



SURGE PROTECTION

- AC Surge, DC Surge
- POE surge protection
- CCTV Surge Protection
- RJ11 Surge Protector

AC D Class Power Surge Protector



SP-PD20-275/2

PROPERTIES

- Uc: 50/60Hz 275V
- In: 10kA
- Imax: 20kA
- Up: 1200V
- Protection mode: L/N-PE



SP-PD20-275/4

PROPERTIES

- Uc: 50/60Hz 275V
- In: 10kA
- Imax: 20kA
- Up: 1200V
- Protection mode: L1/L2/L3/N-PE

AC C Class Power Surge Protector



SP-PC40-385/2

PROPERTIES

- Uc: 50/60Hz 385V
- In: 20kA
- Imax: 40kA
- Up: 1700V
- Protection mode: L/N-PE



SP-PC40-385/4

PROPERTIES

- Uc: 50/60Hz 385V
- In: 20kA
- Imax: 40kA
- Up: 1700V
- Protection mode: L1/L2/L3/N-PE

AC B Class Power Surge Protector



SP-PB100-385/2

PROPERTIES

- Uc: 50/60Hz 385V
- In: 50kA
- Imax: 100kA
- Up: 2800V
- Protection mode: L/N-PE



SP-PB100-385/4

PROPERTIES

- Uc: 50/60Hz 385V
- In: 50kA
- Imax: 100kA
- Up: 2800V
- Protection mode: L1/L2/L3/N-PE

DC power surge protector



SP-PC40-85DC

PROPERTIES

- Uc: 85VDC
- In: 15kA
- Imax 40kA
- Up: 500V
- Protection mode: +/-PE



SP-PC40-600DC

PROPERTIES

- Uc: 600VDC
- In: 20kA
- Imax 40kA
- Up: 1800V
- Protection mode: +/-PE



SP-PC40-1000DC

PROPERTIES

- Uc: 1000VDC
- In: 20kA
- Imax 40kA
- Up: 3500V
- Protection mode: +/-PE



SP-PD20-48/DC

PROPERTIES

- Uc: 48VDC
- In: 10kA
- Imax 20kA
- Up: 400V
- Protection mode: +/-PE



SP-PD10-275DC

PROPERTIES

- Uc: 275VDC
- In: 5kA
- Imax 10kA
- Up: 400V
- Protection mode: +/-PE

Ordering Table

PRODUCT	PART NUMBER	DESCRIPTION	PRICE
AC D Class(Single Phase)	SP-PD20-275/2	50/60Hz 275V In: 10kA Imax: 20kA Up: 1200V Protection mode: L/N-PE	1,200.00
(Three Phase)	SP-PD20-275/4	50/60Hz 275V In: 10kA Imax: 20kA Up: 1200V Protection mode: L1/L2/L3/N-PE	2,500.00
AC C Class(Single Phase)	SP-PC40-385/2	50/60Hz 385V In: 20kA Imax: 40kA Up: 1700V Protection mode: L/N-PE	1,500.00
(Three Phase)	SP-PC40-385/4	50/60Hz 385V In: 20kA Imax: 40kA Up: 1700V Protection mode: L1/L2/L3/N-PE	3,000.00
AC B Class(Single Phase)	SP-PB100-385/2	50/60Hz 385V In: 50kA Imax: 100kA Up: 2800V Protection mode: L/N-PE	5,500.00
(Three Phase)	SP-PB100-385/4	50/60Hz 385V In: 50kA Imax: 100kA Up: 2800V Protection mode: L1/L2/L3/N-PE	10,000.00
DC power surge protector	SP-PC40-85DC	85VDC In: 15kA Imax 40kA Up: 500V Protection mode: +/-PE	1,400.00
	SP-PC40-600DC	600VDC In: 20kA Imax 40kA Up: 1800V Protection mode: +/-PE	1,400.00
	SP-PC40-1000DC	1000VDC In: 20kA Imax 40kA Up: 3500V Protection mode: +/-PE	2,000.00
	SP-PD20-48/DC	48VDC In: 10kA Imax 20kA Up: 400V Protection mode: +/-PE	1,200.00
	SP-PD10-275DC	275VDC In: 5kA Imax 10kA Up: 400V Protection mode: +/-PE	1,200.00

Coaxial Video surge protectors



SP-SV-BNC

PROPERTIES

- BNC Connector
- Uc: 12V
- Imax: 5kA



SP-SV-BNC/16

PROPERTIES

- BNC Connector
- Uc: 12V
- Imax: 5kA

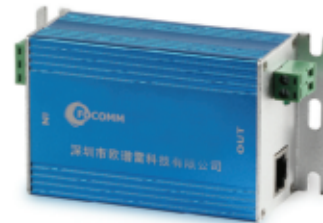
Camera surge protectors



SP-SN-2

PROPERTIES

- 100Mbps
- Network and power lines 2 in 1 protection
- Imax:10kA
- Uc: 12/24/220 V



