

#### Overview

#### Product information



# DS4-TW-11040000050

Push-in Din-Rail TB, connector method: Push-in connector, Rated voltage: 800 V,Rated current: 32 A, Number of connectors: 3, Number of potentials: 1, Cross section: 0.2 mm<sup>2</sup> - 6 mm<sup>2</sup>, AWG: 24 - 10, Width: 6.2 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

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Produc	t drawing	ı

3D model

## **UL** Electrical parameters

Rated voltage	600V
Rated current	30A

# Wiring data

Conductor cross section flexible (ferrule without plastic sleeve)	0.2-4mm²
Conductor cross section flexible (ferrule with plastic sleeve)	0.2-4mm²
2 flexible conductors with a TWIN ferrule	0.5-1mm²

Strip length	10~12mm
Conductor cross section solid	0.2~6mm²
Conductor cross section flexible	0.2~4mm²
Conductor cross section solid AWG	24~10

# 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)	800V
Rated current (III / 3)	32A
Rated surge voltage	8KV

# Safety test

P	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

Height	29.3mm
NS 35/7,5 Height	36.8mm
End plate width	2.2mm
NS 35/15 Height	44.3mm
length	66.5mm
width	6.2mm

### 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	ZB6 / ZS6
Side marker	ZSF6
Marker support	DTH5-25x5 / DTH5-25x12

### Accessories

Slotted screwdriver size (Blade thickness x Width) mm	0.6x3.5
Bridge	DFBXX-6.2
End cover	D-DS4-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	1104000050	
Packing unit	50	
Minimum order quantity	50	
Products weight (without packaging)	9.754	