

## 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 article can be aligned to create different nos. of positions!

### Why buy this product

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



### Key Commercial Data

Packing unit	50 pc
Minimum order quantity	50 pc
GTIN	 4 017918 028169
Weight per Piece (excluding packing)	2.8 g
Custom tariff number	85369010
Country of origin	Poland

### Technical data

#### Dimensions

Length	28 mm
Pitch	5.00 mm
Constructional height	20 mm
Length of the solder pin	3.4 mm

#### 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

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## Technical data

### General

Rated voltage (III/2)	400 V
Rated voltage (II/2)	630 V
Connection in acc. with standard	EN-VDE
Nominal current I <sub>N</sub>	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

### 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

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## Classifications

### eCl@ss

eCl@ss 8.0	27141134
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### 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


#### Approvals


CSA / UL Recognized / cUL Recognized / EAC / cULus Recognized

#### Ex Approvals

#### Approvals submitted

### Approval details


CSA 	
mm <sup>2</sup> /AWG/kcmil	28-14
Nominal current I <sub>N</sub>	10 A
Nominal voltage U <sub>N</sub>	300 V

UL Recognized 		
	B	D
mm <sup>2</sup> /AWG/kcmil	30-14	30-14

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### Approvals

	B	D
Nominal current IN	10 A	10 A
Nominal voltage UN	300 V	300 V

cUL Recognized 		
	B	D
mm <sup>2</sup> /AWG/kcmil	30-14	30-14
Nominal current IN	10 A	10 A
Nominal voltage UN	300 V	300 V

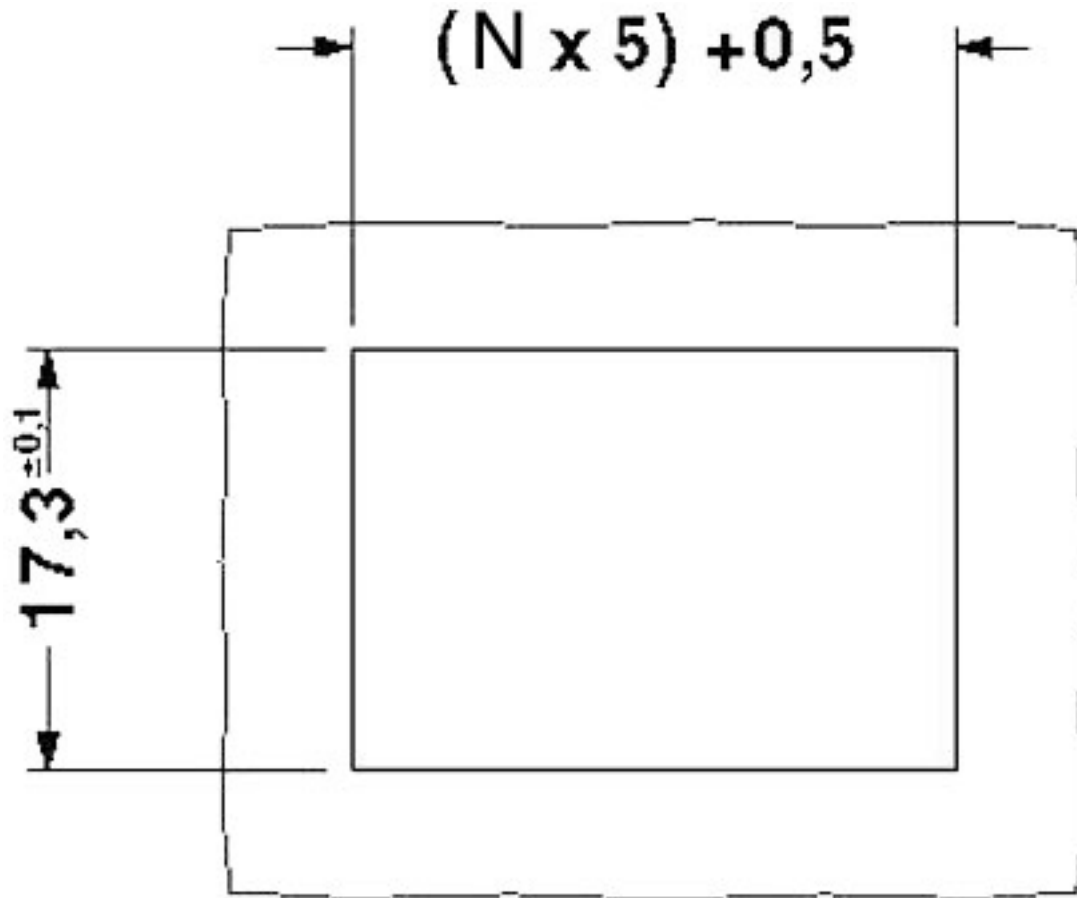
EAC
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cULus Recognized 
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### Drawings

