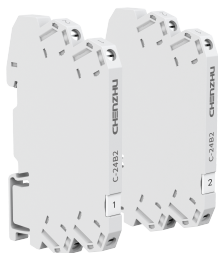


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C-24B2 SPD for Signal (24V; 2 wires; In=10kA) 7063821

SPD for 24V signal; 2 wires; AI、AO、DI、DO; C2: 20kV/10kA/line; grounding via the rail directly.



Voltage: 24V

wire: 2

Nominal discharge current In: 10kA

Connection: Screw connection

产品参数

Product Features

Features	24V; 10kA; Two Wire
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Protections

Protected Objects/Systems	AI;AO;DI;DO
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Dimensions

Depth	54.5mm
Width	6.0mm
Height	82.0mm

Housing

Colors	Grey
Flame Retardant Grade	V0
Protection Level	IP20
Material	PA66
Brand	Dinkle

Basic Parameter

Response Time	1ns
Resistance per Wire	1ohm
Bandwidth	40MHz (-0.5dB)
Leakage Current	< 1uA
Maximun continuous operating voltage Uc	32 VDC
Nominal operating voltage Un	24 VDC
Nominal Operating Current IL	800mA

Security Data (Lightning Protection)

Voltage Protection Level Up (8/20us)	60V (Line to Line) /600V (Line to Ground)
Impulse Current Iimp (10/350us)	2.5kA
Maximum Discharge Current Imax (8/20us)	20kA
Nominal Discharge Current In (8/20us)	10kA

Safety Characteristic Parameter (SIL)

Safety Integrity Level (SIL)	SIL3
Safe Failure Fraction (SFF)	90.75%
λ_{DD}	1.68E-08
λ_{DU}	1.71E-09
λ_{SD}	0.00E+00
λ_{SU}	5.37E-08

Product Approvals

Certification	Lightning Protection Certification;Functional Safety Certification;CE Certification
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Certification

Lightning Protection Certification	Shanghai Lightning Protection Products Test Center
Functional Safety	SIL3

Standards

Names	GB/T 18802.21 IEC 61643-21
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Ambient Requirements

Maximum Altitude	2000m
Applicable Location	Cabinet
Permissible Humidity (Operation)	10%—90%
Ambient Temperature (Storage)	-40—85°C
Ambient Temperature (Operation)	-40—70°C

Connection Parameters

Maximum Tightening Torque	0.4Nm
Connection Method	Terminal Connection
Stripping Length	8mm

Conductor Cross Section Flexible	0.2—2.5mm ²
Conductor Cross Section Solid	0.2—4mm ²

Mounting

Mounting Method	35mm Lead Rail
Interface	Screw
Mounting Position	Cabinet

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