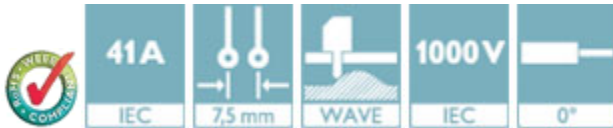


PCB terminal block - PLH 5/ 1-7,5 - 1792096

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: 41 A, Nom. voltage: 1000 V, Pitch: 7.5 mm, Number of positions: 1, Connection method: Push-lock spring connection, Mounting: Wave soldering, Conductor/PCB connection direction: 0 °, Color: green



Key Commercial Data

Packing unit	1 pc
Minimum order quantity	25 pc
Weight per Piece (excluding packing)	5.6 g
Custom tariff number	85369010
Country of origin	Germany

Technical data

Dimensions

Pitch	7.50 mm
Dimension a	0 mm
Length of the solder pin	3.6 mm
Pin dimensions	1,2 x 1,5 mm
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

PCB terminal block - PLH 5/ 1-7,5 - 1792096

Technical data

General

Rated voltage (III/2)	1000 V
Rated voltage (II/2)	1000 V
Nominal current I _N	41 A
Nominal cross section	6 mm ²
Insulating material	PA
Solder pin surface	Sn
Flammability rating according to UL 94	V0
Stripping length	12 mm
Number of positions	1

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	6 mm ²
Conductor cross section flexible min.	0.2 mm ²
Conductor cross section flexible max.	6 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.2 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	6 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.2 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	6 mm ²
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 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	2.5 mm ²

Standards and Regulations

Connection in acc. with standard	CUL
Flammability rating according to UL 94	V0

Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27141190
eCl@ss 6.0	27261101
eCl@ss 7.0	27440401

PCB terminal block - PLH 5/ 1-7,5 - 1792096

Classifications

eCl@ss

eCl@ss 8.0	27440401
eCl@ss 9.0	27440401

ETIM

ETIM 4.0	EC002637
ETIM 5.0	EC002643

UNSPSC

UNSPSC 6.01	30211810
UNSPSC 7.0901	39121409
UNSPSC 11	39121409
UNSPSC 12.01	39121409
UNSPSC 13.2	39121409

Approvals

Approvals


Approvals

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

Ex Approvals

Approvals submitted

Approval details

UL Recognized 			
	B	C	D
mm ² /AWG/kcmil	24-10	24-10	24-10
Nominal current I _N	27 A	27 A	10 A
Nominal voltage U _N	300 V	150 V	300 V

PCB terminal block - PLH 5/ 1-7,5 - 1792096

Approvals

cUL Recognized			
	B	C	D
mm ² /AWG/kcmil	24-10	24-10	24-10
Nominal current I _N	27 A	27 A	10 A
Nominal voltage U _N	300 V	150 V	300 V

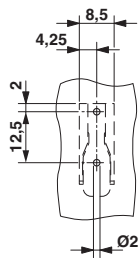
EAC

VDE approval of drawings	
mm ² /AWG/kcmil	0.2-6
Nominal current I _N	41 A
Nominal voltage U _N	1000 V

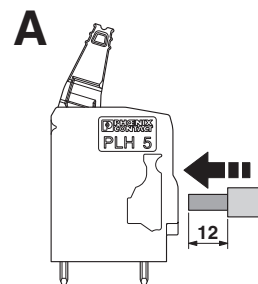
cULus Recognized	
------------------	--

Drawings

Drilling diagram

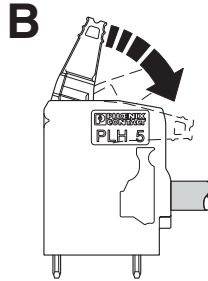


Functional drawing

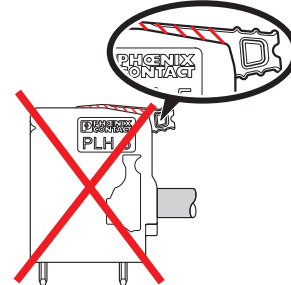


PCB terminal block - PLH 5/ 1-7,5 - 1792096

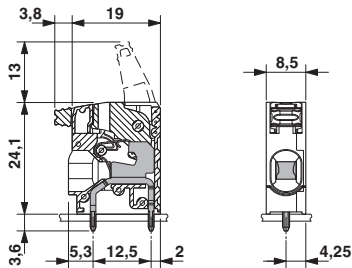
Functional drawing



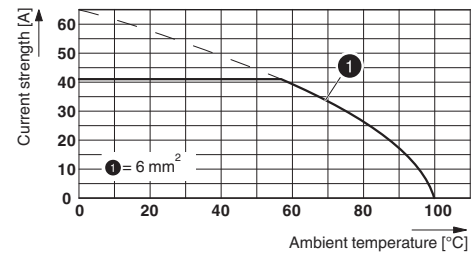
Functional drawing



Dimensional drawing



Diagram



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