

SPD Part Numbering System

Surge Protection Device (SPD)

Application: SPDs For Low-voltage Power Systems

Code	①	②	③	④	⑤	⑥	⑦	⑧	⑨
PN	XX	XX	XX	XXX	X	X	XX	XX	-XX
e.g.	<u>SD</u>	<u>20</u>	<u>RF</u>	<u>385</u>	<u>A</u>	<u>4</u>	<u>04</u>		

Default: With Remote Signal

Default: AC SPD

Wire Connection: 3+1

Characteristic Code: 4 Protection Modules

Circuit Characteristic : Three-phase System:3+1

Max Continuous Operating Voltage: 385 V

Design Sequence: RF

Nominal Discharge Current: 20 kA

Product Category: SPD

Code	Code Description	Field	Field Description
①	Product Category	SD	SPD
		SB	Box-type SPD
		SP	On-board SPD
②	Nominal Discharge Current	05	5 kA
		10	10 kA
		15	15 kA
		20	20 kA
		25	25 kA
		30	30 kA
		40	40 kA
		50	50 kA
		60	60 kA
		80	80 kA
		100	100 kA

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Code	Code Description	Field	Field Description
③	Design Sequence	S	DIN Rail Installation, Integrated Design
		R	DIN Rail Installation, Integrated Base, Plug-in Module
		RF	DIN Rail Installation, Integrated Base, Plug-in Module, Built-in Fuse
		B	DIN Rail Installation, Integrated Base, Plug-in Module, Multi-layer Graphite Gap
		T	DIN Rail Installation, Integrated Base, Plug-in Module, The plug-in module can be locked with a locking mechanism.
		TS	DIN Rail Installation, Integrated Base, Plug-in Module, Double-piece Series Structure,
④	Max Continuous Operating Voltage	150	150 VAC
		175	175 VAC
		275	275 VAC
		320	320 VAC
		335	335 VAC
		385	385 VAC
		440	440 VAC
		510	510 VAC
		550	550 VAC
		680	680 VAC
		690	690 VAC
		750	750 VAC
		760	760 VAC
		880	880 VAC
		1300	1300 VAC
		24	24 VDC
		100	100 VDC
		200	200 VDC
		240	240 VDC
		300	300 VDC
		400	400 VDC
		500	500 VDC
		600	600 VDC

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Code	Code Description	Field	Field Description
④	Max Continuous Operating Voltage	800	800 VDC
		800	900 VDC
		1000	1000 VDC
		1200	1200 VDC
		1500	1500 VDC
⑤	Circuit Characteristic	A	Three-phase System:3+1, Single-phase System:1+1
		B	Double-pole, Three-phase System:3+1, Single-phase System:1+1
		D	Multi-layer Graphite Gap
		F	Three-phase System:3+1, N-PE mode without trip structure.
		L	Three-phase System:4+0, Single-phase System:2+0
⑥	Characteristic Code	1	1 Protection Module
		2	2 Protection Modules
		3	3 Protection Modules
		4	4 Protection Modules
⑦	Wire Connection	00	Single Protection Mode
		01	Phase Separation System:2W+G
		02	Phase Separation System:3W+G
		03	Single-phase System:1+1
		04	Three-phase System:3+1
		05	Single-phase System:2+0, Three-phase System:4+0
		06	Three-phase System:3+0
		11	Photovoltaic System:U-type Wiring
		12	Photovoltaic System:Y-type Wiring
		13	Photovoltaic System:L-type Wiring
		14	Photovoltaic System:Δ-type Wiring
		15	Single-phase System:Full-mode Protection
		16	Three-phase System:3+1, N-PE mode without trip structure.
⑧	Specific Function	PV	SPDs For Photovoltaic Installations, SPDs For DC Low-voltage Power Systems
		T	Two-port SPD
		L	Two-port SPD with an inductance
⑨	Other Options	Default	With Remote Signal
		-NR	Without Remote Signal