

PCB terminal block - PLH 5/ 4-7,5-ZF MCBU/RD BD:-, + - 1712093

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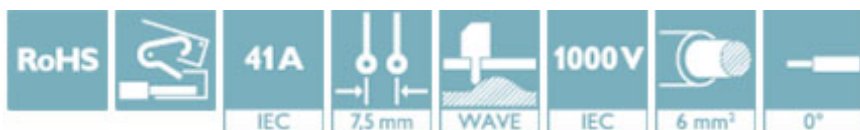


PCB terminal block, nominal current: 41 A, nom. voltage: 1000 V, pitch: 7.5 mm, number of positions: 4, connection method: Push-lock spring connection, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: multi-color

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

Your advantages

- ✓ 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 pc
GTIN	
GTIN	4055626275697

Technical data

Dimensions

Pitch	7.5 mm
Dimension a	22.5 mm
Solder pin [P]	3.6 mm
Pin spacing	12.5 mm
Hole diameter	2 mm

General

Range of articles	PLA 5/
Insulating material group	I
Rated surge voltage (III/3)	8 kV
Rated surge voltage (III/2)	8 kV

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Technical data

General

Rated surge voltage (II/2)	6 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 mm ²
Insulating material	PA
Flammability rating according to UL 94	V0
Stripping length	12 mm
Number of positions	4

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

Flammability rating according to UL 94	V0
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Environmental Product Compliance

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

Approvals

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VDE Zeichengenehmigung / EAC / cULus Recognized

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Approvals

Ex Approvals

Approval details

VDE Zeichengenehmigung		http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx	40041250
Nominal voltage UN	1000 V		
Nominal current IN	41 A		
mm²/AWG/kcmil	0.2-6		

EAC		B.01742
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cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-20110524
	B	C	
Nominal voltage UN	600 V	600 V	
Nominal current IN	27 A	27 A	
mm²/AWG/kcmil	24-10	24-10	

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