Blade length: 100 mm, Blade thickness (A): 0.6 mm	4032248056354	1 pc(s).

End plates

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	Order No.	Version	GTIN (EAN)	Qty.
WAP WTL6/4FF	1887240000	W-Series, End plate	4032248526819	20 pc(s).

End brackets

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

Type	Order No.	Version	GTIN (EAN)	Qty.
WEW 35/2	1061200000	W-Series, End bracket	4008190030230	100 pc(s).

**W-Series
WTD 6/4 FF**

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 1429-0
 Fax: +49 5231 14292083
 www.weidmueller.com

Accessories

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

General ordering data

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

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 laser printer, PrintJet ADVANCED, plotter or MC-Mobilo is possible.

- Can be fitted in strips or individually
- Markers in proven MultiCard format

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
WS 10/5 M	1792000000	WS, Terminal marker, 10 x	4032248223862	720 pc(s).
MC NE WS		5 mm, Pitch in mm (P): 5.00 Weidmueller, Allen-Bradley, White		

**W-Series
WTD 6/4 FF**

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 1429-0
 Fax: +49 5231 14292083
 www.weidmueller.com

Accessories

ZQV 10

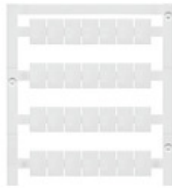


Spring connection with tension clamp Technology
 Tension clamp technology is a universal contact system for all common conductor connection types. Its fantastic level of flexibility makes the tension clamp a profitable alternative connection.

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
ZQV 10/2	1739680000	Accessories, Cross-connector, 57 A	400819095713125	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 laser printer, PrintJet ADVANCED, plotter or MC-Mobilo is possible.

- Can be fitted in strips or individually
- Markers in proven MultiCard format

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
WS 12/8 PLUS MC NE WS	1906000000	WS, Terminal marker, 12 x 8 mm, Pitch in mm (P): 8.00 Weidmueller, White	4032248528158420	pc(s).