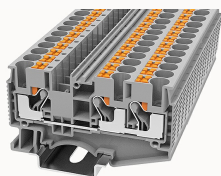


## Overview

## 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 mm<sup>2</sup> - 10 mm<sup>2</sup>, 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)	0.5-6mm <sup>2</sup>
Conductor cross section flexible (ferrule with plastic sleeve)	0.5-6mm <sup>2</sup>
2 flexible conductors with a TWIN ferrule	0.5-2.5mm <sup>2</sup>

Strip length	10~12mm
Conductor cross section solid	0.5~10mm <sup>2</sup>
Conductor cross section flexible	0.5~6mm <sup>2</sup>
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	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