

Overview

Product information



DC4-HE-LD24-11020000120

Screw type Din-Rail TB, connector method: Screw/plug-in connector, Rated voltage: 24 V, Rated current: 6.3 A, Number of connectors: 2, Number of potentials: 1, Cross section: 0.5 mm² - 4mm², AWG: 22 - 10, Width: 8 mm, Fuse type: Glass/ceramic/..., Fuse type: G / 5 x 20, Color: black, Suitable for 24 V DC LED, Mounting type: NS 35/7.5, NS 35/15.

Product advantages

- ☒ Fuse terminal blocks;
- ☒ Steel screw connection technology, reliable connection;
- ☒ The box has a baffle to prevent mis-insertion;
- ☒ 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	V0
Insulating material group	I
standard test	IEC60947-7-3

fuse	G/5 x 20
Fuse type	Glass/ceramic/...
Connection method	screw connection

Dimension

width	8mm
End plate width	1.5mm
Height	46.5mm
NS 35/7,5 Height	48mm
NS 35/15 Height	55.5mm
length	58mm

Wiring data

Strip length	8~9mm
Conductor cross section solid AWG	22~10
Conductor cross section solid	0.5~6mm ²
Conductor cross section flexible	0.5~4mm ²
Conductor cross section flexible (ferrule without plastic sleeve)	0.5~4mm ²
Conductor cross section flexible (ferrule with plastic sleeve)	0.5~2.5mm ²
2 flexible conductors with a TWIN ferrule	0.5~1.5mm ²
Screw type	Slotted screw
screw thread	M3
Tightening torque	0.6N.m

IEC Electrical parameters

Rated voltage(III/3)	24V
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IEC Electrical parameters

Rated current (III / 3)	6.3A
Rated surge voltage	6KV

UL Electrical parameters

Rated voltage	/
Rated current	/

Environmental conditions

Ambient temperature (operation)	-40 °C ~ 105 °C (depending on derating curve)
Relative humidity (storage/transport)	25%~75%
Ambient temperature (storage / transport)	-25°C~60°C

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
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Environmental protection

RoHS	No excessive harmful substances
REACH SVHC	Lead 7439-92-1

Accessories

Marker

Top marker	/
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Side marker	ZB8
Marker support	/

Accessories

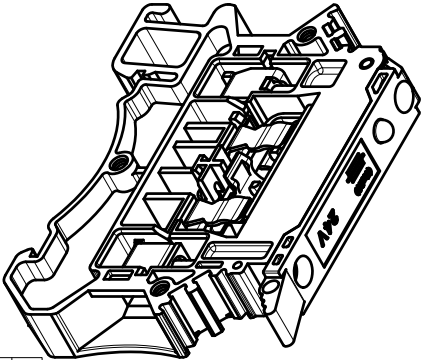
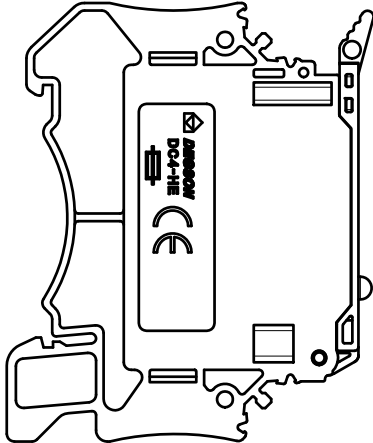
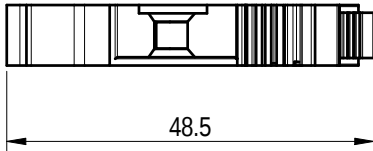
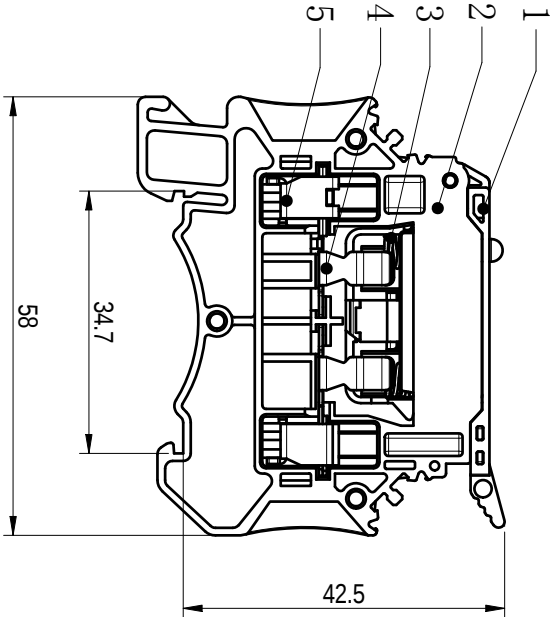
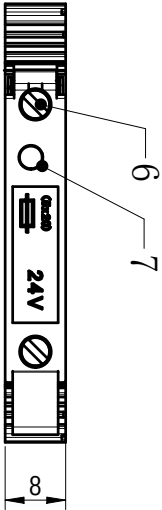
Slotted screwdriver size (Blade thickness x Width)	0.6×3.5
Bridge	EBC2-8 / EBC3-8 / EBC10-8
End cover	D-DC4-HE
Partition plate	/

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

Business data

Order number	11020000120
Packing unit	50
Minimum order quantity	50
Products weight (without packaging)	12.36



公差/General tolerances (mm)													0.1/10
0	>3	>6	>10	>18	>30	>50	>80	>120	>180	>250	>315	>400	0.1/10
3	~6	~10	~18	~30	~50	~80	~120	~180	~250	~315	~400	~500	0.1/10
±0.12 ±0.18 ±0.22 ±0.26 ±0.31 ±0.37 ±0.57 ±0.80 ±0.93 ±1.05 ±1.15 ±1.60 ±2.20 ±2.50													±2°

UL 标准/UL Standard:	B	C	D
额定电压/Rated Voltage(V)/Current(A)	/	/	/

IEC 标准/IEC Standard:	/	/	/
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过压类别/Overvoltage Category/污染等级/Pollution Degree	II/3	III/2	II/2
额定电压/电压/Rated Voltage(V)/Current(A)	24/6.3	/	/
额定脉冲电压(KV)/Rate Impulse Voltage (KV)	/	/	/
螺丝扭矩/Torque Tightening(N·m/Lb.in)	M3, 0.5/4.43		
线径范围(硬线和软线)/Wire Range(rigid and flexible)(AWG/mm²)	20~10/0.5~4.6 (Sn)		
间距/Pitch(mm)/线数范围/Poles	8.0/0/P		
剥线长度/Stripping length(mm)	9		
使用温度范围/Operating temperature(°C)	-40~+105		
符合RoHS环保要求/Conform to RoHS	Yes		

A

B

C

D

ITEM	NAME OF PART	MATERIAL.	NOTES
7	LED lamp assembly	/	/
6	Screw	Steel	Zn plated
5	Cage	Steel	Zn plated
4	Clamp	Copper	Sn plated
3	Spring	Stainless steel	/
2	Body housing	P A66	UL94V-0
1	Fuse housing	PA66	UL94V-0

MATERIAL: /	SURFACE/COLOR: /
MAT NO./REV: /	MAT STATUS: /

APPD: Peng M	2022.08.20	NAME	DC4-HE-LD24-01P-1Y-00A (H)
CHND: Gao WG	2022.08.20	DRAWING NO.	TYPE CUSTOMER DRAWING
DRAFT: Huang RJ	2022.08.20	DRAWING STATUS	SCALE 1:1
A4	(inch)	SHEET	1/1