Overview

Product information

DSIO1.5/4-11040000248

Sensor terminals, wiring method: Direct insertion connection, rated voltage: 250 V, rated current: 13.5 A, connection quantity: 5, digit: 1, wiring capacity: 0.14 mm² - 1.5 mm², AWG: 26 - 14, width: 3.5 mm, color: gray, installation method: NS35/7.5, NS35/15

Product advantages

☑Sensor terminal blocks.
☑Push-in connection technology, tool-free operation, more convenient and faster;
☑With 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)	13.5A

UL Electrical parameters

Rated voltage	300V
Rated current	15A

Wiring data

Conductor cross section flexible (ferrule without plastic sleeve)	0.14-1.5mm²

Conductor cross section flexible (ferrule with plastic sleeve)	0.14-0.5mm²
2 flexible conductors with a TWIN ferrule	/
Strip length	8~10mm
Conductor cross section solid	0.14~1.5mm²
Conductor cross section flexible	0.14~1.5 mm²
Conductor cross section solid AWG	26~14

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)	250V
Rated surge voltage	4KV

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	41.5mm
End plate width	2.2mm
NS 35/15 Height	49mm
length	90.9mm
width	3.5mm
Height	34mm

Overview

Insulating material group	I
standard test	IEC60947-7-1
Connection type	In line connection
Number of rows	1
number of connections	5
Open-end side panels	Yes
Insulation Materials	PA
Flame retardant grade, in line with UL 94	V0

Accessories

Marker

Top marker	ZSF3.5
Side marker	ZSF3.5
Marker support	/

Accessories

Slotted screwdriver size (Blade thickness x Width) mm	0.4x2.5

Bridge	DFBXX-3.5
End cover	D-DSIO1.5/4-1

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	11040000248
Packing unit	50
Minimum order quantity	50
Products weight (without packaging)	7.5