https://www.phoenixcontact.com/cn/products/1792106

PCB terminal block - PLH 5/ 2-7,5-ZF - 1792106

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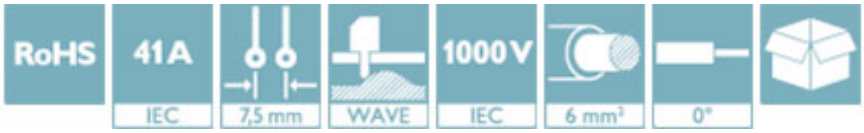
The figure shows a 4-pos. version of the product

PCB terminal block, Nominal current: 41 A, Nom. voltage: 1000 V, Pitch: 7.5 mm, Number of positions: 2, Connection method: Push-lock spring connection, Mounting: Wave soldering, Conductor/PCB connection direction: 0 °, Color: green

Why buy this product

- Tool-free lever principle enables time-saving connection and release of conductors with/without ferrules
- Defined contact force ensures that contact remains stable over the long term
- Time-saving push-in connection when lever is closed
- Unrestricted 600-V-UL approval thanks to compact zig-zag pinning
- Quick and convenient testing using integrated test option



Key Commercial Data

Packing unit	25 STK
Minimum order quantity	25 STK
GTIN	4 046356 610667
GTIN	4046356610667
Sales Key	AABCAA

Technical data

Dimensions

Length	22.7 mm
Pitch	7.5 mm
Dimension a	7.5 mm
Width	16 mm
Constructional height	24.1 mm
Height	27.7 mm
Length of the solder pin	3.6 mm
Pin dimensions	1,2 x 1,5 mm

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Technical data

Dimensions

Pin spacing	12.5 mm
Hole diameter	2 mm

General

Range of articles	PLH 5/
Insulating material group	I
Rated surge voltage (III/3)	8 kV
Rated surge voltage (III/2)	8 kV
Rated surge voltage (II/2)	8 kV
Rated voltage (III/3)	1000 V
Rated voltage (III/2)	1000 V
Rated voltage (II/2)	1000 V
Nominal current I_N	41 A
Nominal cross section	6 mm²
Insulating material	PA
Solder pin surface	Sn
Flammability rating according to UL 94	V0
Stripping length	12 mm
Number of positions	2

Connection data

Conductor cross section solid min.	0.2 mm²
Conductor cross section solid max.	6 mm²
Conductor cross section flexible min.	0.2 mm²
Conductor cross section flexible max.	6 mm²
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.2 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	6 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.2 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	6 mm²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	10
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.	2.5 mm²

Standards and Regulations

Connection in acc. with standard	CUL
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

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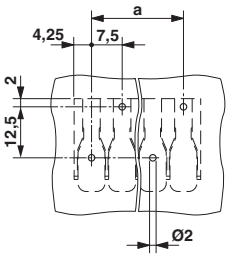
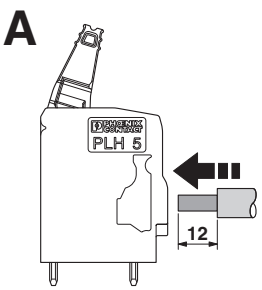
Drawings

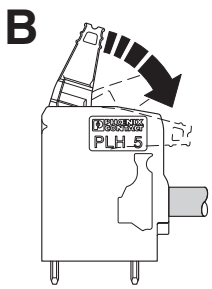
Drilling diagram



Functional drawing

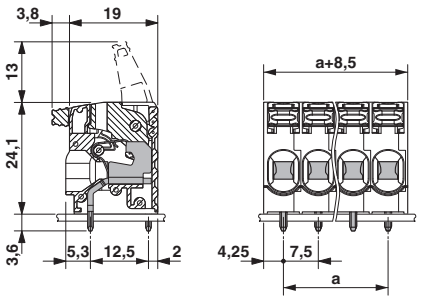


Functional drawing

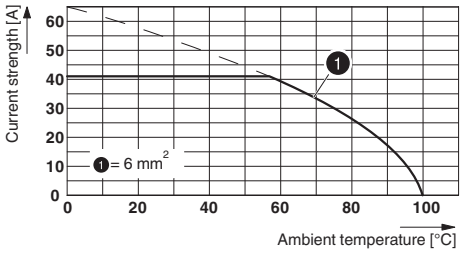


Functional drawing

Dimensional drawing



Diagram



Type: PLH 5/...-7,5(-ZF)

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / VDE approval of drawings / EAC / cULus Recognized

Ex Approvals

Approval details

PCB terminal block - PLH 5/ 2-7,5-ZF - 1792106

Approvals

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425

	B	C
mm²/AWG/kcmil	24-10	24-10
Nominal current IN	27 A	27 A
Nominal voltage UN	600 V	600 V

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425

	B	C
mm²/AWG/kcmil	24-10	24-10
Nominal current IN	27 A	27 A
Nominal voltage UN	600 V	600 V

VDE approval of drawings		http://www.vde.com/en/Institute/OnlineService/ VDE-approved-products/Pages/Online-Search.aspx	40041250

mm²/AWG/kcmil	0.2-6
Nominal current IN	41 A
Nominal voltage UN	1000 V

EAC		B.01742

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