SP-SHN-2

PROPERTIES

- 1000Mbps
- Network and power lines 2 in 1 protection
- Imax:10kA
- Uc: 12/24/220 V

HD-SDI Surge Protection



SV-SDI

PROPERTIES

- SDI Connector
- Uc: 12V
- Imax: 5kA
- 1.485Gbps



SP-OP-SV2/SDI

PROPERTIES

- HD-SDI video and power lines 2 in 1 protection
- Uc: Power 275V
- Signal 12V 1.485Gbps



SP-OP-SV3/SDI

PROPERTIES

- HD-SDI video, control, and power lines 3 in 1 protection
- Uc: Power 275V
- Signal 12V 1.485Gbps

Ordering Table

PRODUCT	PART NUMBER	DESCRIPTION	PRICE
Coaxial Video surge protectors	SP-SV-BNC	BNC Connector Uc: 12V Imax: 5kA	1,200.00
	SP-SV-BNC/16	16 Ports BNC Connector Uc: 12V Imax: 5kA 19 in rack mont	16,000.00
Camera surge protectors	SP-SN-2	100Mbps Network and power lines 2 in 1 protection Imax:10kA Uc: 12/24/220 V	1,700.00
	SP-SHN-2	1000Mbps Network and power lines 2 in 1 protection Imax:10kA Uc: 12/24/220 V	2,000.00
HD-SDI Surge Protection	SP-SV-SDI	SDI Connector Uc: 12V Imax: 5kA 1.485Gbps	2,400.00
	SP-OP-SV2/SDI	HD-SDI video and power lines 2 in 1 protection Uc: Power 275V Signal 12V 1.485Gbps	2,800.00
	SP-OP-SV3/SDI	HD-SDI video, control, and power lines 3 in 1 protection Uc: Power 275V Signal 12V 1.485Gbps	3,200.00

Control line Surge Protector



SP-PUC-12

PROPERTIES

- V.1, X.27, RS485, RS422
- I_{max}: 5kA
- 10Mbps 4 lines



SP-PUC-24-2

PROPERTIES

- V.1, X.27, RS485, RS422
- I_{max}: 5kA
- 10Mbps



SP-PUC-48-2

PROPERTIES

- V.1, X.27, RS485, RS422
- I_{max}: 5kA
- 10Mbps

Signal/Data Line SPD



SP-SNH-RJ45

PROPERTIES

- CAT5, CAT5e, CAT6
- 1000Mbps RJ45
- U_c: 5V
- I_{max}: 5kA



SP-SNH-RJ45/24

PROPERTIES

- CAT5, CAT5e CAT6
- 1000M RJ45 24ports
- U_c: 5V
- I_{max}: 5kA

POE surge protection



SP-SNH-RJ45/POE

PROPERTIES

- CAT5e, CAT5, CAT6
- U_c: 60V
- I_{max}: 5kA
- Protection line 1/2,3/6
- 1000Mbps



SP-SNH-RJ45/POE/16

PROPERTIES

- U_c: 60V I_{max}: 10kA
- Protection line 1-8
- U_c: 5V I_{max}: 6kA
- Protection line 1-8
- 1000Mbps



SP-SNH-RJ45/POE-OD

PROPERTIES

- IP65 Waterproof
- U_c: 60V
- I_{max}: 5kA
- Protection line 1/2,3/6
- 100Mbps

Ordering Table

PRODUCT	PART NUMBER	DESCRIPTION	PRICE
Control line Surge Protector	SP-PUC-12	V.1, X.27, RS485, RS422 I _{max} : 5kA 10Mbps 4 lines	1,500.00
	SP-PUC-24-2	V.1, X.27, RS485, RS422 I _{max} : 5kA 10Mbps 2 lines, DIN Rail	1,600.00
	SP-PUC-48-2	V.1, X.27, RS485, RS422 I _{max} : 5kA 10Mbps 2 lines, hot-plugging	1,600.00
Signal/Data Line SPD	SP-SNH-RJ45	CAT5, CAT5e, CAT6 1000Mbps RJ45 U _c : 5V I _{max} : 5kA Protection line 1-8	1,600.00
	SP-SNH-RJ45/24	CAT5, CAT5e CAT6 1000M RJ45 24ports U _c : 5V I _{max} : 5kA Protection line 1-8	28,000.00
POE Surge Protectors	SP-SNH-RJ45/POE	CAT5e, CAT6 U _c : 60V I _{max} : 5kA Protection line 1/2,3/6 1000Mbps	1,800.00
	SP-SNH-RJ45/POE/16	16 ports CAT5e and CAT5 CAT6 Power Parameter: U _c : 60V I _{max} : 10kA Protection line 1-8 Ethernet Parameter: U _c : 5V I _{max} : 6kA Protection line 1-8 1000Mbps	24,000.00
	SP-SNH-RJ45/POE-OD	IP65 Waterproof CAT5E, CAT6 U _c : 60V I _{max} : 5kA Protection line 1/2,3/6 1000Mbps	2,500.00