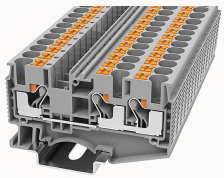
Overview

Product information



DS6-TW-11040000091

Push-in Din-Rail TB, connector method: Push-in connector, Rated voltage : 1000 V,Rated current : 41 A, Number of connectors: 3, 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	40A

Wiring data

Conductor cross section flexible (ferrule without plastic sleeve)	0.5-6mm²

Conductor cross section flexible (ferrule with plastic sleeve)	0.5-6mm²
2 flexible conductors with a TWIN ferrule	0.5-2.5mm²
Strip length	10~12mm
Conductor cross section solid	0.5~10mm²
Conductor cross section flexible	0.5~6mm²
Conductor cross section solid AWG	20~8

Environmental conditions

Ambient temperature (storage / transport)	-25℃~60℃
Ambient temperature (operation)	-40 °C ~ 105 °C（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

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	74.2mm
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	3
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-TW

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	11040000091
Packing unit	50
Minimum order quantity	50
Products weight (without packaging)	20.296