

## PCB terminal block - FRONT 4-H-7,62-3 - 1986097

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PCB terminal block, Nominal current: 32 A, Nom. voltage: 630 V, Pitch: 7.62 mm, Number of positions: 3, Connection method: Screw connection, Mounting: Soldering, Conductor/PCB connection direction: 0 °, Color: green, The article can be aligned to create different nos. of positions!

The illustration shows a combination as a 5-position version, with horizontal and vertical connection direction

### Key commercial data

Packing unit	1 pc
Minimum order quantity	10 pc
Custom tariff number	85369010
Country of origin	Bulgaria

### Technical data

#### Dimensions

Length	26 mm
Height	33.4 mm
Pitch	7.62 mm
Dimension a	15.24 mm
Pin dimensions	1 x 0,8 mm
Hole diameter	1.3 mm

#### General

Range of articles	FRONT 4-H
Insulating material group	I
Rated surge voltage (III/3)	6 kV
Rated surge voltage (III/2)	6 kV
Rated surge voltage (II/2)	6 kV
Rated voltage (III/3)	500 V
Rated voltage (III/2)	630 V
Rated voltage (II/2)	1000 V

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## Technical data

### General

Connection in acc. with standard	EN-VDE
Nominal current $I_N$	32 A
Nominal cross section	4 mm <sup>2</sup>
Maximum load current	41 A (with 6 mm <sup>2</sup> conductor cross section)
Insulating material	PA
Solder pin surface	Sn
Inflammability class according to UL 94	V0
Stripping length	14 mm
Number of positions	3
Screw thread	M3
Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm

### Connection data

Conductor cross section solid min.	0.5 mm <sup>2</sup>
Conductor cross section solid max.	6 mm <sup>2</sup>
Conductor cross section stranded min.	0.5 mm <sup>2</sup>
Conductor cross section stranded max.	6 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	4 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve max.	2.5 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	20
Conductor cross section AWG/kcmil 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.	0.25 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1 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 mm <sup>2</sup>
Minimum AWG according to UL/CUL	24
Maximum AWG according to UL/CUL	10

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### 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

#### 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

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##### Approvals

CSA / UL Recognized / cUL Recognized / GOST / GOST / cULus Recognized

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##### Ex Approvals

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##### Approvals submitted


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##### Approval details

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### Approvals


CSA 		
	B	D
mm²/AWG/kcmil	22-10	22-10
Nominal current I <sub>N</sub>	30 A	10 A
Nominal voltage U <sub>N</sub>	300 V	300 V

UL Recognized 		
	B	D
mm²/AWG/kcmil	24-10	24-10
Nominal current I <sub>N</sub>	30 A	10 A
Nominal voltage U <sub>N</sub>	300 V	300 V

cUL Recognized 		
	B	D
mm²/AWG/kcmil	24-10	24-10
Nominal current I <sub>N</sub>	30 A	10 A
Nominal voltage U <sub>N</sub>	300 V	300 V

GOST 		
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GOST 		
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cULus Recognized 		
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### Accessories

#### Accessories

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### Accessories

#### Labeled terminal marker

Marker card - SK 7,62/3,8:FORTL.ZAHLEN - 0804549



Marker card, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - 100, Mounting type: Adhesive, for terminal block width: 7.62 mm, Lettering field: 7.62 x 3.8 mm

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#### Marker pen

Marker pen - B-STIFT - 1051993



Marker pen, for manual labeling of unprinted Zack strips, smear-proof and waterproof, line thickness 0.5 mm

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#### Pitch spacer

PCB terminal block - RZ 5,08-FRONT 4-H-7,62 - 1904011



Pitch spacer, raises the pitch by 5.08 mm, interlocks with terminal block of the same shape, color: green

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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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#### Terminal marking

## PCB terminal block - FRONT 4-H-7,62-3 - 1986097

### Accessories

Marker card - SK U/3,8 WH:UNBEDRUCKT - 0803906



Marker card, Sheet, white, unlabeled, can be labeled with: Plotter, Office printing systems, Mounting type: Adhesive, Lettering field: 186 x 3.8 mm

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