

Overview

Product information



DC6-11020000047

Screw type Din-Rail TB, connector method: Screw/plug-in connector, Rated voltage: 1000 V, Rated current: 41 A, Number of connectors: 2, Number of potentials: 1, Cross section: 0.5 mm² - 6 mm², AWG: 22 - 8, Width: 8 mm, Color: gray, Mounting type: NS 35/7.5, NS 35/15

Product advantages

- Steel screw connection technology, reliable connection;
- Equipped with dual-channel bridge wells, circuit connection testing is more flexible;
- Unique plug-in bridge, high circuit connection efficiency;
- The box has a baffle to prevent mis-insertion;
- Can be matched with marker strips to avoid incorrect insertion of wires.

Product certification



Technical data

Product drawing

3D model

Overview

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
Insulating material group	I
standard test	IEC60947-7-1

Connection method	screw connection
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Dimension

width	8mm
End plate width	1.5mm
Height	42mm
NS 35/7,5 Height	43.5mm
NS 35/15 Height	51mm
length	44.95mm

Wiring data

Strip length	10~11mm
Conductor cross section solid AWG	22~8
Conductor cross section solid	0.5~6mm ²
Conductor cross section flexible	0.5~6mm ²
Conductor cross section flexible (ferrule without plastic sleeve)	0.5~4mm ²
Conductor cross section flexible (ferrule with plastic sleeve)	0.5~4mm ²
2 flexible conductors with a TWIN ferrule	0.5~2.5mm ²
Screw type	Slotted screw
screw thread	M4
Tightening torque	1.2N.m

IEC Electrical parameters

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

UL Electrical parameters

Rated voltage	600V
Rated current	50A

Environmental conditions

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

Mechanical performance test

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

Electrical performance test

Voltage drop	≤3.2mV
Temperature rise test	≤45 K

Safety test

Anti-finger touch	Passed the test
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Environmental protection

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

Accessories

Marker

Top marker	/
Side marker	ZB8
Marker support	/

Accessories

Slotted screwdriver size (Blade thickness x Width)	1×4
Bridge	DFA6
End cover	D-DC6
Partition plate	/

Installation

End clamp	E-WS N / E-PC-1100A
Terminal strip marker support	KLM3-20x8 / KLM3-44x8 / DLM2 / DBE-1 / DBE-2
DIN rail	NS35/7.5 & NS35/15

