PCB terminal block - PLH 16/ 8-15 - 1770597

PCB terminal block, Nominal current: 76 A, Nom. voltage: 1000 V, Pitch: 15 mm, Number of positions: 8, Connection method: Spring-cage conn., Mounting: Soldering, Conductor/PCB connection direction: 0 °, Color: green

Product Features

- Color coding from position to position thanks to terminal blocks that can be mounted side by side and lever colors
- Fast connection technology thanks to the tool-free "one-hand tilting lever principle" or direct plug-in technology
- Conductor connection direction horizontal to the PCB
- Unlimited 600 V UL approval already available with 10 mm pitch with zigzag pinning
- PLH 16 push-lock spring-cage PCB terminal block with lever operation for conductor cross sections up to 16 mm² and a current carrying capacity of up to 76 A
- Low actuation forces

Key commercial data

Packing unit	1 PCE
Catalog page	Page 391 (CC-2011)
GTIN	4 046356 458191
Custom tariff number	85369010
Country of origin	GERMANY

Technical data

Dimensions / positions

Pitch	15 mm
Dimension a	105 mm
Number of positions	8
Pin dimensions	1,2 x 1,2 mm
Pin spacing	15 mm

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Technical data

Dimensions / positions

Hole diameter	1.6 mm

Technical data

Range of articles	PLH 16/
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	76 A
Nominal cross section	16 mm²
Insulating material	PA
Inflammability class according to UL 94	V0
Stripping length	18 mm
Nominal voltage, UL/CUL Use Group B	600 V
Nominal current, UL/CUL Use Group B	66 A
Nominal voltage, UL/CUL Use Group C	600 V
Nominal current, UL/CUL Use Group C	66 A

Connection data

Conductor cross section solid min.	0.75 mm²
Conductor cross section solid max.	16 mm²
Conductor cross section stranded min.	0.75 mm²
Conductor cross section stranded max.	16 mm²
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.75 mm²
Conductor cross section stranded, with ferrule without plastic sleeve max.	16 mm²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.75 mm²
Conductor cross section stranded, with ferrule with plastic sleeve max.	10 mm²
Conductor cross section AWG/kcmil min.	18
Conductor cross section AWG/kcmil max	4
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.75 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	4 mm²
Minimum AWG according to UL/CUL	18
Maximum AWG according to UL/CUL	4

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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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UL Recognized / VDE Gutachten mit Fertigungsüberwachung / CCA / IECEE CB Scheme / GOST

Ex Approvals

Approvals submitted

Approval details

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Approvals

UL Recognized

	B	C
mm²/AWG/kcmil	18-4	18-4
Nominal current IN	66 A	66 A
Nominal voltage UN	600 V	600 V

VDE Gutachten mit Fertigungsüberwachung

mm²/AWG/kcmil	0.75-16
Nominal current IN	76 A
Nominal voltage UN	1000 V

CCA

mm²/AWG/kcmil	0.75-16
Nominal current IN	76 A
Nominal voltage UN	1000 V

IECEE CB Scheme

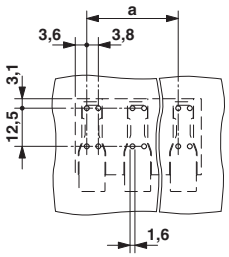
mm²/AWG/kcmil	0.75-16
Nominal current IN	76 A
Nominal voltage UN	1000 V

GOST

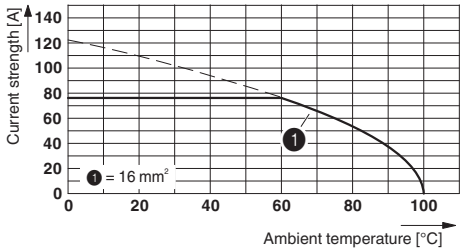
Drawings

PCB terminal block - PLH 16/ 8-15 - 1770597

Drilling diagram

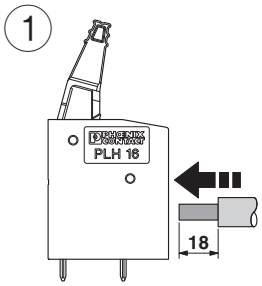


Diagram

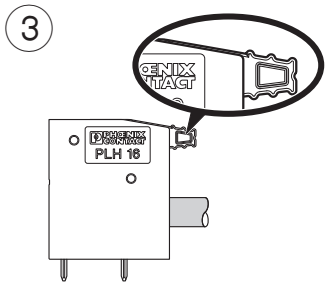


Type: PLH 16/...-15
Tested in accordance with DIN EN 60512-5-2:2003-01
No. of positions: 5
Conductor cross section: 16 mm² (exclusively for solid conductors)

Functional drawing

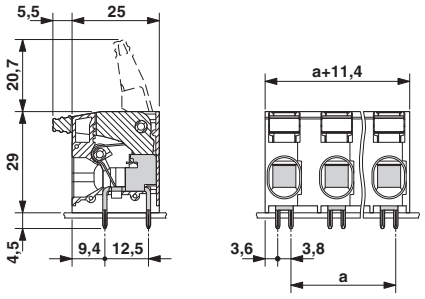


Functional drawing



Functional drawing

Dimensioned drawing



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Functional drawing