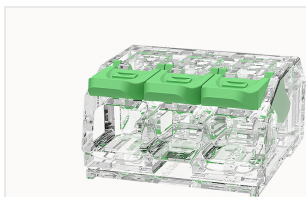


Overview

Product information



DGBSC-SG01/4-10050000470

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 ²
Conductor cross section flexible	0.2~4.0mm ²
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	3
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	/

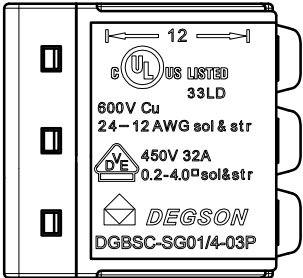
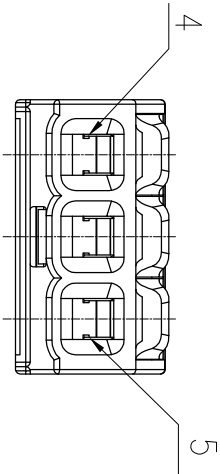
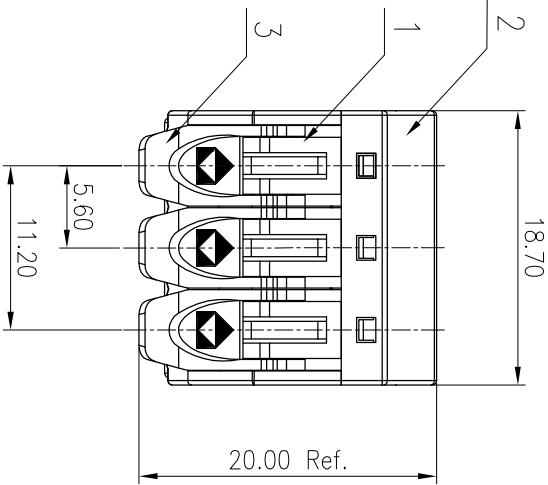
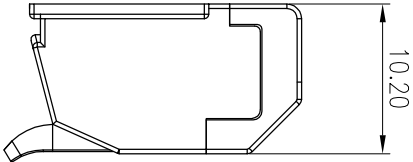
Others	/
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Tool

Operating tool	/
Screwdriver	/

Business data

Order number	10050000470
Packing unit	100
Minimum order quantity	30
Products weight (without packaging)	3.22



General tolerances(mm)												
0	>3	>6	>10	>18	>30	>50	>80	>120	>180	>250	>315	>400
~	3	6	10	18	30	50	80	120	180	250	315	400
±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
												±2.50
												0.1/10
												±2

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 Standard:		
Rated Voltage(V)		
EC Standard:		
Overvoltage Category / Pollution Degree		
Rated Voltage(V)/Current(A)		
Withstanding voltage(V/1Min)		
Wire Range(rigid and flexible)(AWG/mm²)		
Stripping length(mm)		
Operating temperature(°C)		
Conform to RoHS		

MATERIAL:	SURFACE:		
MAT NO.:			
STATUS:			
APPD:			
CHKD:			
DFT:			
DRAWING NO.:			REV
NAME:			D0
DGBSC-SG01/4-03P(1Y-00AH)			
TYPE: CUSTOMER DRAWING			SCALE: 2:1
SHEET			1/1