Marking & Installation

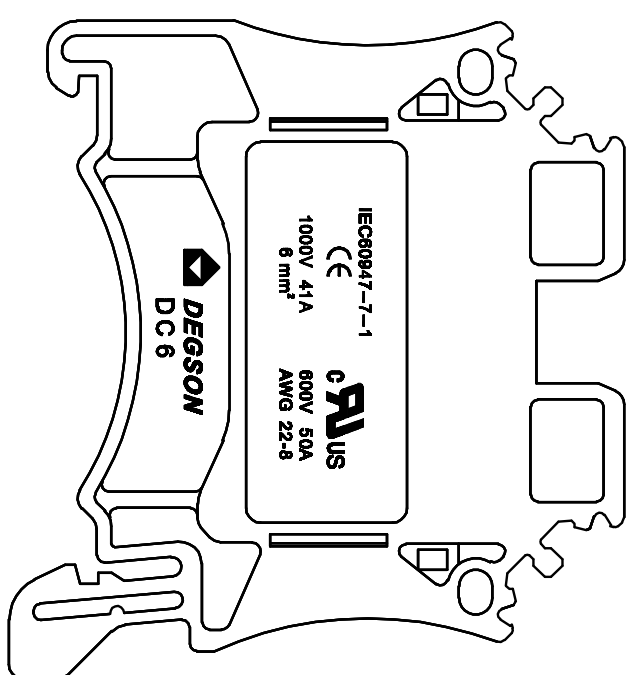
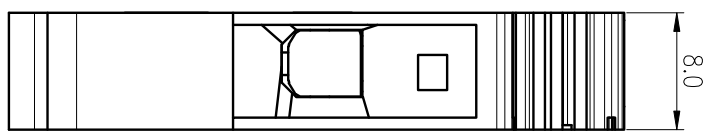
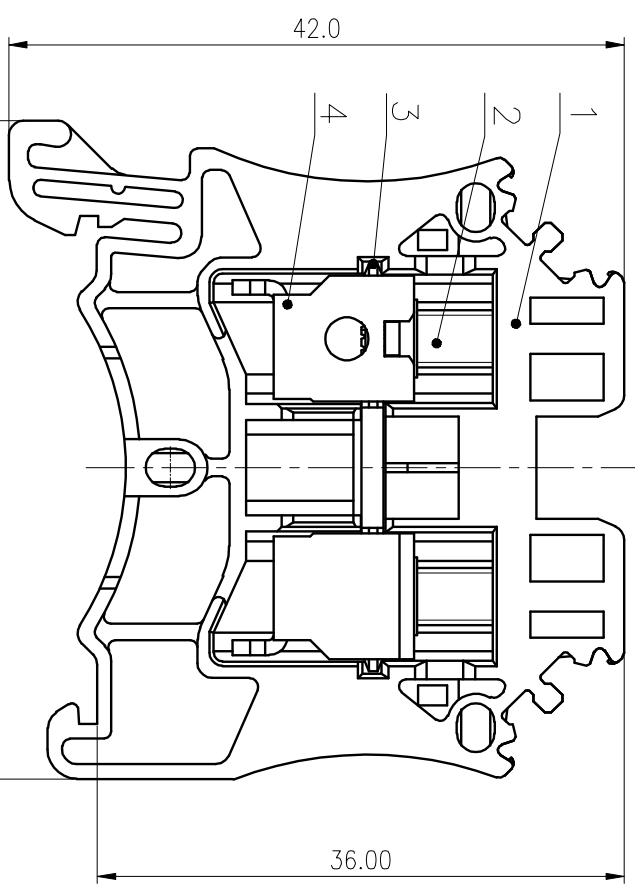
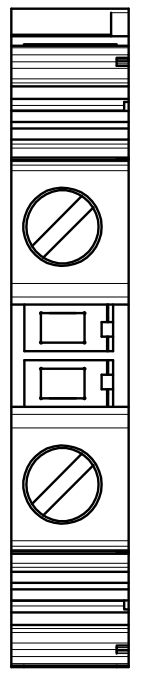
Marking strip	ZB8
Marker cards	DBE-1

Accessories

End cover	D-DC6
Bridge	DFA6
End clamp	E-WS
DIN rail	NS35/7.5-1000-00A(H)

Business data

Order number	11020000047
Packing unit	50
Minimum order quantity	50
Products weight (without packaging)	11.534



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

UL Standard:	B	C	D
Rated Voltage(V)/Current(A)	600/50	/	600/5
IEC Standard:			
Overvoltage Category/ Pollution Degree	III/3	/	/
Rated Voltage(V)/Current(A)	1000/41	/	/
Rate Impulse Voltage(KV)	8.0	/	/
Torque Tightening(N·m/Lb.in)	M4, 1.54/14		
Wire Range(frigid and flexible)(mm ² /AWG)	0.5~6/22~8		
Pitch(mm)	8.0		
Stripping length(mm)	10~12		
Operating temperature(°C)	-40~+105		
Conform to RoHS	Yes		
Standard color number:			
PANTONE / RAL			
SURFACE:	/		

MATERIAL: /
 MAT NO.: /
 STATUS: /
 APPD: Li GL 2020.05.15
 CHKD: Mao J 2020.05.15
 DRFT:Wang LX 2020.05.15



NAME: DC6-01P-1Y-00A(H)

DRAWING NO.: DC6-001

TYPE: CUSTOMER DRAWING SCALE: 2:1 SHEET 1/1

ITEM	NAME OF PART	MATERIAL	NOTES
4	Cage	Steel	Zn Plated
3	Current carrier	Copper	Sn Plated
2	Screw	Steel	M4\Zn Plated
1	Housing	PA66	UL94V-0

REV	ECN	DESCRIPTION	DRFT	DATE
1				

D C B A

D B A