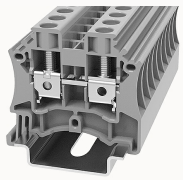
Overview

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

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	0.5~6mm²
Conductor cross section flexible	0.5~6mm²
Conductor cross section flexible (ferrule without plastic sleeve)	0.5-4mm²
Conductor cross section flexible (ferrule with plastic sleeve)	0.5-4mm²
2 flexible conductors with a TWIN ferrule	0.5-2.5mm²
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℃~60℃

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

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	DFAXX-8.2
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