

## Overview

### Product information



### DG1450H-B-30A(H)-12010000289

Single-layer PCB barrier terminal blocks, Rated current: 45A. Rated voltage (UL) : 600V, Cross section: 22~8AWG, pitch: 14.5mm, Color: black, Contact surface: Tin

### Product advantages

- ☒ Screw connection for worldwide use
- ☒ Fence type wiring structure, stable and reliable connection
- ☒ High current electrical connections at the power end can be met

### Product certification



## Technical data

### Product drawing

### 3D model

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### Processing notes

Process

Wave soldering/manual soldering

### Connection capacity

Conductor cross section solid

0.5~10mm<sup>2</sup>

Conductor cross section flexible

0.5~10mm<sup>2</sup>

AWG

22~8AWG

### Electrical parameters UL

Rated voltage (B)

600V

Rated voltage (C)

600V

Rated voltage (D)	600V
Rated current (B)	40A
Rated current (D)	5A
Rated current (C)	40A

Electrical parameters IEC

Rated current	1000V
	76A

Item properties

Type of installation	PCB welding
Pin arrangement	Single row in a straight line
Connection method	Screw connection
Screwdriver	slotted-phillips screwdriver
screw thread	M5
Pitch	14.5mm
Number of potentials	3
Pluggable or not	no
Number of rows	1

Material data

Environmental items	Compliant with REACH/RoHS
Contact material	Copper alloy
Contact point metal surface	tin-plated
Insulation Materials	PBT
Insulating material group	IIIa
Flammability rating	UL94V-0

Mechanical tests

Test Specification	UL1059
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Environmental data
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Ambient temperature (operation)	-40°C~125°C(depending on derating curve)
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Accessories
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Accessories
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Business data
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Order number	12010000289
Packing unit	20
Minimum order quantity	/
Products weight (without packaging)	80.8