

## Overview

### Product information



## PC6-11010000092

Screw type Din-Rail TB, Rated voltage : 800 V, Rated current: 41 A, connector method: Screw/plug-in connector, Number of connectors: 2, Number of potentials: 1, Cross section: 0.2 mm<sup>2</sup> - 6 mm<sup>2</sup>, AWG: 24 - 8, Width: 8.2 mm, Height: 46mm, Color: gray, Mounting type: NS 35/7,5, NS 35/15

### Product advantages

- Screw connection technology, reliable connection
- Equipped with fixed parts and bridge parts, circuit connection test is more flexible
- Copper alloy material, good corrosion resistance
- Complete product line to meet the needs of different customers
- Can be matched with marker strips to avoid incorrect insertion of wires

### Product certification



## Technical data

### Wiring data

Strip length	10~12mm
Conductor cross section solid	0.2~6mm <sup>2</sup>
Conductor cross section flexible	0.2~6mm <sup>2</sup>
Conductor cross section flexible AWG	24~10
Conductor cross section solid AWG	24~8
screw thread	M4
Tightening torque	1.2N.m

## Environmental conditions

Ambient temperature (operation)	-40 °C ~ 105 °C (depending on derating curve)
Ambient temperature (storage / transport)	-5 °C ~ 70 °C
Ambient temperature (assembly)	-5 °C ~ 70 °C
Ambient temperature (execution)	-5 °C ~ 70 °C
Relative humidity (storage/transport)	25%~75%

## UL Electrical parameters

standard test	UL1059
Rated voltage (Use Group B)	600V
Rated current (Use Group B)	50A
Rated voltage (Use Group C)	600V
Rated current (Use Group C)	50A
Rated voltage (Use Group D)	600V
Rated current (Use Group D)	5A

## IEC Electrical parameters

standard test	IEC60947-7-1
Pollution level	3
Overvoltage level	III
Insulating material group	I
Rated voltage (III / 3)	800V
Rated current (III / 3)	41A
Rated surge voltage	8KV

## Safety test

Anti-finger touch	IP20
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## Mechanical performance test

Mechanical performance test	Passed the test
Bending test rotation speed	10rpm
Bending test	135
Bend test lead cross section/weight	0.2mm <sup>2</sup> /0.2kg
	6mm <sup>2</sup> /1.4kg
Tensile test results	Passed the test
Conductor cross-section tensile test/set point traction	0.2mm <sup>2</sup> /10N
	6mm <sup>2</sup> /80N

#### Environmental protection

REACH SVHC	Lead 7439-92-1
RoHS	No excessive harmful substances

#### Electrical performance test

Requirement, voltage drop	≤3.2mV
Voltage drop test results	Passed the test
Temperature rise test result	Passed the test

#### Dimension

NS 35/7,5 Height	47.25mm
End plate width	1.5mm
NS 35/15 Height	54.75mm
length	42.5mm
width	8.2mm
Height	46mm

#### Overview

Connection method	screw connection
Number of positions	1

Number of rows	1
number of connections	2
electric potentials	1
Open-end side panels	Yes
Insulation Materials	PA
Flame retardant grade, in line with UL 94	V0
Application field	Railway industry, mechanical engineering, factory engineering, process industry, etc.
color	Gray

## Accessories

### Marking & Installation

Marking strip	ZB8
Marker cards	DBE-1

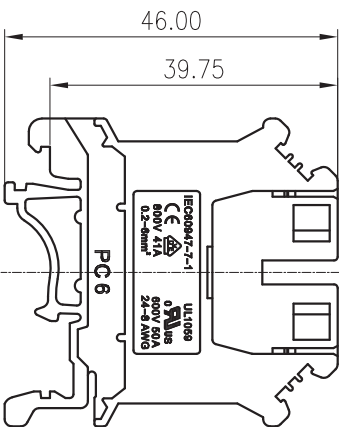
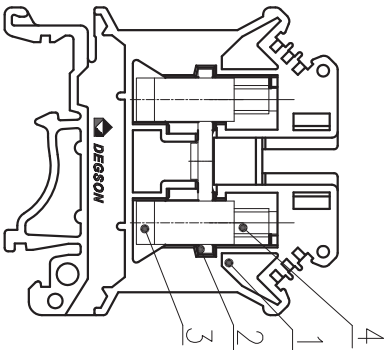
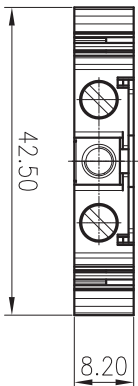
### Accessories

End cover	D-PC2.5
Grouping Partition plate	TS-K
Partition plate	ATP-PC
Bridge	FBIXX-8
End clamp	E-WS
DIN rail	NS35/7.5-1000-00A(H)

## Business data

Order number	11010000092
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Packing unit	50
Minimum order quantity	50
Products weight (without packaging)	7.084



General tolerances(mm)																																					
0	>3	>6	>10	>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		±2.50		~	

4	Screw	Copper Alloy	M4\Ni Plated
3	Cage	Copper Alloy	M4\Ni Plated
2	Current carrier	Copper	Sn Plated
1	Housing	PA66	UL94V-0
ITEM	NAME OF PART	MATERIAL	NOTES
UL Standard:		B	C
Rated Voltage(V)/Current(A)		600/50	600/50
IEC Standard:		600/50	600/50
Overvoltage Category		III/3	/
Pollution Degree			/
Rated Voltage(V)/Current(A)		800/41	/
Rate Impulse Voltage(KV)		8.0	/
Torque Tightening(N·m/Lb.in)		M4: 1.2/10.53	/
Wire Range(rigid and flexible)(mm²/AWG)		0.2~6/10~24(Sol/Stn&Str)	/
Pitch(mm)		8.20	/
Stripping length(mm)		10~12	/
Operating temperature(°C)		-40~+105	/
Conform to RoHS		Yes	/
Standard color number:			/
PANTONE / RAL			/
MATERIAL:			
SURFACE:			

MATERIAL:		SURFACE:	
MAT NO.:	/		
STATUS:	/		
APPD:	LI GL 2020.06.04	NAME:	<b>DEGSON® DEGSON GERMANY GmbH</b>
CHKD:	Moo J 2020.06.04	APPD:	LI GL 2020.06.04
DRFT:	LXX 2017.12.25	CHKD:	Moo J 2020.06.04
DRFT:	LXX 2017.12.25	DRFT:	LXX 2017.12.25
SIZE: A4	← mm (inch) →	DRAWING NO.:	PC6-C01
TYPE: CUSTOMER DRAWING	SCALE: 1:1	TYPE:	CUSTOMER DRAWING
REV	T1	REV	T1
SHEET	1/1	SHEET	1/1

1 2 3 4 5 6