

Overview

Product information



PCIK16-11010000121

Screw type Din-Rail TB, connector method: Screw/plug-in connector, Rated voltage: 1000 V, Rated current: 76 A, Number of connectors: 2, Number of potentials: 1, Cross section: 1.0 mm² - 16 mm², AWG: 12 - 4, Width: 12.2 mm, Color: gray, Mounting type: NS 35/7.5, NS 35/15

Product advantages

☑Screw connection technology, reliable connection;

☑Equipped with fixed parts and bridge parts, circuit connection test is more flexible;

☑Copper alloy material, good corrosion resistance;

☑Can be matched with marker strips to avoid incorrect insertion of wires.

Product certification



Technical data

Product drawing

3D model

Overview

Number of rows	1
number of connections	2
Open-end side panels	Yes
Insulation Materials	PA
Flame retardant grade, in line with UL 94	VO
Insulating material group	1
standard test	IEC60947-7-1
Connection method	screw connection

Dimension

width	12.2mm
End plate width	1.6mm
Height	46mm
NS 35/7,5 Height	47.25mm
NS 35/15 Height	54.75mm
length	42.5mm

Wiring data

Strip length	11~12mm
Conductor cross section solid AWG	12~4
Conductor cross section solid	1~16mm²
Conductor cross section flexible	1.0~16mm²
Conductor cross section flexible (ferrule without plastic sleeve)	1-16mm²
Conductor cross section flexible (ferrule with plastic sleeve)	1-16mm²
2 flexible conductors with a TWIN ferrule	0.75-10mm²
Screw type	Slotted screw
screw thread	M5
Tightening torque	2.0N.m

IEC Electrical parameters

Rated voltage (III / 3)	1000V
Rated current (III / 3)	76A
Rated surge voltage	8KV

UL Electrical parameters

Rated voltage	600V

Rated current	85A
Environmental conditions	
Ambient temperature (operation)	-40 °C ~ 105 °C (depending on derating curve)
Relative humidity (storage/transport)	25%~75%
Ambient temperature (storage / transport)	-25℃~60℃
Mechanical performance test	
Mechanical strength	Passed the test
Fixing support	Passed the test
Rotational Pull Test	Passed the test
Electrical performance test	
Voltage drop	≤3.2mV
Temperature rise test	≤45 K
Safety test	
Anti-finger touch	Passed the test
Environmental protection	
RoHS	No excessive harmful substances
REACh SVHC	Lead 7439-92-1

Accessories

Accessories

Slotted screwdriver size (Blade thickness x Width)	1×4
Fixed bridge	FBIXX-12
Insertion bridge	EB2-12 / EB3-12 / EB10-12
End cover	D-PC16-105A(H)
Separating disk	1

Partition plate	1
farker	
Top marker	1
Marker	ZT12
Marker support	1
nstallation	
End clamp	E-WS N / E-PC-1100A
Terminal strip marker support	KLM3-20x8 / KLM3-44x8 / DLM2 / DBE-1 / DBE-2
DIN rail	NS35/7.5 & NS35/15
Marking & Installation	
Marking strip	ZB10
Marker cards	DBE-1
Accessories	
End cover	D-PCIK16
Bridge	FBIXX-12
End clamp	E-WS
DIN rail	NS35/7.5-1000-00A(H)

Business data	
Order number	11010000121
Packing unit	50
Minimum order quantity	50
Products weight (without packaging)	13.953