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PCB terminal block, Nominal current: 20 A, Nom. voltage: 400 V, Pitch: 5.08 mm, Number of positions: 2, Connection method: Screw connection with tension sleeve, Mounting: Wave soldering, Conductor/PCB connection direction: $50\,^{\circ}$, Color: black











Key Commercial Data

Packing unit	1 pc
Minimum order quantity	50 pc
Weight per Piece (excluding packing)	4.6 g
Custom tariff number	85369010
Country of origin	Poland

Technical data

Dimensions

Length	14.25 mm
Pitch	5.08 mm
Dimension a	5.08 mm
Constructional height	20 mm
Length of the solder pin	3.5 mm
Pin dimensions	1 x 0,9 mm
Hole diameter	1.4 mm

General

Range of articles	SMKDS 2,5
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)	250 V
Rated voltage (III/2)	400 V
Rated voltage (II/2)	630 V
Connection in acc. with standard	EN-VDE
Nominal current I _N	20 A



Technical data

General

Nominal cross section	2.5 mm²
Solder pin surface	Sn
Internal cylindrical gage	A3
Stripping length	11 mm
Number of positions	2
Screw thread	M3
Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm

Connection data

Conductor cross section AWG min.	26
Conductor cross section AWG max.	14
2 conductors with same cross section, solid min.	0.14 mm²
2 conductors with same cross section, solid max.	0.75 mm²
2 conductors with same cross section, stranded min.	0.14 mm²
2 conductors with same cross section, stranded max.	0.75 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	0.75 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1.5 mm²

Standards and Regulations

Connection in acc. with standard	EN-VDE
	CSA

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	27440401
eCl@ss 9.0	27440401



Classifications

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002643
ETIM 5.0	EC002643

UNSPSC

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

Approvals

Approvals

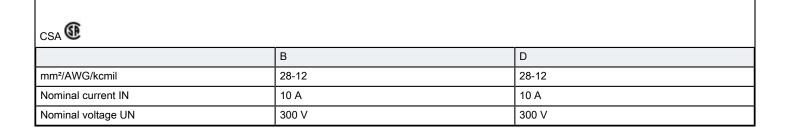
Approvals

CSA / UL Recognized / SEV / cUL Recognized / CCA / IECEE CB Scheme / SEV / EAC / EAC / cULus Recognized

Ex Approvals

Approvals submitted

Approval details





Approvals

UL Recognized \$1			
	В	D	
mm²/AWG/kcmil	30-12	30-12	
Nominal current IN	10 A	10 A	
Nominal voltage UN	250 V	300 V	

mm²/AWG/kcmil	2.5	
Nominal current IN	24 A	
Nominal voltage UN	250 V	
cUL Recognized • 1		

cUL Recognized			
	В	D	
mm²/AWG/kcmil	30-12	30-12	
Nominal current IN	10 A	10 A	
Nominal voltage UN	250 V	300 V	

CCA		

IECEE CB Scheme CB

SEV		
mm²/AWG/kcmil	2.5	
Nominal voltage UN	250 V	

LAC		

LEAC			
LAC			



Approvals



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