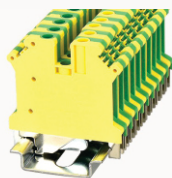


Overview

Product information



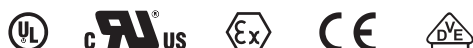
PC4-PE-11010000077

Screw type Din-Rail TB,connector method: Screw/plug-in connector, Number of connectors: 2, Number of potentials: 1, Cross section: 0.2 mm² - 4 mm², AWG: 24 - 10, Width: 6.2 mm, Height: 45.7mm, Color: green-yellow, Mounting type: NS 35/7,5, NS 35/15

Product advantages

- Screw connection technology, reliable connection
- Grounding structure, protection circuit
- 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	6~7mm
Conductor cross section solid	0.2~4mm ²
Conductor cross section flexible	0.2~4mm ²
Conductor cross section flexible AWG	24~10
Conductor cross section solid AWG	24~10
screw thread	M3
Tightening torque	0.5N.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
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IEC Electrical parameters

standard test	IEC60947-7-2
Pollution level	3
Overvoltage level	III
Insulating material group	I
Rated surge voltage	8KV

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 ² /0.2kg
	4mm ² /0.9kg
Tensile test results	Passed the test
Conductor cross-section tensile test/set point traction	0.2mm ² /10N
	4mm ² /60N

Environmental protection

REACH SVHC	Lead 7439-92-1
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RoHS	No excessive harmful substances
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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	47.1mm
NS 35/15 Height	54.6mm
length	42.5mm
width	6.2mm
Height	45.7mm

Overview

Connection method	screw connection
Number of positions	1
Number of rows	1
number of connections	2
electric potentials	1
Open-end side panels	no
Insulation Materials	PA
Flame retardant grade, in line with UL 94	V0
Application field	Railway industry, mechanical engineering, factory engineering, process industry, etc.
color	yellow-green

Accessories

Marking & Installation

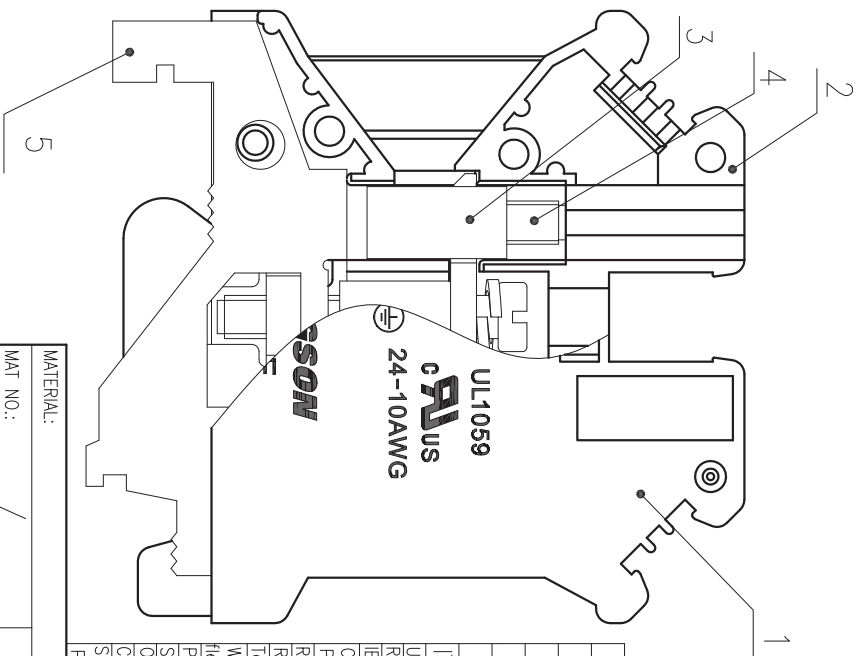
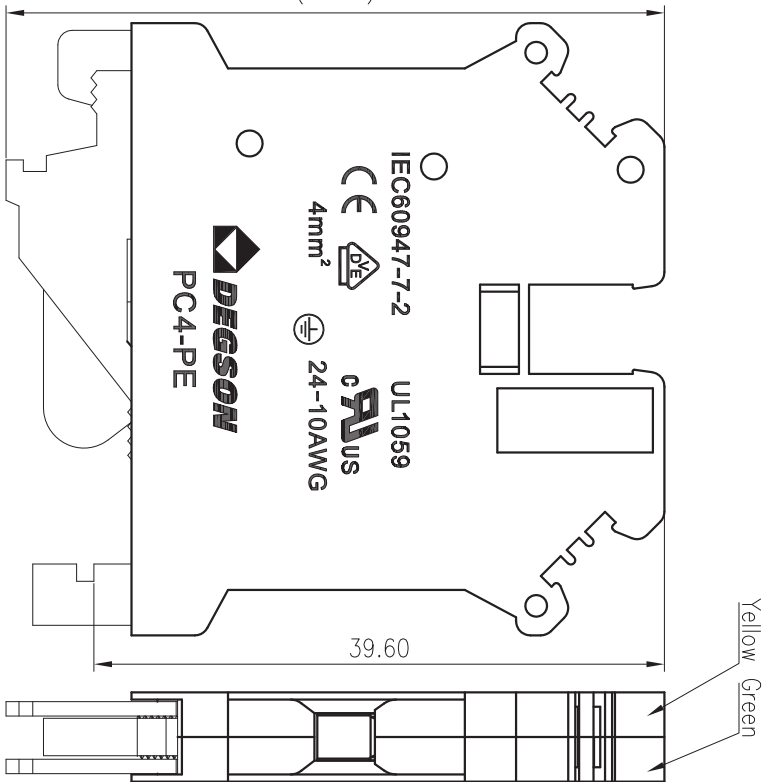
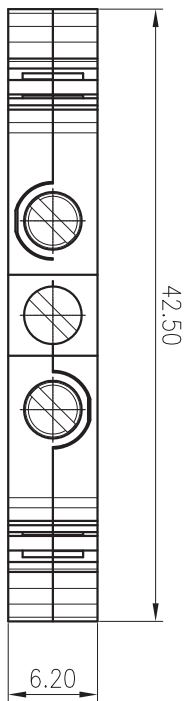
Marking strip	ZB6
Marker cards	DBE-1

