

MK 5/2 O.DE
Weidmüller Interface GmbH & Co. KG

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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: 4, Number of levels: 1
Order No.	0243820000
Type	MK 5/2 O.DE
GTIN (EAN)	4008 190035365
Qty.	100 items

Technical data

Approvals

Approvals



ROHS Conform

Dimensions and weights

Depth	18 mm	Depth (inches)	0.7087 inch
Height	14.2 mm	Height (inches)	0.5591 inch
Width	40 mm	Width (inches)	1.5748 inch
Net weight	10 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 with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	e1c310ef-6b67-4efa-80a6-d307472f4de9

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
Number of potentials	1	Number of levels	1
Mounting rail	Mounting plate		

Additional technical data

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

CSA rating data

Wire cross section max. (CSA)	14 AWG	Voltage size C (CSA)	300 V
Current size C (CSA)	25 A	Certificate No. (CSA)	12400-161-162-163
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)	20 AWG		

Conductors for clamping (additional connection)

Connection type, additional connection Screw connection

Technical data

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, min.	0.4 Nm
Stripping length	5 mm	Type of connection 2	Screw connection
Type of connection	Screw connection	Number of connections	4
Clamping range, max.	4 mm ²	Clamping range, min.	0.2 mm ²
Clamping screw	M 2.5	Blade size	0.6 x 3.5 mm
Wire connection cross section AWG, min.	AWG 22	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.	0.2 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.	0.2 mm ²	Wire connection cross section, finely stranded, max.	2.5 mm ²
Wire connection cross section, finely stranded, min.	0.2 mm ²	Connection cross-section, stranded, max.	2.5 mm ²
Connection cross-section, stranded, min.	0.2 mm ²	Torque level with DMS electric screwdriver	1
Wire connection cross-section, solid core, max.	4 mm ²	Wire connection cross-section, solid core, min.	0.2 mm ²

Dimensions

Fixing dimension	32 mm
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General

Number of poles	2	Wire connection cross section AWG, max.	AWG 12
Installation advice	Direct mounting	Wire connection cross section AWG, min.	AWG 22
Standards	IEC 60947-7-1	Mounting rail	Mounting plate

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

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		

Accessories

Protection against contact



Our systems for touch protection ensure greater safety in your cabinet. They provide protection against electric shock caused by accidental contact with live parts due to operation or faults.

General ordering data

Type	D 2 MK5/2 PA/NA	Version	
Order No.	0244060000	Terminal cover, white, PA 66, Height: 4000 mm, Width: 18 mm,	
GTIN (EAN)	4008190071844	Depth: 7.7 mm, V-2	
Qty.	50 ST		