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

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PCB 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!

Product Features

- Front screw connection terminal blocks, up to 6 mm² conductor cross section

Key commercial data

package_quantity	50
GTIN	4017918023072

Technical data

Dimensions

Length	26 mm
Height	33 mm
Pitch	6.35 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)	4 kV
Rated surge voltage (III/2)	4 kV
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 mm²
Maximum load current	32 A (with 6 mm² conductor cross section)
Insulating material	PA
Solder pin surface	Sn
Inflammability class according to UL 94	V2
Internal cylindrical gage	A3

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Technical data

General

Stripping length	14 mm
Number of positions	1
Screw thread	M3
Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm

Connection data

Conductor cross section solid min.	0.5 mm²
Conductor cross section solid max.	6 mm²
Conductor cross section stranded min.	0.5 mm²
Conductor cross section stranded max.	4 mm²
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.5 mm²
Conductor cross section stranded, with ferrule without plastic sleeve max.	4 mm²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.5 mm²
Conductor cross section stranded, with ferrule with plastic sleeve max.	4 mm²
Conductor cross section AWG/kcmil min.	20
Conductor cross section AWG/kcmil max	10
2 conductors with same cross section, solid min.	0.5 mm²
2 conductors with same cross section, solid max.	1.5 mm²
2 conductors with same cross section, stranded min.	0.5 mm²
2 conductors with same cross section, stranded max.	1.5 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1 mm²
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 mm²
Minimum AWG according to UL/CUL	24
Maximum AWG according to UL/CUL	10

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

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classifications

eCl@ss

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

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

Approval details

CSA

Usegroups	**B**	**D**
Nominal voltage UN	300 V	300 V
Nominal current IN	30 A	10 A
mm²/AWG/kcmil	22-10	22-10

UL Recognized

Usegroups	**B**	**D**
Nominal voltage UN	300 V	300 V
Nominal current IN	30 A	10 A
mm²/AWG/kcmil	24-10	24-10

cUL Recognized

Usegroups	**B**	**D**
Nominal voltage UN	300 V	300 V
Nominal current IN	30 A	10 A
mm²/AWG/kcmil	24-10	24-10

