

KS 6 O.D6**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	Single- and multi-pole terminal strip, Screw connection, medium yellow, 2.5 mm ² , 24 A, 500 V, Number of connections: 12
Order No.	0140620000
Type	KS 6 O.D6
GTIN (EAN)	4008190071769
Qty.	50 items
Delivery status	Discontinued
Available until	2020-12-31T00:00:00+01:00
Alternative product	BK 6 CRN

KS 6 O.D6

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Technical data

Approvals

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ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (UR) E60693

Dimensions and weights

Depth	17.5 mm	Depth (inches)	0.689 inch
Height	90 mm	Height (inches)	3.5433 inch
Width	25 mm	Width (inches)	0.9842 inch
Net weight	49.06 g		

Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-5 °C...40 °C
Continuous operating temp., min.	-60 °C	Continuous operating temp., max.	130 °C

Environmental Product Compliance

RoHS Compliance Status	Compliant
REACH SVHC	Lead 7439-92-1

Material data

Basic material	KrG	Colour	medium yellow
UL 94 flammability rating	5VA		

System specifications

Version	For the mounting rails	End cover plate required	No
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Additional technical data

Installation advice	Direct mounting	Explosion-tested version	No
Type of mounting	Direct mounting		

CSA rating data

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

Conductors for clamping (rated connection)

Gauge to IEC 60947-1	A2	Wire connection cross section AWG, max.	AWG 12
Connection direction	on side	Tightening torque, max.	0.7 Nm
Tightening torque, min.	0.5 Nm	Stripping length	8 mm
Type of connection	Screw connection	Number of connections	12

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Clamping range, max.	4 mm ²	Clamping range, min.	0.2 mm ²
Clamping screw	M 3	Blade size	4.0 x 0.8 mm
Wire connection cross section AWG, min.	AWG 24	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	1.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	1.5 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, max.	2.5 mm ²
Wire connection cross section, finely stranded, min.	0.5 mm ²	Connection cross-section, stranded, max.	2.5 mm ²
Connection cross-section, stranded, min.	1.5 mm ²	Torque level with DMS electric screwdriver	2
Wire connection cross-section, solid core, max.	4 mm ²	Wire connection cross-section, solid core, min.	0.5 mm ²

General

Number of poles	6	Wire connection cross section AWG, max.	AWG 12
Installation advice	Direct mounting	Wire connection cross section AWG, min.	AWG 24
Standards	IEC 60947-7-1		

Rating data

Rated cross-section	2.5 mm ²	Rated voltage	500 V
Rated DC voltage	500 V	Nominal current	24 A
Current at maximum wires	24 A	Standards	IEC 60947-7-1
Volume resistance according to IEC 60947-7-x	1.33 mΩ	Rated impulse withstand voltage	6 kV
Power loss in accordance with IEC 60947-7-x	0.77 W	Pollution severity	3

UL rating data

Conductor size Factory wiring max. (UR)	12 AWG	Current size C (UR)	20 A
Voltage size C (UR)	300 V	Conductor size Factory wiring min. (UR)	24 AWG
Certificate No. (UR)	E60693	Conductor size Field wiring min. (UR)	22 AWG
Conductor size Field wiring max. (UR)	12 AWG		

Classifications

ETIM 8.0	EC001284	ETIM 9.0	EC001284
ETIM 10.0	EC001284	ECLASS 14.0	27-14-11-06
ECLASS 15.0	27-14-11-06		