

## 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

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

### 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 <sub>N</sub>	32 A
Nominal cross section	2.5 mm <sup>2</sup>
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 <sup>2</sup>
2 conductors with same cross section, solid max.	1.5 mm <sup>2</sup>
2 conductors with same cross section, stranded min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded max.	1.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	0.75 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1.5 mm <sup>2</sup>

#### 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

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#### Approvals


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

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#### Ex Approvals

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### Approval details


VDE Gutachten mit Fertigungsüberwachung  <a href="http://www.vde.de">http://www.vde.de</a> 40029839	
mm <sup>2</sup> /AWG/kcmil	0.5-4

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

### Approvals

Nominal current IN	32 A
Nominal voltage UN	750 V

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

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

EAC B.01742	
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