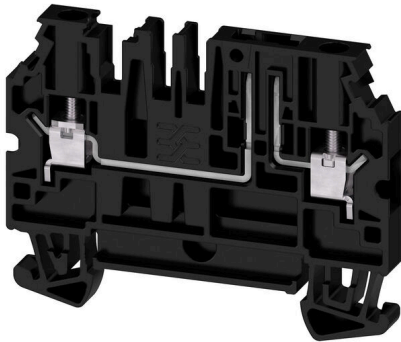


W2C 4 DT W/O DTLV BK**Weidmüller Interface GmbH & Co. KG**Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com



Automation in the process industry requires flexible solutions for complex production processes. Your circuit diagrams are no less complex and often undergo changes shortly before the end. With our new range of DCS marshalling terminal blocks you can solve these challenges. Even a „last minute change“ is feasible for you without having to change the wiring you have already done. Thanks to the single and double-level arrangement of the terminal blocks, combined with the provision of the four basic functions (continuity, disconnect, fuse, ground), you achieve maximum flexibility when connecting your devices wired in the field. We also offer you an alternative to connecting the shield to PE for your potential-free shielding concepts.

General ordering data

Version	Test-disconnect terminal, Screw connection, black, 4 mm ² , 28 A, 500 V, Number of connections: 2, Number of levels: 1
Order No.	289280000
Type	W2C 4 DT W/O DTLV BK
GTIN (EAN)	4064675884453
Qty.	50 items

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Technical data

Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (cURus) E60693

Dimensions and weights

Depth	48 mm	Depth (inches)	1.8898 inch
Height	60 mm	Height (inches)	2.3622 inch
Width	6.1 mm	Width (inches)	0.2402 inch
Net weight	12.42 g		

Temperatures

Ambient temperature	-60 °C...85 °C	Continuous operating temp., min.	-60 °C
Continuous operating temp., max.	130 °C		

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

Material data

Basic material	Wemid	Colour	black
UL 94 flammability rating	V-0		

System specifications

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
Mounting rail	TS 35	N-function	No
PE function	No	PEN function	No

Additional technical data

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

CSA rating data

Wire cross section max. (CSA)	12 AWG	Voltage size C (CSA)	300 V
Current size C (CSA)	20 A	Certificate No. (CSA)	227442-80219640
Voltage size B (CSA)	300 V	Current size B (CSA)	20 A
Voltage size D (CSA)	600 V	Current size D (CSA)	5 A
Wire cross section min. (CSA)	24 AWG		

Conductors for clamping (additional connection)

Connection type, additional connection Screw connection

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Conductors for clamping (rated connection)

Gauge to IEC 60947-1	A3	Wire connection cross section AWG, max.	AWG 10
Connection direction	on side	Tightening torque, max.	0.8 Nm
Tightening torque, min.	0.5 Nm	Stripping length	8 mm
Type of connection 2	Screw connection	Type of connection	Screw connection
Number of connections	2	Clamping range, max.	6 mm ²
Clamping range, min.	0.25 mm ²	Clamping screw	M 3
Blade size	0.6 x 3.5 mm	Wire connection cross section AWG, min.	AWG 24
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.	0.25 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.	0.25 mm ²
Wire connection cross section, finely stranded, max.	6 mm ²	Wire connection cross section, finely stranded, min.	0.25 mm ²
Connection cross-section, stranded, max.	6 mm ²	Connection cross-section, stranded, min.	0.25 mm ²
Twin wire-end ferrules, max.	1.5 mm ²	Twin wire-end ferrules, min.	0.5 mm ²
Wire connection cross-section, solid core, max.	6 mm ²	Wire connection cross-section, solid core, min.	0.25 mm ²
Connection cross-section, finely stranded, min.	0.25 mm ²		

General

Wire connection cross section AWG, max.	AWG 10	Wire connection cross section AWG, min.	AWG 24
Standards	IEC 60947-7-1	Mounting rail	TS 35

Rating data

Rated cross-section	4 mm ²	Rated voltage	500 V
Rated DC voltage	500 V	Nominal current	28 A
Current at maximum wires	28 A	Standards	IEC 60947-7-1
Volume resistance according to IEC 60947-7-x	1 mΩ	Rated impulse withstand voltage	6 kV
Surge voltage category	III	Pollution severity	3

UL rating data

Conductor size Factory wiring max. (cURus)	12 AWG	Certificate No. (cURus)	E60693
Conductor size Field wiring min. (cURus)	24 AWG	Conductor size Factory wiring min. (cURus)	24 AWG
Conductor size Field wiring max. (cURus)	12 AWG		

Classifications

ETIM 8.0	EC000902	ETIM 9.0	EC000902
ETIM 10.0	EC000902	ECLASS 14.0	27-25-01-09
ECLASS 15.0	27-25-01-09		

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Drawings

