

# PCB terminal block - FRONT 4-H-6,35 - 1703050

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PC terminal block, Nominal current: 32 A, Nom. voltage: 320 V, Pitch: 6.35 mm, Number of positions: 1, Connection method: Screw connection, Mounting: Soldering, Conductor/PCB connection direction: 0 °, Color: green, The article can be aligned to create different nos. of positions!

## Why buy this product

- ✓ Front screw connection terminal blocks, up to 6 mm<sup>2</sup> conductor cross section



## Key commercial data

Packing unit	1
Minimum order quantity	50
Catalog page	Page 379 (CC-2011)
GTIN	 4 017918 023072
Custom tariff number	85369010
Country of origin	BULGARIA

## Technical data

### Dimensions / positions

Length	26 mm
Height	33 mm
Pitch	6.35 mm
Number of positions	1
Pin dimensions	1 x 0,8 mm
Hole diameter	1.3 mm
Screw thread	M3
Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm

### Technical data

Range of articles	FRONT 4-H
Insulating material group	I
Rated surge voltage (III/3)	4 kV
Rated surge voltage (III/2)	4 kV

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## Technical data

### Technical data

Rated surge voltage (II/2)	4 kV
Rated voltage (III/3)	320 V
Rated voltage (III/2)	320 V
Rated voltage (II/2)	630 V
Connection in acc. with standard	EN-VDE
Nominal current $I_N$	32 A
Nominal cross section	4 mm <sup>2</sup>
Maximum load current	32 A (with 6 mm <sup>2</sup> conductor cross section)
Insulating material	PA
Inflammability class according to UL 94	V2
Internal cylindrical gage	A3
Stripping length	14 mm
Nominal voltage, UL/CUL Use Group B	300 V
Nominal current, UL/CUL Use Group B	30 A
Nominal voltage, UL/CUL Use Group D	300 V
Nominal current, UL/CUL Use Group D	30 A

### 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.	4 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.	4 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

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## Technical data

### Connection data

Maximum AWG according to UL/CUL	10
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## Classifications

### ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002643
ETIM 5.0	EC002643

### UNSPSC

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

### 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

## Approvals

### Approvals

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#### Approvals

CSA / UL Recognized / cUL Recognized / GOST / GL / RS / GOST / cULus Recognized

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#### Ex Approvals

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#### Approvals submitted

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#### Approval details

# PCB terminal block - FRONT 4-H-6,35 - 1703050

## Approvals

CSA

	B	D
mm <sup>2</sup> /AWG/kcmil	22-10	22-10
Nominal current IN	30 A	10 A
Nominal voltage UN	300 V	300 V

UL Recognized

	B	D
mm <sup>2</sup> /AWG/kcmil	24-10	24-10
Nominal current IN	30 A	30 A
Nominal voltage UN	300 V	300 V

cUL Recognized

	B	D
mm <sup>2</sup> /AWG/kcmil	24-10	24-10
Nominal current IN	30 A	30 A
Nominal voltage UN	300 V	300 V

GOST

GL

RS

GOST

cULus Recognized

## Accessories

Accessories

Assembly

## PCB terminal block - FRONT 4-H-6,35 - 1703050

### Accessories

PCB terminal block - D-FRONT 4-6,35 - 1703076



End cover, necessary at the end of a terminal row, 1.5 mm thick, color: green

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### Marking

Marker cards - SK 6,2/3,8:FORTL.ZAHLEN - 0804374



Marker cards, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - (99)100, Mounting type: Adhesive, For terminal block width: 6.2 mm

Marker cards - SK 6,2/3,8:UNBEDRUCKT - 0805425



Marker cards, Card, white, Unlabeled, Can be labeled with: Bezeichnungsstift, Mounting type: Adhesive, For terminal block width: 6.2 mm

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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### 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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### Additional products

# PCB terminal block - FRONT 4-H-6,35 - 1703050

## Accessories

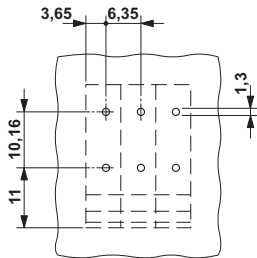
PCB terminal block - D-FRONT 4-6,35 - 1703076



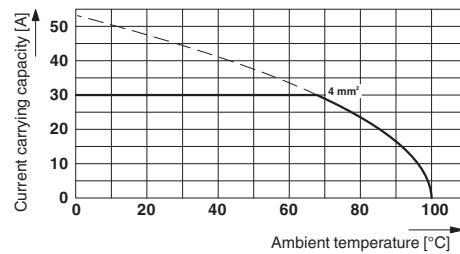
End cover, necessary at the end of a terminal row, 1.5 mm thick, color: green

## Drawings

### Drilling diagram



### Diagram



Type: FRONT 4-H-6,35  
Test following DIN EN 60512-5-2:2003-01  
Reduction factor = 1  
No. of positions: 5

### Dimensioned drawing

