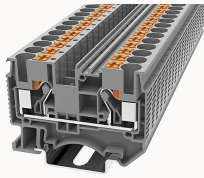


Overview

Product information



DS6-11040000052

Push-in Din-Rail TB, connector method: Push-in connector, Rated voltage : 1000 V, Rated current : 41 A, Number of connectors: 2, Number of potentials: 1, Cross section: 0.5 mm² - 10 mm², AWG: 20 - 8, Width: 8.2 mm, Color: gray, Mounting type: NS35/7.5, NS35/15

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.
- Equipped with dual-channel bridge wells, circuit connection testing is more flexible.
- Unique plug-in bridge, high circuit connection efficiency.
- Optional marker to avoid wire mis-inserting.
- Equipped with test holes for easy testing of the circuit.

Product certification



Technical data

Product drawing

3D model

□

UL Electrical parameters

Rated voltage	600V
Rated current	50A

Wiring data

Conductor cross section flexible (ferrule without plastic sleeve)	0.5-6mm ²
Conductor cross section flexible (ferrule with plastic sleeve)	0.5-6mm ²
2 flexible conductors with a TWIN ferrule	0.5-2.5mm ²

Strip length	10~12mm
Conductor cross section solid	0.5~10mm ²
Conductor cross section flexible	0.5~6mm ²
Conductor cross section solid AWG	20~8

Environmental conditions

Ambient temperature (storage / transport)	-25℃~60℃
Ambient temperature (operation)	-40℃ ~ 105℃ (depending on derating curve)
Relative humidity (storage/transport)	25%~75%

IEC Electrical parameters

Rated voltage (III / 3)	1000V
Rated current (III / 3)	41A
Rated surge voltage	8KV

Safety test

Anti-finger touch	Passed the test
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Mechanical performance test

Mechanical strength	Passed the test
Fixing support	Passed the test
Rotational Pull Test	Passed the test

Environmental protection

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

Electrical performance test

Voltage drop	≤3.2mV
Temperature rise test	≤45 K

Dimension

NS 35/7,5 Height	43.5mm
End plate width	1.5mm
NS 35/15 Height	51mm
length	58mm
width	8.2mm
Height	36mm

Overview

Insulating material group	I
standard test	IEC60947-7-1
Connection type	In line connection
Number of rows	1
number of connections	2
Open-end side panels	Yes
Insulation Materials	PA
Flame retardant grade, in line with UL 94	V0

Accessories

Marker

Top marker	ZB8 / ZS8
Side marker	ZSF8
Marker support	DTH5-25x5 / DTH5-25x12

Accessories

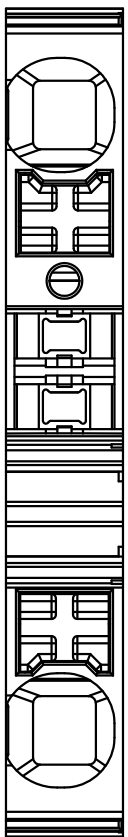
Slotted screwdriver size (Blade thickness x Width) mm	0.8x4
Bridge	DFBXX-8.2
End cover	D-DS6

Installation

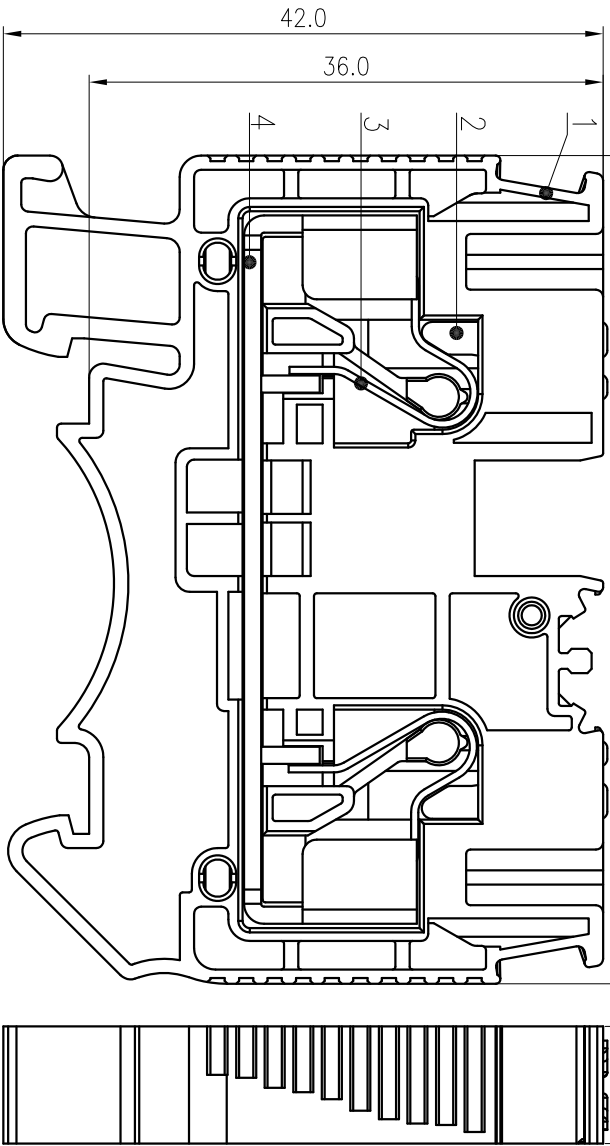
End clamp	E-WS N / E-PC-1100A
Terminal strip marker support	KLM3-20x8 / KLM3-44x8 / DBE-1 / DBE-2
DIN rail	NS35/7.5-1000-00A(H)

