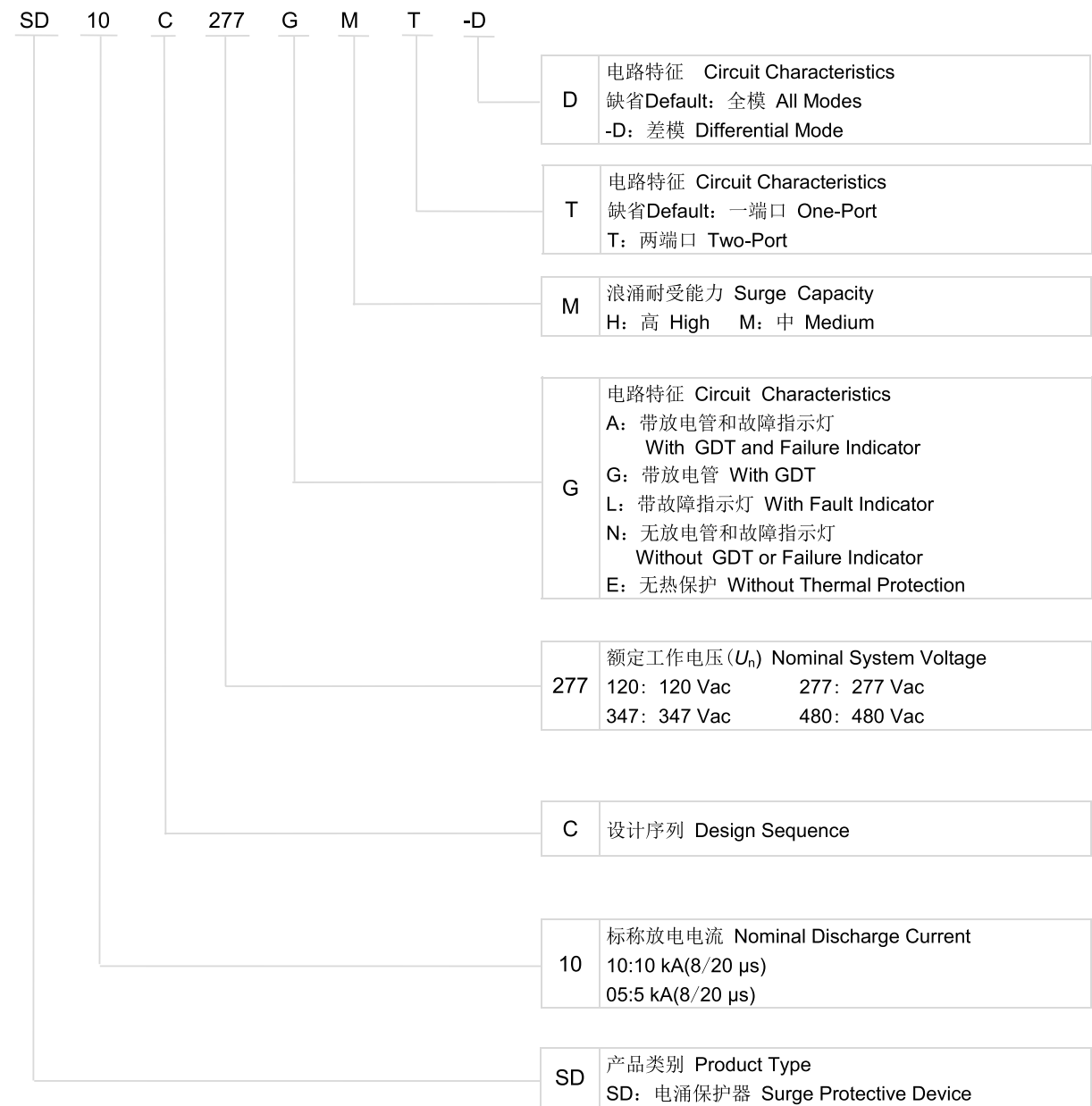
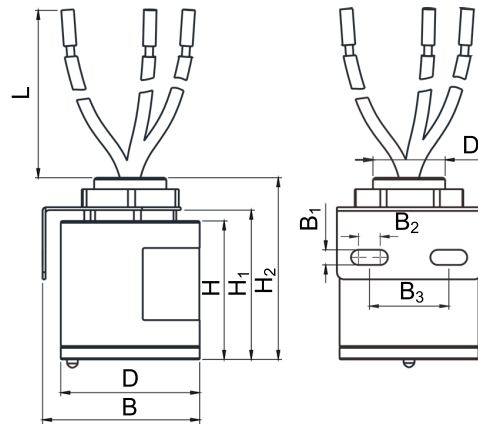


型号说明 Part Number System





尺寸 Dimensions (mm)

L ^a	H	H ₁	H ₂	D	D ₁	B	B ₁	B ₂	B ₃
150.0±5.0	38.0±1.0	41.0±1.0	50.0±1.0	Φ38.0±1.0	M20 × 1.5	43.5±1.0	4.2±0.1	6.0±0.1	22.0±0.2

^a: 长度L可按客户要求进行定制。

The lead length "L" can be customized as required.

