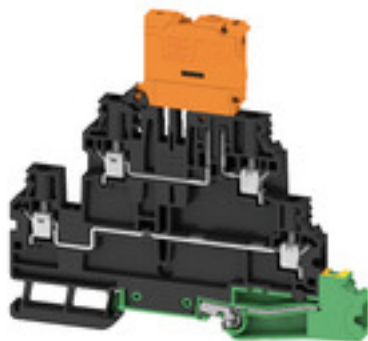


W2T 4 DTCA-FT-PE BK**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

In some applications it makes sense to add a test point or a disconnect element to the feed through terminal for testing and safety purposes. With test disconnect terminals you measure electric circuits in the absence of voltage. While the disconnecting points clearance and creepage distance is not assessed in dimensional terms, the specified rated impulse voltage strength must be proven.

General ordering data

Version	Test-disconnect terminal, 4 mm ² , 500 V, 28 A, Pivoting, Cross-disconnect: pluggable, Integral test socket: No, black
Order No.	3019360000
Type	W2T 4 DTCA-FT-PE BK

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Technical data

Dimensions and weights

Depth	72.5 mm	Depth (inches)	2.854 inch
Height	106.5 mm	Height (inches)	4.193 inch
Width	6.1 mm	Width (inches)	0.24 inch

Temperatures

Continuous operating temp., min.	-60 °C	Continuous operating temp., max.	130 °C
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Material data

Material	Wemid	Colour	black
Colour of operational elements	orange	UL 94 flammability rating	V-0

System specifications

End cover plate required	Yes	Number of levels	3
Number of clamping points per level	2	Number of potentials per tier	1
Levels cross-connected internally	No	N-function	No
PE function	Yes	PEN function	No

Additional technical data

Explosion-tested version	No	Open sides	left
Snap-on	Yes	Type of fixing	TS 35
Type of mounting	TS 35		

Conductors for clamping (rated connection)

Blade size	0.6 x 3.5 mm	Clamping range, max.	6 mm ²
Clamping range, min.	0.34 mm ²	Clamping screw	M 3
Connection cross-section, finely stranded, max.	6 mm ²	Connection cross-section, finely stranded, min.	0.5 mm ²
Connection cross-section, stranded, max.	6 mm ²	Connection cross-section, stranded, min.	0.5 mm ²
Connection direction	on side	Number of connections	5
Stripping length	8 mm	Tightening torque, max.	0.8 Nm
Tightening torque, min.	0.5 Nm	Twin wire-end ferrules, max.	1.5 mm ²
Twin wire-end ferrules, min.	0.5 mm ²	Type of connection 2	Screw connection
Wire connection cross section AWG, max.	AWG 10	Wire connection cross section AWG, min.	AWG 24
Wire connection cross section, finely stranded, max.	6 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.	4 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.	4 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	4 mm ²
Wire connection cross-section, solid core, max.	6 mm ²	Wire connection cross-section, solid core, min.	0.5 mm ²

Disconnect terminals

Cross-disconnect	pluggable	Integral test socket	No
Slitting	Pivoting		

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Technical data

General

Wire connection cross section AWG, max.	AWG 10	Wire connection cross section AWG, min.	AWG 24
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PE rating data

PEN function	No
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Rating data

Rated cross-section	4 mm ²	Rated voltage	500 V
Rated current	28 A	Current at maximum wires	28 A
Volume resistance according to IEC 60947-7-x	3 mΩ	Rated impulse withstand voltage	6 kV
Pollution severity	3	Surge voltage category	III

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

Downloads

Engineering Data	CAD data – STEP
Catalogues	Catalogues in PDF-format