

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

Weidmüller Interface GmbH & Co. KG
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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

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).

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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

Storage temperature, max.	55 °C	Storage temperature, min.	-25 °C
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, 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

Type of mounting	Snap-on
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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, max.	6 mm ²
Clamping range, 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
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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	Power loss in accordance with IEC 60947-7-x	1.31 W
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 6.0	EC000902	ETIM 7.0	EC000902
eClass 9.0	27-14-11-26	eClass 9.1	27-14-11-26
eClass 10.0	27-14-11-26	UNSPSC	30-21-18-11

Approvals

Approvals



ROHS Conform

Downloads

Approval/Certificate/Document of Conformity	CB Test Certificate CB Certificate EAC certificate DE_PT1004_20160418_974_ISSUE01.pdf Declaration of Conformity Terminals
Brochure/Catalogue	CAT 1 TERM 16/17 EN
Engineering Data	EPLAN_WSCAD
Engineering Data	STEP
User Documentation	StorageConditionsTerminalBlocks

Safety note
Safety notice [Safety Information](#)