Accessories

Bridge	EBXX-6
End clamp	E-WS
DIN rail	NS35/7.5-1000-00A(H)

Business data

Order number	11010000077
Packing unit	50
Minimum order quantity	50
Products weight (without packaging)	19.91



General tolerances(mm)		
0	>3	>180
~	>6	>120
3	10	>80
6	30	>50
10	50	>30
±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	Ground contact		
4	Screw	Copper Alloy	M3\Nl Plated
3	Cage	Copper Alloy	M3\Nl Plated
2	Housing	PA66	UL94V-0
1	Housing	PA66	UL94V-0
ITEM	NAME OF PART	MATERIAL	NOTES
UL Standard: B C D			
Rated Voltage(V)/Current(A) / / /			
IEC Standard: / / /			
Overvoltage Category III/3 / /			
Pollution Degree / / /			
Rated Voltage(V)/Current(A) / / /			
Rate Impulse Voltage(kV) 8.0 / / /			
Torque Tightening(N·m/Lb·in) M3, 0.5/4.43 / / /			
Wire Range(rigid and flexible)(mm²/AWG) 0.2~4.0/24~10 / / /			
Pitch(mm) 6.2 / / /			
Stripping length(mm) 6~7 / / /			
Operating temperature(°C) -40~+105 / / /			
Conform to RoHS Yes / / /			
Standard color number: / / /			
PANTONE / RAL / / /			
SURFACE: / / /			

MATERIAL: /

MAT NO.: /

STATUS: /

APPD: LI GL 2020.04.03

CHKD: Mao J 2020.04.03

DRAFT: Expsany 2005.11.14

NAME: **DEGSON® DEGSON GERMANY GmbH**

DRAWING NO.: PC4-PE-C01

TYPE: CUSTOMER DRAWING

SCALE: 2:1

REV T1

REV ECN DESCRIPTION DRAFT DATE

SIZE: A4

(mm)

(inch)

SHEET 1/1

(45.70)

42.50

6.20

Yellow Green

39.60

UL1059
cULus
24-10AWG

DEGSON
PC4-PE

IEC60947-7-2
CE
4mm²
UL1059
cULus
24-10AWG

DEGSON
UL1059
cULus
24-10AWG