

PCB terminal block - FRONT 4-V-6,35 - 1703063

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid
(<http://phoenixcontact.com/download>)

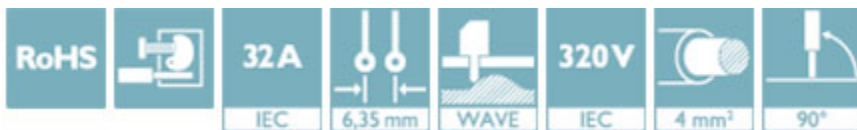


PCB terminal block, Nominal current: 32 A, Nom. voltage: 320 V, Pitch: 6.35 mm, Number of positions: 1, Connection method: Front screw connection, Mounting: Wave soldering, Conductor/PCB connection direction: 90°, Color: green, The article can be aligned to create different nos. of positions!

The figure shows a 5-pos. version of the product

Why buy this product

- ✓ Well-known connection principle allows worldwide use
- ✓ Low temperature rise, thanks to maximum contact force
- ✓ Allows connection of two conductors
- ✓ Operation and conductor connection from one direction enable integration into front of device



Key Commercial Data

Packing unit	1 STK
Minimum order quantity	50 STK
GTIN	 4 017918 023089
GTIN	4017918023089
Weight per Piece (excluding packing)	8.040 g
Custom tariff number	85369010
Country of origin	Bulgaria

Technical data

Dimensions

Length	26 mm
Pitch	6.35 mm
Width	7.62 mm
Constructional height	26 mm

PCB terminal block - FRONT 4-V-6,35 - 1703063

Technical data

Dimensions

Height	32 mm
Solder pin [P]	5 mm
Pin dimensions	1 x 0,8 mm
Hole diameter	1.3 mm

General

Range of articles	FRONT 4-V
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 mm ²
Maximum load current	41 A (with 6 mm ² conductor cross section)
Insulating material	PA
Solder pin surface	Sn
Flammability rating according to UL 94	V0
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 mm ²
Conductor cross section solid max.	6 mm ²
Conductor cross section flexible min.	0.5 mm ²
Conductor cross section flexible max.	6 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.5 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	4 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.5 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	2.5 mm ²
Conductor cross section AWG min.	20
Conductor cross section AWG max.	10

PCB terminal block - FRONT 4-V-6,35 - 1703063

Technical data

Connection data

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.	0.25 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1 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 mm ²

Standards and Regulations

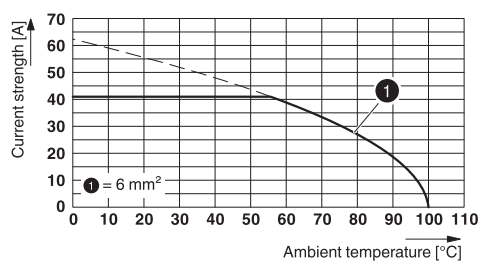
Connection in acc. with standard	EN-VDE
	CSA
Flammability rating according to UL 94	V0

Environmental Product Compliance

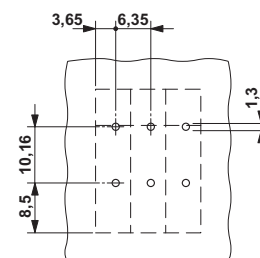
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Diagram



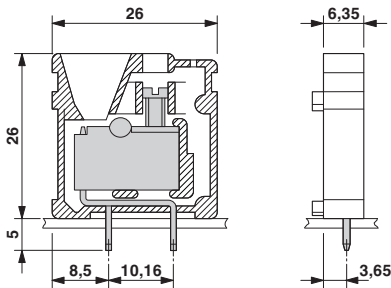
Drilling diagram



Type: FRONT 4-V-6,35

PCB terminal block - FRONT 4-V-6,35 - 1703063

Dimensional drawing



Approvals

Approvals

Approvals

CSA / UL Recognized / cUL Recognized / RS / EAC / DNV GL / cULus Recognized

Ex Approvals

Approval details

CSA		http://www.csagroup.org/services/testing-and-certification/certified-product-listing/	13631
	B	D	
mm²/AWG/kcmil	22-10	22-10	
Nominal current IN	30 A	10 A	
Nominal voltage UN	300 V	300 V	

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
	B	D	
mm²/AWG/kcmil	24-10	24-10	
Nominal current IN	30 A	10 A	
Nominal voltage UN	300 V	300 V	

PCB terminal block - FRONT 4-V-6,35 - 1703063

Approvals

cUL Recognized		http://database.ul.com/cgi-bin/XYVV/template/LISEXT/1FRAME/index.htm	FILE E 60425
	B	D	
mm²/AWG/kcmil	24-10	24-10	
Nominal current I _N	30 A	10 A	
Nominal voltage U _N	300 V	300 V	

RS		http://www.rs-head.spb.ru/en/index.php	10.04059.250
----	---	---	--------------

EAC			B.01742
-----	---	--	---------

DNV GL		http://exchange.dnv.com/tari/	TAE00001EV
--------	--	---	------------

cULus Recognized		http://database.ul.com/cgi-bin/XYVV/template/LISEXT/1FRAME/index.htm	
------------------	---	---	--