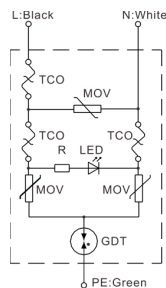
关键特性 Key Features

- IP66
- 具有差模、共模保护功能
Differential and Common Mode Protections
- 一端口、两端口可选
One-port and Two-port Optional
- 失效指示可选
Failure Indication Optional
- 两端口SPD在开路失效时可断开主电路
Two-port SPD Can Disconnect The Main Line
When Open-circuit Failure Happens

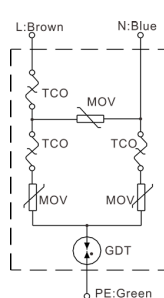
应用领域 Applications

- 户外照明供电系统
Power System of Outdoor Lighting
- 监控的供电系统
Power System of Monitoring
- 空调供电系统
Power System of Air Conditioning
- 机房供电系统
Power System of Computer Room
- 通讯设备供电系统
Power System of Telecom
- 电动汽车供电系统
Power System of EV

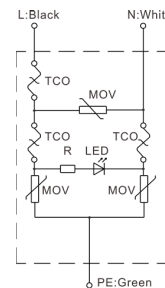
电路原理 Schematics



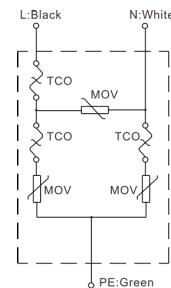
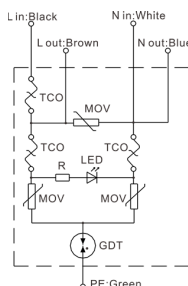
SD10CxxxAx Series
Fig.20



