

## Overview

### Product information



## DGBSC-SG01/4-10050000465

PCB spring terminal blocks, Rated current: 32A. Rated voltage ( III/2 ) : 450V, pitch: 5.6mm, Color: transparent, Contact surface : Tin

### Product advantages

- ☑ Rotatable operating handle, easy to operate
- ☑ Suitable for field wiring, saving installation time

### Product certification



## Technical data

### Product drawing

### 3D model

□

### Connection capacity

Conductor cross section solid	0.2~4mm <sup>2</sup>
Conductor cross section flexible	0.2~4.0mm <sup>2</sup>
AWG	24~12AWG
Strip length	12mm

### Electrical parameters UL

Rated voltage (B)	600V
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### Electrical parameters IEC

Rated current	450V
	32A

Rated voltage(III/2)	450V
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#### Item properties

Connection method	Push-in spring connection
Pitch	5.6mm
Number of potentials	2
Pluggable or not	no
Number of rows	1

#### Material data

Environmental items	Compliant with REACH/RoHS
Contact material	copper
Contact point metal surface	tin-plated
Contact zone metal surface	tin-plated
Insulation Materials	PC
Insulating material group	IIIa
Flammability rating	UL94V-2

#### Mechanical tests

Test Specification	UL1059/IEC60998
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#### Environmental data

Ambient temperature (operation)	-40°C~85°C(depending on derating curve)
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#### Accessories

##### Accessories

Coding strip	/
Bridge	/
Marking strip	/

Others	/
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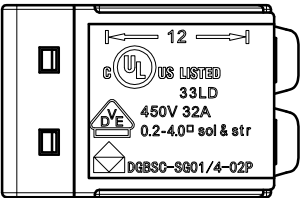
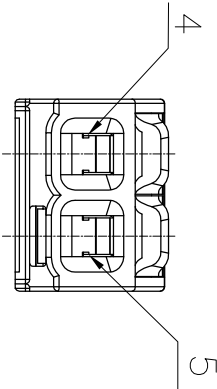
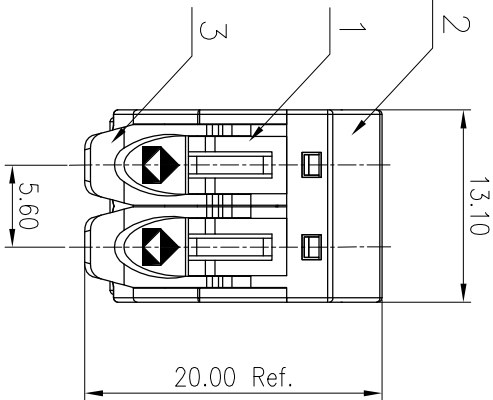
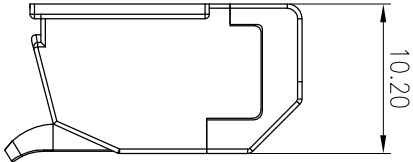
Tool

Operating tool	/
Screwdriver	/

Business data

Order number	10050000465
Packing unit	100
Minimum order quantity	30
Products weight (without packaging)	2.22

公差表 / (General tolerances)(mm)												
0	>3	>6	>18	>30	>50	>80	>120	>180	>250	>315	>400	0.1/10
~	~	~	~	~	~	~	~	~	~	~	~	~
3	6	10	18	30	50	80	120	180	250	315	400	500
±0.12	±0.18	±0.22	±0.26	±0.31	±0.37	±0.57	±0.80	±0.93	±1.05	±1.15	±1.60	±2.20
												±2



REV	ECN	DESCRIPTION	DRAFT	DATE
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SIZE: A4	mm (inch)	TYPE: CUSTOMER DRAWING	SCALE: 2:1	SHEET 1/1
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MATERIAL:	SURFACE:
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MAT NO.:	STATUS:	NAME:	DRAWING NO.:	REV	DO
	/	NINGBO DEGSON ELECTRICAL CO., LTD	/		
APPD:	/	DGBSC-SG01/4-02P(1Y-00AH)			
CHKD:	/				
DRAFT:	/				

5	Current carrier	Copper	Sn Plated
4	Spring	Stainless steel	/
3	Button	PA66+GF	UL94V-0
2	Cover	PC	UL94V-2
1	Housing	PC	UL94V-2
ITEM	NAME OF PART	MATERIAL	NOTES

UL 标准 / UL Standard:	600
额定电压 / Rated Voltage(V)	
IEC 标准 / IEC Standard:	
过压类别 / Overvoltage Category / 污染等级 / Pollution Degree	III/3
额定电压 / 电流 / Rated Voltage(V) / Current(A)	450 / 32
工频耐压 / Withstanding voltage(V / 1min)	AC2500
线径范围 (硬线和软线) / Wire Range(rigid and flexible)(AWG / mm <sup>2</sup> )	24~12 / 0.2~4.0
剥线长度 / Stripping length(mm)	12
使用温度范围 / Operating temperature(°C)	-40~+85 (IEC)
符合RoHS环保要求 / Conform to RoHS	Yes
Mark "DGBSC-SG01/4-02P" : 600V Cu	
24-12AWG, solder	