

PCB terminal block - PT 2,5/ 3-7,5-H BK - 1701160

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PCB terminal block, Nominal current: 32 A, Nom. voltage: 800 V, Pitch: 7.5 mm, Number of positions: 3, Connection method: Screw connection with wire protector, Mounting: Wave soldering, Conductor/PCB connection direction: 0 °, Color: black



Key Commercial Data

Packing unit	1 STK
Minimum order quantity	50 STK
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	9 mm
Pitch	7.50 mm
Dimension a	15 mm
Constructional height	17.5 mm
Height	13.5 mm
Length of the solder pin	4.1 mm
Pin dimensions	1,0 mm
Pin spacing	7.5 mm
Hole diameter	1.3 mm

General

Range of articles	PT 2,5/..-H
Insulating material group	I
Rated surge voltage (III/3)	6 kV

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Technical data

General

Rated surge voltage (III/2)	6 kV
Rated surge voltage (II/2)	6 kV
Rated voltage (III/3)	500 V
Rated voltage (III/2)	800 V
Rated voltage (II/2)	1000 V
Connection in acc. with standard	EN-VDE
Nominal current I _N	32 A
Nominal cross section	2.5 mm ²
Maximum load current	32 A
Insulating material	PA
Solder pin surface	Sn
Flammability rating according to UL 94	V0
Internal cylindrical gage	A3
Stripping length	6.5 mm
Number of positions	3
Screw thread	M3
Tightening torque, min	0.45 Nm
Tightening torque max	0.5 Nm

Connection data

Conductor cross section AWG min.	20
Conductor cross section AWG max.	10
2 conductors with same cross section, solid min.	0.5 mm ²
2 conductors with same cross section, solid max.	1.5 mm ²
2 conductors with same cross section, stranded min.	0.5 mm ²
2 conductors with same cross section, stranded max.	1.5 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.5 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 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1.5 mm ²

Standards and Regulations

Connection in acc. with standard	EN-VDE
Flammability rating according to UL 94	V0

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Classifications

eCl@ss

eCl@ss 4.0	27141111
eCl@ss 4.1	27141109
eCl@ss 5.0	27141190
eCl@ss 5.1	27141190
eCl@ss 6.0	27141190
eCl@ss 7.0	27141190
eCl@ss 8.0	27440401
eCl@ss 9.0	27440401

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002643
ETIM 5.0	EC002643

UNSPSC

UNSPSC 6.01	30211801
UNSPSC 7.0901	39121432
UNSPSC 11	34131203
UNSPSC 12.01	39121432
UNSPSC 13.2	39121432

Approvals


Approvals

Approvals

VDE Gutachten mit Fertigungsüberwachung / CCA / IECCE CB Scheme / EAC

Ex Approvals

Approval details


VDE Gutachten mit Fertigungsüberwachung  http://www.vde.de 40029839	
mm ² /AWG/kcmil	0.5-4

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Approvals

Nominal current IN	32 A
Nominal voltage UN	750 V

CCA DE1 34001	
mm ² /AWG/kcmil	0.5-4
Nominal current IN	32 A
Nominal voltage UN	750 V

IECEE CB Scheme  http://www.iecee.org/ DE1-43131	
mm ² /AWG/kcmil	0.5-4
Nominal current IN	32 A
Nominal voltage UN	750 V

EAC B.01742	
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