Business data

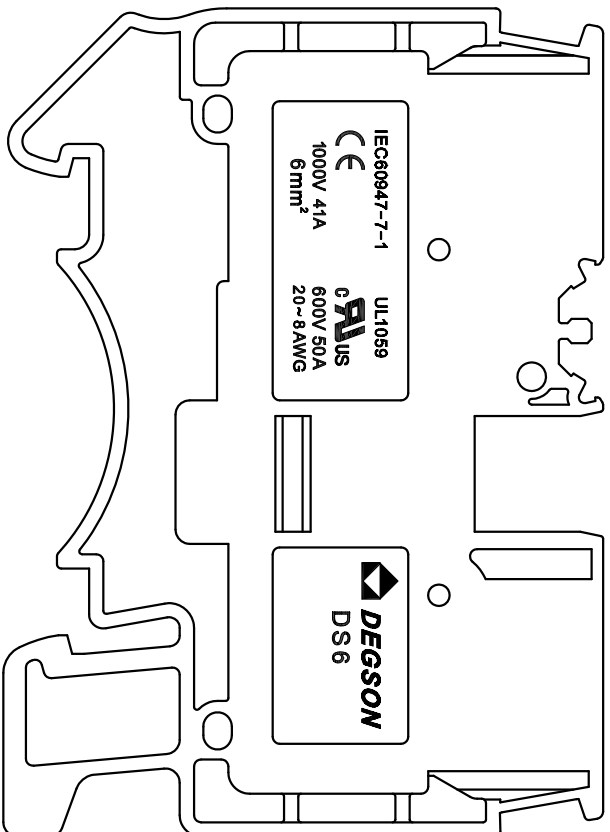
Order number	11040000052
Packing unit	50
Minimum order quantity	50
Products weight (without packaging)	14.704



58.0



General tolerances(mm)		0.1/10	
0	>3	>18	>250
~	>6	>180	>315
~	>10	>250	>400
~	18	315	400
3	6	10	180
~	10	18	250
~	18	30	315
~	30	50	400
~	50	80	500
~	80	120	~
~	120	180	~
~	180	250	~
~	250	315	~
~	315	400	~
~	400	500	~
~	500	~	~
±0.12	±0.18	±0.22	±0.26
±0.31	±0.37	±0.57	±0.80
±1.05	±1.05	±1.15	±1.60
±2.20	±2.20	±2.50	~
±2	~	~	~



UL Standard:	B	C	D
Rated Voltage(V)/Current(A)	600/50	600/50	600/50
IEC Standard:	600/50	600/50	600/50
Overvoltage Category/	III/3	III/2	II/2
Pollution Degree	III/3	III/2	II/2
Rated Voltage(V)/Current(A)	1000/41	/	/
Rate Impulse Voltage(KV)	8	/	/
Wire Range(rigid and flexible)(mm ² /AWG)	0.5~6;10(Sol)/20~8	/	/
Pitch(mm)	8.2	/	/
Stripping length(mm)	10~12	/	/
Operating temperature(°C)	-40~+105	/	/
Conform to RoHS	Yes	/	/

MATERIAL: / SURFACE: /

MAT NO.: /

STATUS: /

APPD: Li GL 2020.06.01 NAME: **DEGSON® DEGSON GERMANY GmbH**

CHKD: Mco J 2020.06.01 DRAWING NO.: **DS6-01P-1Y-00A(H)**

DRAFT: Chen K 2020.06.01 TYPE: CUSTOMER DRAWING SCALE: 2:1 SHEET 1/1

ITEM	NAME OF PART	MATERIAL	NOTES
4	Current Carrier	Copper	Sn plated
3	Spring	Stainless steel	
2	Button	PA66-GF	UL94 V-0
1	Housing	PA66	UL94 V-0

REV	ECN	DESCRIPTION	DRAFT	DATE
1				
2				
3				
4				

1 2 3 4 5 6