Overview

Product information

DS2.5-3L-L/L/PE-11040000142

Three-layer terminal blocks, wiring method: direct insertion connection, rated voltage: 500 V, rated current: 20 A, connection quantity: 6, digit: 3, wiring capacity: 0.2 mm² - 4 mm², AWG: 26 - 12, width: 5.2 mm, color: gray, installation method: NS35/7.5, NS35/15 Three-layer rail terminal, wiring method: direct insertion connection, rated voltage: 500 V, rated current: 20 A, connection quantity: 6, digit: 3, wiring capacity: 0.2 mm² - 4 mm², AWG: 26 - 12, width: 5.2 mm, color: gray, installation method: NS35/7.5, NS35/15

Product advantages

☑Multi-level terminal block.
☑Push-in connection technology, tool-free operation, more convenient and faster;
☑With orange wire button, one word or cross screwdriver can release wire.
☑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

IEC Electrical parameters

Rated current(III/3)	20A

UL Electrical parameters

Rated voltage	300V
Rated current	20A

Wiring data

Conductor cross section flexible (ferrule without plastic sleeve)	0.14-2.5mm²
Conductor cross section flexible (ferrule with plastic sleeve)	0.14-2.5mm²
2 flexible conductors with a TWIN ferrule	0.5mm²
Strip length	10~12mm
Conductor cross section solid	0.14~4mm²
Conductor cross section flexible	0.14~2.5 mm²
Conductor cross section solid AWG	26~12

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)	500V
Rated surge voltage	6KV

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

Height	53.25mm
NS 35/7,5 Height	60.75mm
End plate width	2.2mm
NS 35/15 Height	68.25mm
length	102mm
width	5.2mm

Overview

Insulating material group	I
standard test	IEC60947-7-2
Connection type	In line connection
Number of rows	3
number of connections	6
Open-end side panels	Yes
Insulation Materials	PA
Flame retardant grade, in line with UL 94	V0

Accessories

Marker

Top marker	/
Side marker	ZSF5
Marker support	DMTH5-2 / DMTH5-3

Accessories

Slotted screwdriver size (Blade thickness x Width) mm	0.6x3.5
Bridge	DFBXX-5.2
End cover	D-DS2.5-3L

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	11040000142
Packing unit	50
Minimum order quantity	50
Products weight (without packaging)	23.537