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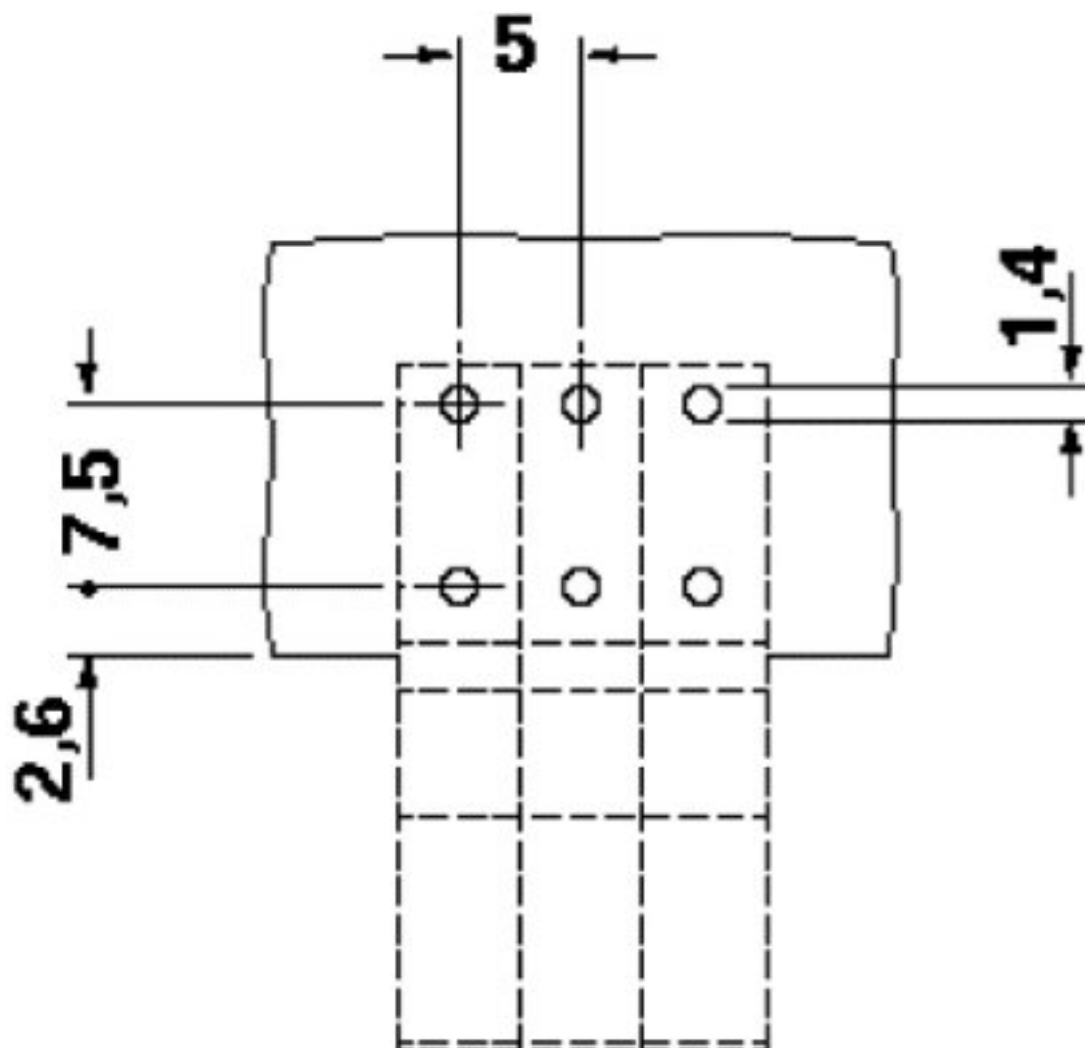
Drilling diagram



Cutout dimensions  
N = No. of positions

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Drilling diagram



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Dimensional drawing

