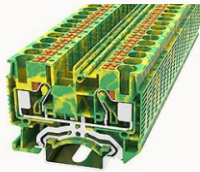


DS6-PE

Product information



DS6-PE

Push-in Din-Rail TB, connection method: Push-in connection, number of connections: 2, Number of potentials: 1, cross section: 0.5 mm² - 10 mm², AWG: 20 - 8, width: 8.2 mm, height: 42mm, Color: green-yellow, mounting type: NS 35/7,5, NS 35/15

Product advantages

- ☑ push-in connection technology, tool-free operation, more convenient and faster;
- ☑ With orange wire button, one word or cross screwdriver can release wire
- ☑ Can be matched with marker strips to avoid incorrect insertion of wires;
- ☑ Equipped with test holes for easy testing of the circuit.

Certified product



Technical data

Product chart

Model 3D

□

Overview

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

Number of positions	1
Connection type	Push-in connection

Dimension

width	8.2mm
length	58mm
NS 35/15height	51mm
End plate width	1.5mm
NS 35/7,5height	43.5mm

Environmental Conditions

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

Electrical performance test

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

Environmental protection

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

Mechanical performance test

Conductor cross-section tensile test/set point traction	10mm ² /90N
	6mm ² /80N

	0.5mm ² /20N
Tensile test results	Passed the test
Bend test lead cross section/weight	10mm ² /2kg
	6mm ² /1.4kg
	0.5mm ² /0.3Kg
Bending test	135
Bending test rotation speed	10rpm
Bend test results	Passed the test

Wiring data

Conductor cross section solidAWG	20~8
Conductor cross section flexibleAWG	20~8
Conductor cross section flexible	0.5~6mm ²
Conductor cross section solid	0.5~10mm ²
Stripping length	10~12mm

IEC electrical parameters

Insulating material group	I
Overvoltage category	III
Degree of pollution	3
standard test	IEC60947-7-2

UL electrical parameters

standard test	UL1059
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Accessories

Marking & Installation

Marker cards	DBE-2
Marker cards	DBE-1
Marker strip	ZB8

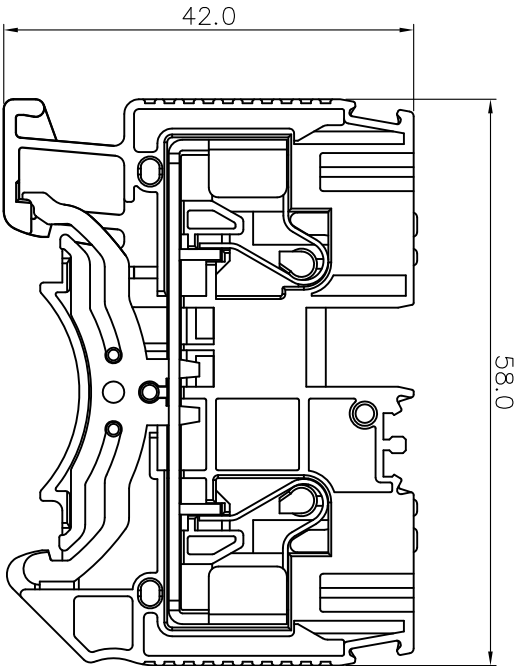
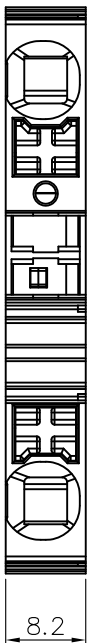
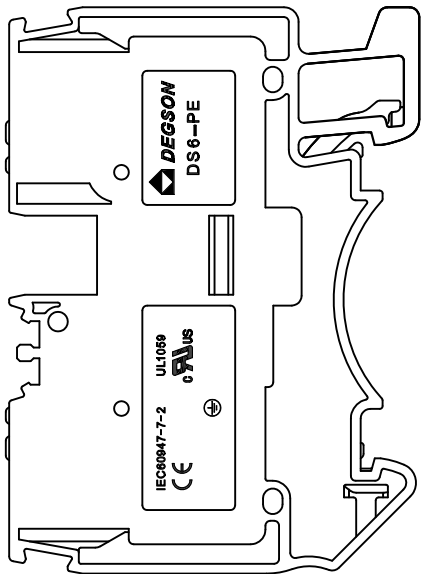
Accessory

DIN rail	NS35/7.5-AL-2000-00A(H)
DIN rail	NS35/7.5-AL-1000-00A(H)
DIN rail	NS35/7.5-2000-500A(H)
DIN rail	NS35/7.5-2000-06A(H)
DIN rail	NS35/7.5-2000-00A(H)
DIN rail	NS35/7.5-1000-00A(H)
End clamp	E-MK
End clamp	E-PC-1000A(H)
End clamp	E-PC
End clamp	E-WS
End cover	D-DS6

Business data

Order number	11040000060
Packing unit	50PCS
The minimum order quantity	50PCS
Product weight (without packaging)	

REVISION RECORD			
REV	ECN	DESCRIPTION	DATE



- NOTES1:
 UL Standard
 1.Wire Range : 20~8AWG
 IEC Standard

1. Pollution Degree	3
Overvoltage Category	III
Rate Impulse Voltage(KV)	8.0KV
Rate Voltage(V)	/
Rate Current(A)	/

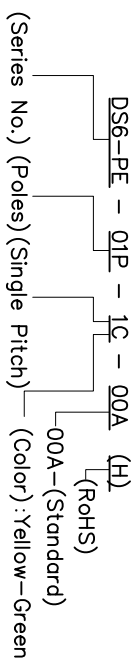
2. Wire Range : 0.5~6mm²; sol:10mm²

NOTES2:

- Dimension shall be interpreted per ASME Y14.5-2009
- Pitch : 8.2mm
- Stripping length : 10-12mm
- Operating temperature: -40°C~+105°C
- Undimensioned Tolerances:

Pitch	Range	In	Nominal Dimension	Range	mm	In	mm
Over	Over	Over	Over	Over	0.1/10		
TO	TO	TO	TO	TO	<		
6	10	24	30	60	100	150	±2°
±0.15	±0.20	±0.30	±0.30	±0.50	±0.70	±1.00	±1.30

6. RoHS Compliance



PART NO.:		/	NAME:		DEGSON® DEGSON GERMANY GmbH	
APPD:		/	TITLE:		CUSTOMER DRAWING	
CHKD:		/	DRAWING NO.:		/	
DRFT:		/	REV		DO	
THIRD ANGLE PROJECTION			DO NOT SCALE DRAWING		SCALE	