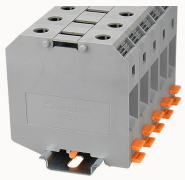
Overview

Product information



PC50-11010000085

Screw type Din-Rail TB, connector method: Screw/plug-in connector, Rated voltage: 1000 V,Rated current: 150 A, Number of connectors: 2, Number of potentials: 1, Cross section: 16 mm² - 50 mm², AWG: 6 - 1/0, Width: 20 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	no
Insulation Materials	PA
Flame retardant grade, in line with UL 94	V0
Insulating material group	I
standard test	IEC60947-7-1
Connection method	screw connection

Dimension

width	20mm
End plate width	/
Height	75.9mm
NS 35/7,5 Height	75.95mm
NS 35/15 Height	83.45mm
length	70.45mm

Wiring data

Strip length	22~23mm
Conductor cross section solid AWG	6~1/0
Conductor cross section solid	16~50mm²
Conductor cross section flexible	16~50mm²
Conductor cross section flexible (ferrule without plastic sleeve)	16-50mm²
Conductor cross section flexible (ferrule with plastic sleeve)	16-50mm²
2 flexible conductors with a TWIN ferrule	10-16mm²
Screw type	Slotted screw
screw thread	M6
Tightening torque	2.5N.m

IEC Electrical parameters

Rated current(III/3)	150A

IEC Electrical parameters

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

UL Electrical parameters

Rated voltage	600V
Rated current	125A

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)	1.2×8
Fixed bridge	FBIXX-20
Insertion bridge	/
End cover	/

Separating disk	/
Partition plate	/

Marker

Top marker	/
Marker	ZT12
Marker support	/

Installation

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 clamp	E-WS
DIN rail	NS35/7.5-1000-00A(H)

Business data

Order number	11010000085
Packing unit	10
Minimum order quantity	10
Products weight (without packaging)	115.365