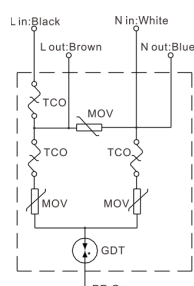
SD10CxxxGx Series
Fig.21



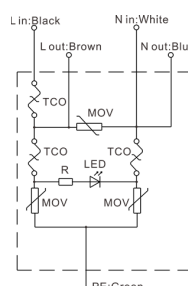
SD10CxxxLx Series
Fig.22

SD10CxxxNx Series
Fig.23

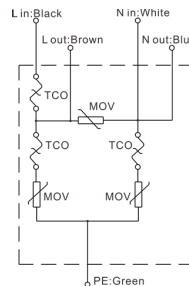
SD10CxxxAxT Series
Fig.24



SD10CxxxGxT Series
Fig.25



SD10CxxxLxTSeries
Fig.26

SD10CxxxNxT Series
Fig.27

技术参数 Specifications

型号 Model	最大连续 工作电压 Max. Continuous Operating Voltage	标称放电 电流 Nominal Discharge Current (8/20 μs)	最大放电 电流 Max. Discharge Current (8/20 μs)	电压保护 等级 Voltage Protection Rating	电压保护 水平 Voltage Protection Level	额定电流 ^a Rated Current	响应时间 Response Time	外部过流 保护 ^b External Overcurrent Protection	产品 原理图 Product Schematic
	U_c	I_n	I_{max}	VPR	U_p	I_r			
	(Vac)	(kA)	(kA)	(V)	(V)	(A)			
SD10C120A*	150	10	15 / 25	800	1400	-	<100	32	Fig. 20
SD10C277A*	320	10	15 / 25	1300	2000	-	<100	32	Fig. 20
SD10C347A*	420	10	15 / 25	1500	2200	-	<100	32	Fig. 20
SD10C480A*	550	10	15 / 20	1800	3000	-	<100	20	Fig. 20
SD10C120G*	150	10	15 / 25	800	1400	-	<100	32	Fig. 21
SD10C277G*	320	10	15 / 25	1300	2000	-	<100	32	Fig. 21
SD10C347G*	420	10	15 / 25	1500	2200	-	<100	32	Fig. 21
SD10C480G*	550	10	15 / 20	1800	3000	-	<100	20	Fig. 21
SD10C120L*	150	10	15 / 25	600	1200	-	<25	32	Fig. 22
SD10C277L*	320	10	15 / 25	1150	1600	-	<25	32	Fig. 22
SD10C347L*	420	10	15 / 25	1350	2000	-	<25	32	Fig. 22
SD10C480L*	550	10	15 / 20	1600	2500	-	<25	20	Fig. 22
SD10C120N*	150	10	15 / 25	600	1200	-	<25	32	Fig. 23
SD10C277N*	320	10	15 / 25	1150	1600	-	<25	32	Fig. 23
SD10C347N*	420	10	15 / 25	1350	2000	-	<25	32	Fig. 23
SD10C480N*	550	10	15 / 20	1600	2500	-	<25	20	Fig. 23
SD10C120A*T	150	10	15 / 25	800	1400	15	<100	32	Fig. 24
SD10C277A*T	320	10	15 / 25	1300	2000	15	<100	32	Fig. 24
SD10C347A*T	420	10	15 / 25	1500	2200	15	<100	32	Fig. 24
SD10C480A*T	550	10	15 / 20	1800	3000	15	<100	20	Fig. 24
SD10C120G*T	150	10	15 / 25	800	1400	15	<100	32	Fig. 25
SD10C277G*T	320	10	15 / 25	1300	2000	15	<100	32	Fig. 25
SD10C347G*T	420	10	15 / 25	1500	2200	15	<100	32	Fig. 25
SD10C480G*T	550	10	15 / 20	1800	3000	15	<100	20	Fig. 25
SD10C120L*T	150	10	15 / 25	600	1200	15	<25	32	Fig. 26
SD10C277L*T	320	10	15 / 25	1150	1600	15	<25	32	Fig. 26
SD10C347L*T	420	10	15 / 25	1350	2000	15	<25	32	Fig. 26
SD10C480L*T	550	10	15 / 20	1600	2500	15	<25	20	Fig. 26
SD10C120N*T	150	10	15 / 25	600	1200	15	<25	32	Fig. 27
SD10C277N*T	320	10	15 / 25	1150	1600	15	<25	32	Fig. 27
SD10C347N*T	420	10	15 / 25	1350	2000	15	<25	32	Fig. 27
SD10C480N*T	550	10	15 / 20	1600	2500	15	<25	20	Fig. 27

^a: 额定电流为热熔断丝额定电流 Rated Current for the Thermal Fuse .^b: 推荐外部过流保护装置C型曲线断路器（单独设置或主回路中）。

Recommended External Curve C Circuit Breaker (Individually Set or Main Circuit).

*: M或H Maybe M or H.






执行标准 Designed to Standards

- UL 1449 Fourth Edition
- EN / IEC 61643-11
- IEEE C62.41.2

认证信息 Agency Information

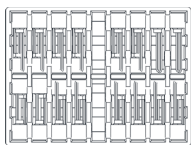
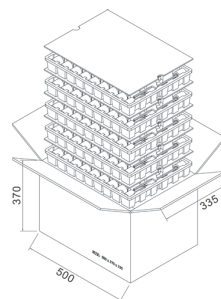
- UL / CUL E322662
- UL-EU UL-EU-00647
- CE: 3183404.01AOC, 3183404.02AOC
- CB: NL-41003, NL-41004, NL-41005, NL-41006

辅助功能 Auxiliary Function

型号 Model	失效指示 Fault Indicator	放电管 GDT	一端口 One-Port	两端口 Two-Port	安规认证 Agency Approvals			
						 		
SD10C120A*	●	●	●		●	●	●	
SD10C277A*	●	●	●		●	●	●	●
SD10C347A*	●	●	●		●	●	●	
SD10C480A*	●	●	●		●			
SD10C120G*		●	●		●			
SD10C277G*		●	●		●			
SD10C347G*		●	●		●			
SD10C480G*		●	●		●			
SD10C120L*	●		●		●	●	●	
SD10C277L*	●		●		●	●	●	●
SD10C347L*	●		●		●	●	●	
SD10C480L*	●		●		●			
SD10C120N*			●		●			
SD10C277N*			●		●			
SD10C347N*			●		●			
SD10C480N*			●		●			
SD10C120A*T	●	●		●	●	●	●	
SD10C277A*T	●	●		●	●	●	●	●
SD10C347A*T	●	●		●	●	●	●	
SD10C480A*T	●	●		●	●			
SD10C120G*T		●		●	●			
SD10C277G*T		●		●	●			
SD10C347G*T		●		●	●			
SD10C480G*T		●		●	●			
SD10C120L*T	●			●	●	●	●	
SD10C277L*T	●			●	●	●	●	●
SD10C347L*T	●			●	●	●	●	
SD10C480L*T	●			●	●			
SD10C120N*T				●	●			
SD10C277N*T				●	●			
SD10C347N*T				●	●			
SD10C480N*T				●	●			

*: M或H Maybe M or H.

包装信息 Packaging Information

每个吸塑盘产品数量
Each Pulp Tray: 32 PCS每箱吸塑盘数量
Each Carton: 5 Blister Plates

- 单位 Unit:mm;
- 每箱具体数量请以规格书为准。
Please refer to the specifications for the packaging details.