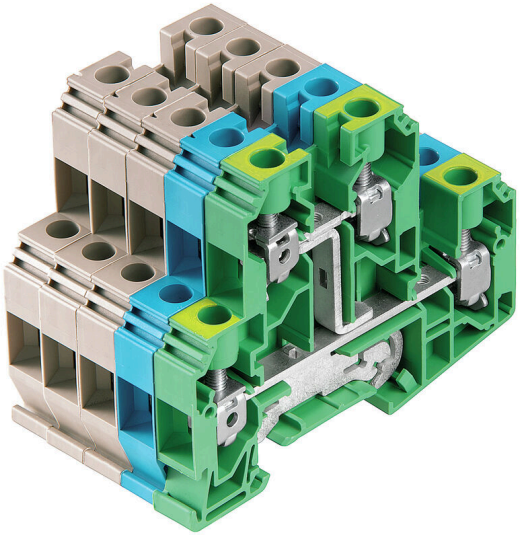
Data sheet

WDK 10 SET LS

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

www.weidmueller.com

Product image



To feed through power, signal, and data is the classical requirement in electrical engineering and panel building. The insulating material, the connection system and the design of the terminal blocks are the differentiating features. A feed-through terminal block is suitable for joining and/or connecting one or more conductors. They could have one or more connection levels that are on the same potential or insulated against one another.

General ordering data

Version	Multi-tier modular terminal, Screw connection, dark beige, 10 mm², 800 V, Number of connections: 20, Number of levels: 2, TS 35, V-0
Order No.	1415530000
Type	WDK 10 SET LS
GTIN (EAN)	4050118216547
Qty.	1 items

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Data sheet

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Technical data

Approvals

Approvals	
ROHS	Conform
UL File Number Search	UL Website
Certificate No. (UR)	E60693

Dimensions and weights

Depth	69 mm	Depth (inches)	2.7165 inch
Height	85 mm	Height (inches)	3.3464 inch
Width	49.5 mm	Width (inches)	1.9488 inch
Net weight	227.14 g		

Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-50 °C...75 °C
Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	120 °C

Environmental Product Compliance

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

Material data

Basic material	Wemid	Colour	dark beige
UL 94 flammability rating	V-0		

System specifications

Version	Screw connection, Double terminal	End cover plate required	Yes
Number of potentials	5	Number of levels	2
Number of clamping points per level	2	Number of potentials per tier	1
Levels cross-connected internally	No	PE connection	No
Mounting rail	TS 35	N-function	No
PE function	No	PEN function	No

Additional technical data

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

CSA rating data

Wire cross section max. (CSA)	6 AWG	Voltage size C (CSA)	600 V
Current size C (CSA)	64 A	Certificate No. (CSA)	200039-1057876
Voltage size B (CSA)	600 V	Current size B (CSA)	64 A
Voltage size D (CSA)	600 V	Current size D (CSA)	5 A
Wire cross section min. (CSA)	18 AWG		

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Technical data

Conductors for clamping (additional connection)

Connection type, additional connection	Screw connection

Conductors for clamping (rated connection)

Gauge to IEC 60947-1	B6	Wire connection cross section AWG, max.	AWG 6
Connection direction	on side	Tightening torque, max.	1.9 Nm
Tightening torque, min.	1.2 Nm	Stripping length	12 mm
Type of connection 2	Screw connection	Type of connection	Screw connection
Number of connections	20	Clamping range, max.	16 mm²
Clamping range, min.	1.5 mm²	Clamping screw	M 4
Blade size	1.0 x 5.5 mm	Wire connection cross section AWG, min.	AWG 16
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	16 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	1.5 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	16 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	1.5 mm²
Wire connection cross section, finely stranded, max.	16 mm²	Wire connection cross section, finely stranded, min.	1.5 mm²
Connection cross-section, stranded, max.	16 mm²	Connection cross-section, stranded, min.	1.5 mm²
Twin wire-end ferrules, max.	6 mm²	Twin wire-end ferrules, min.	1.5 mm²
Wire connection cross-section, solid core, max.	16 mm²	Wire connection cross-section, solid core, min.	1.5 mm²
Connection cross-section, finely stranded, min.	1.5 mm²		

General

Wire connection cross section AWG, max.	AWG 6	Wire connection cross section AWG, min.	AWG 16
Standards	IEC 60947-7-1 (-7-2)	Mounting rail	TS 35

Rating data

Rated cross-section	10 mm²	Rated voltage	800 V
Rated DC voltage	800 V	Nominal current	57 A
Current at maximum wires	70 A	Standards	IEC 60947-7-1 (-7-2)
Volume resistance according to IEC 60947-7-x	0.56 mΩ	Rated impulse withstand voltage	8 kV
Power loss in accordance with IEC 60947-7-x	1.82 W	Surge voltage category	III
Pollution severity	3		

UL rating data

Voltage size B (UR)	600 V	Current size B (UR)	64 A
Conductor size Factory wiring max. (UR)	6 AWG	Current size D (UR)	5 A
Current size C (UR)	64 A	Voltage size C (UR)	600 V
Conductor size Factory wiring min. (UR)	18 AWG	Certificate No. (UR)	E60693
Conductor size Field wiring min. (UR)	18 AWG	Voltage size D (UR)	600 V
Conductor size Field wiring max. (UR)	6 AWG		

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Technical data

Classifications

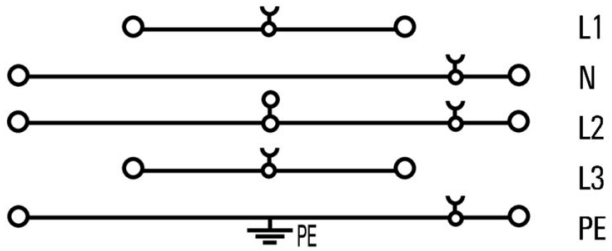
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ECLASS 15.0	27-25-01-02		

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Drawings



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