

# PCB terminal block - DMKDS 2,5 - 1740000

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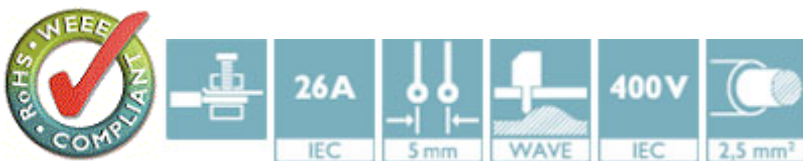


PCB terminal block, Nominal current: 26 A, Nom. voltage: 400 V, Pitch: 5 mm, Number of positions: 1, Connection method: Screw connection with tension sleeve, Mounting: Wave soldering, Color: green

The illustration shows a 15-position version

## Why buy this product

- Well-known connection principle allows worldwide use
- Low temperature rise, thanks to maximum contact force
- The latching on the side enables various numbers of positions to be combined



## Key Commercial Data

Packing unit	50 STK
Minimum order quantity	50 STK
GTIN	 4 017918 028169
GTIN	4017918028169
Weight per Piece (excluding packing)	2.800 g
Custom tariff number	85369010
Country of origin	Poland

## Technical data

### Environmental Product Compliance

China RoHS	Hazardous substances above threshold values;
	Environmentally Friendly Use Period = 50;
	For details go to tab "Downloads", Category "Manufacturer's declaration"

### Dimensions

Length	28 mm
Pitch	5.00 mm
Constructional height	20 mm

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## Technical data

### Dimensions

Length of the solder pin	3.4 mm
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### General

Range of articles	DMKDS 2,5
Insulating material group	I
Rated surge voltage (III/3)	4 kV
Rated surge voltage (III/2)	4 kV
Rated surge voltage (II/2)	4 kV
Rated voltage (III/3)	320 V
Rated voltage (III/2)	400 V
Rated voltage (II/2)	630 V
Connection in acc. with standard	EN-VDE
Nominal current $I_N$	26 A
Nominal cross section	2.5 mm <sup>2</sup>
Maximum load current	30 A
Insulating material	PA
Solder pin surface	Sn
Flammability rating according to UL 94	V2
Internal cylindrical gage	A3
Stripping length	7 mm
Number of positions	1
Screw thread	M3
Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm

### Connection data

Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	4 mm <sup>2</sup>
Conductor cross section flexible min.	0.2 mm <sup>2</sup>
Conductor cross section flexible max.	2.5 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve max.	2.5 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve max.	2.5 mm <sup>2</sup>
Conductor cross section AWG min.	24
Conductor cross section AWG max.	12

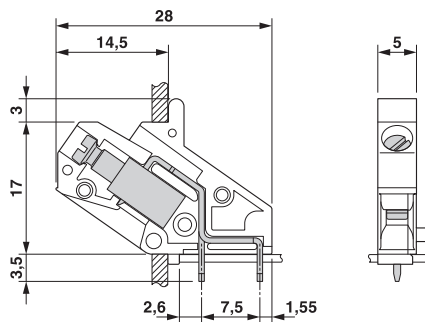
### Standards and Regulations

Connection in acc. with standard	EN-VDE
	CSA
Flammability rating according to UL 94	V2

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## Drawings

Dimensional drawing



Drilling diagram

Cutout dimension  
N  
= No. of positions

Drilling diagram

## Classifications

eCl@ss

eCl@ss 4.0	27141109
eCl@ss 4.1	27141109
eCl@ss 5.0	27141190
eCl@ss 5.1	27141190
eCl@ss 6.0	27261101
eCl@ss 7.0	27440401
eCl@ss 8.0	27141134
eCl@ss 9.0	27141134

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002643
ETIM 5.0	EC001283

UNSPSC

UNSPSC 6.01	30211801
UNSPSC 7.0901	39121432
UNSPSC 11	39121432
UNSPSC 12.01	39121432
UNSPSC 13.2	39121432

## Approvals

Approvals

# PCB terminal block - DMKDS 2,5 - 1740000

## Approvals

Approvals

CSA / EAC / EAC / cULus Recognized

Ex Approvals

## Approval details

CSA <a href="http://www.csagroup.org/us/en/services/testing-and-certification/certified-product-listing_13631">http://www.csagroup.org/us/en/services/testing-and-certification/certified-product-listing_13631</a>	
mm <sup>2</sup> /AWG/kcmil	28-14
Nominal current I <sub>N</sub>	10 A
Nominal voltage U <sub>N</sub>	300 V

EAC EAC-Zulassung
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EAC B.01742
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cULus Recognized <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> E60425-19770427		
	B	D
mm <sup>2</sup> /AWG/kcmil	30-14	30-14
Nominal current I <sub>N</sub>	10 A	10 A
Nominal voltage U <sub>N</sub>	300 V	300 V

## Accessories

### Accessories

#### Labeled terminal marker

Marker card - SK 5/3,8:FORTL.ZAHLEN - 0804183



Marker card, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - (99)100, Mounting type: Adhesive, for terminal block width: 5 mm, Lettering field: 5 x 3.8 mm

#### Pitch spacer

Pitch spacer - RZ 2,5-DMKDS - 1740042

Pitch spacer, increases the pitch by 2.5 mm, interlocks with terminal block of the same shape

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### Accessories

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#### Screwdriver tools

Screwdriver - SZS 0,6X3,5 - 1205053



Actuation tool, for ST terminal blocks, insulated, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip

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#### Test plug terminal block

Reducing plug - RPS - 0201647



Reducing plug, Color: gray

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Test plugs - MPS-MT - 0201744



Test plugs, Color: silver

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