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approvals

GOST

GL

RS

cULus Recognized

accessories

End cover

D-FRONT 4-6,35 - 1703076



Labeled terminal marker

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



Screwdriver tools

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accessories

SZS 0,6X3,5 - 1205053



Terminal marking

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



Marker pen

B-STIFT - 1051993



accessories

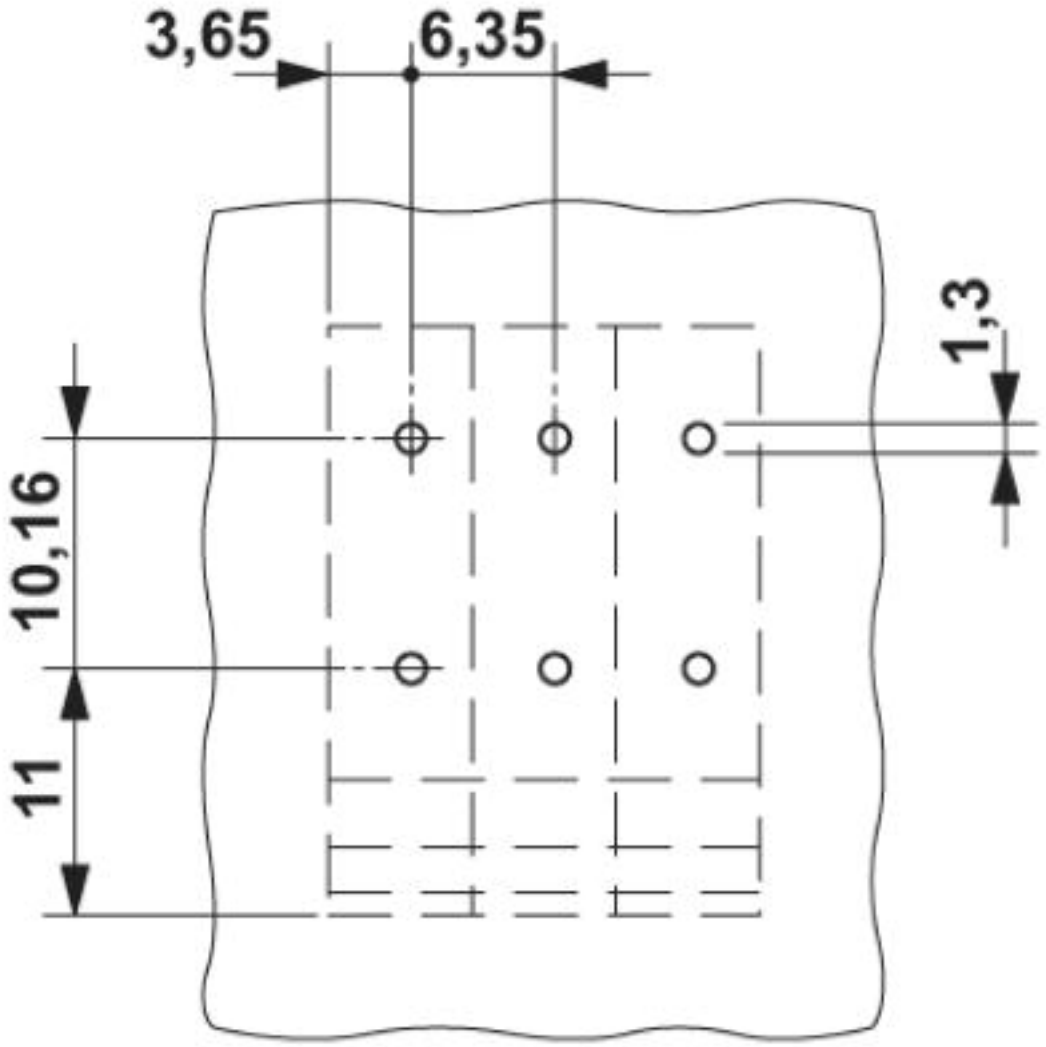
SK 6,2/3,8:SO - 0805111



Drawings

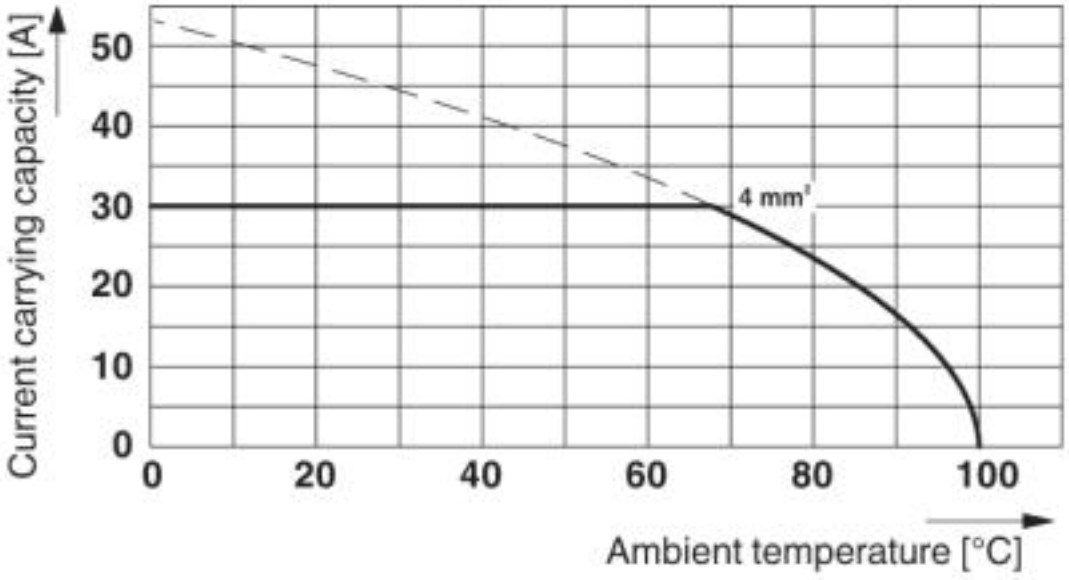
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Drilling diagram



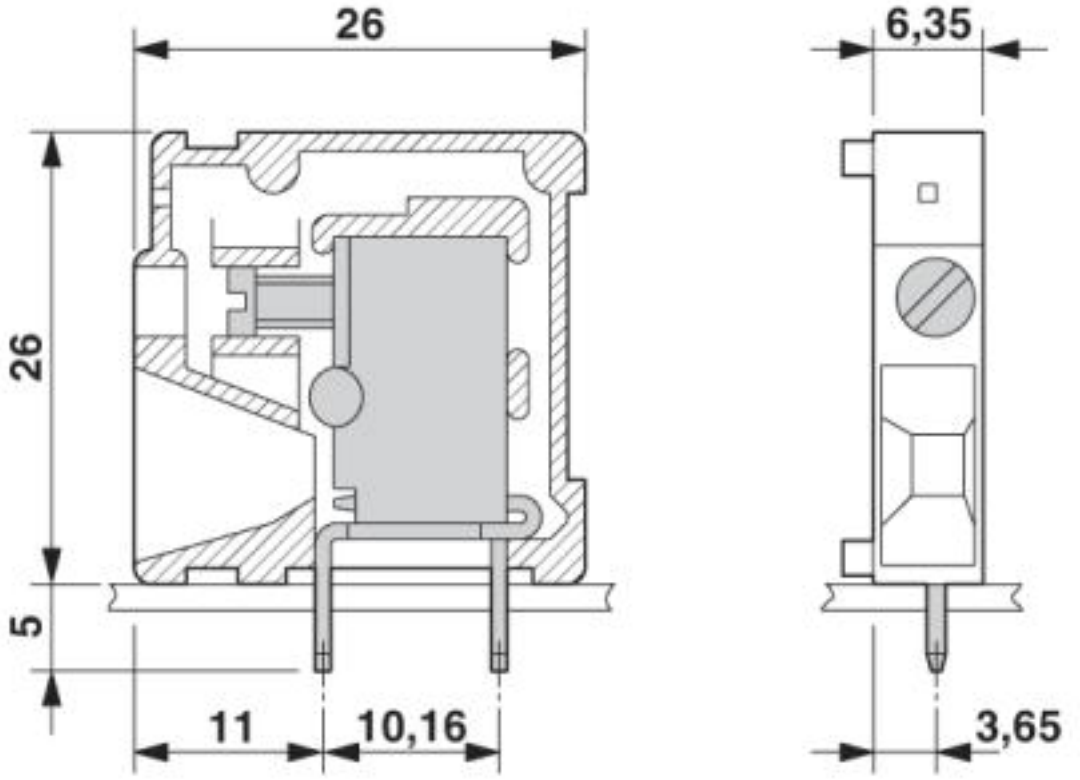
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Diagram



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

Dimensioned drawing



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