

**Multipin terminal strip
KS 6 O.D6**

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Multi-pole terminal strips have been part of the Weidmüller portfolio for many years. The terminal rails can be screwed directly to the housing. A retightening of the clamping screw when setting the wire is not needed with these terminals. The terminal strips are available in the materials KRG and PA and with different connection systems.

General ordering data

Order No.	0140620000
Type	KS 6 O.D6
Version	Multipin terminal strip, Single- and multi-pole terminal strip, Rated cross-section: 2.5 mm ² , Screw connection, Direct mounting
EAN	4008190071769
Qty.	50 pc(s).

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Technical data

Dimensions

Length	90 mm	Width	25 mm
Height	17.5 mm	Height of lowest version	20 mm
Weight	48.96 g		

Temperatures

Operating temperature	Storage temperature
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Additional technical data

Explosion-tested version	No	Installation advice	Direct mounting
Type of mounting	Direct mounting	Version	For the mounting rails

CSA ratings data

Certificate No. (CSA)	12400-193	Voltage size B (CSA)	300 V
Voltage size C (CSA)	300 V	Voltage size D (CSA)	300 V
Current size B (CSA)	25 A	Current size C (CSA)	25 A
Current size D (CSA)	10 A	Wire cross section max. (CSA)	12 AWG
Wire cross section min. (CSA)	24 AWG		

Clampable wires (rated connection)

Type of connection	Screw connection	Stripping length	8 mm
Blade size	4.0 x 0.8 mm	Connection direction	on side
Number of connections	12	Clamping range, rated connection, min.	0.2 mm ²
Clamping range, rated connection, max.	4 mm ²	Clamping screw	M 3
Tightening torque, min.	0.5 Nm	Tightening torque, max.	0.7 Nm
Torque level with DMS electric screwdriver	2	Gauge to IEC 60947-1	A2
Wire connection cross section, solid core, max. rated connection	0.5 mm ²	Wire connection cross section, solid core max. rated connection	4 mm ²
Wire connection cross section, stranded, rated connection, min.	1.5 mm ²	Wire connection cross section, stranded, rated connection, max.	2.5 mm ²
Wire connection cross section, finely stranded, max.	2.5 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, rated connection, min.	0.5 mm ²	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	1.5 mm ²
Cross-section for connected conductor, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, min.	0.5 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, max.	1.5 mm ²
Wire connection cross section AWG, min.	AWG 24	Wire connection cross section AWG, max.	AWG 12

Rated data

Rated cross-section	2.5 mm ²	Rated voltage	500 V
Rated impulse withstand voltage	6 kV	Rated current	24 A
Current at maximum wires	24 A	Standards	IEC 60947-7-1
Pollution severity	3		

UL ratings data

Certificate No. (UR)	E60693VOL1SEC6	Voltage size C (UR)	300 V
Current size C (UR)	20 A	Conductor size Factory wiring max. (UR)	12 AWG
Conductor size Factory wiring min. (UR)	24 AWG	Conductor size Field wiring max. (UR)	12 AWG

Creation date October 4, 2011 7:11:17 AM CEST

Datasheet

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Material data

Material	KrG	Colour	Medium yellow
Flammability class UL 94	5VA		

System specifications

Product family	Multipin terminal strip	Type of connection	Screw connection
Connection direction	on side	Number of connections	12
End cover plate required	No		

Classifications

ETIM 2.0	EC001284	ETIM 3.0	EC001284
ETIM 4.0	EC001284	UNSPSC	30-21-18-11
eClass 4.1	27-14-11-06	eClass 5.1	27-14-11-06
eClass 6.0	27-14-11-06		

Approvals

Approvals	CE; CSA; UR
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