SURGE PROTECTOR PRODUCT

AC D Class (Three Phase) Power Surge Protection



FEATURES

- Thermal disconnect device
- High current capacity, quick response
- Low residual voltage, free of leakage current
- Remote warning
- 40kA maximum surge current
- 50/60Hz 275V, Protection mode: L1/L2/L3/N-PE
- Easy installation with Din rail mounting
- Status indicators visually verify protection level
- Plug connectors for quick and easy connection or rewiring

APPLICATIONS

- Protection of C class AC Power System
- Protection of power distribution system
- Protection of terminal devices
- Sensitive electronic equipment
- Telecom centers
- Automatic control centers
- Intelligent buildings
- Industrial enterprises
- Medical institutes
- CCTV, Solar Cell



SPECIFICATIONS

Nominal operating voltage Un220/270VACMaximum continuous operating voltage Uc275VACNominal discharge current In (8/20µs)10KAMaximum discharge current Imax (8/20µs)20KAProtection level Up (8/20µs,20KA)≤1.2KVResponse time Ta≤25nsProtection modes4:1.1/L2/L3/N-PE 3+N:L1/L2/L3-N,N-PE 2:L/N-PE 1+N:L-N,N-PEFront circuit breaker63ADimension90°36°65mmWeight250-1200gMounting typeDIN rail : 35mmHousing materialAnti-flamingIndex of protectionIP20Operating environmentTemperature:-40-+85°C humidity: ≤95%Remote control (optional)Normally closed, normally open or COMwarrantyFive-year warranty, three-year replacemenStandards ComplianceIEC 61312-1, IEC 61312-3 (pending), IEC 61024-1, IEC 61000-4-5, IEC 61643-1-1 , IEC 61643-1-2 (pending), IEC 62066 (pending), IEC 61643-2-1 (pending)	Model	SP-PD20-275/4
Nominal discharge current In (8/20µs) Maximum discharge current Imax (8/20µs) Protection level Up (8/20µs,20KA) Response time Ta ≤25ns Protection modes 4:L1/L2/L3/N-PE 3+N:L1/L2/L3-N,N-PE 2:L/N-PE 1+N:L-N,N-PE Front circuit breaker 63A Dimension 90*36*65mm Weight 250-1200g Mounting type DIN rail: 35mm Housing material Index of protection IP20 Operating environment Remote control (optional) warranty Five-year warranty, three-year replacemen Standards Compliance IEC 61312-1, IEC 61312-3 (pending), IEC 610643-2-1 (pending)	Nominal operating voltage Un	220/270VAC
Maximum discharge current Imax (8/20μs)20KAProtection level Up (8/20μs,20KA)≤1.2KVResponse time Ta≤25nsProtection modes4:L1/L2/L3/N-PE 3+N:L1/L2/L3-N,N-PE 2:L/N-PE 1+N:L-N,N-PEFront circuit breaker63ADimension90*36*65mmWeight250-1200gMounting typeDIN rail : 35mmHousing materialAnti-flamingIndex of protectionIP20Operating environmentTemperature:-40-+85°C humidity: ≤95%Remote control (optional)Normally closed, normally open or COMwarrantyFive-year warranty, three-year replacemenStandards ComplianceIEC 61312-1, IEC 61312-3 (pending), IEC 61024-1, IEC 61000-4-5, IEC 61643-1-1 , IEC 61643-1-2 (pending), IEC 62066 (pending), IEC 61643-2-1 (pending)	Maximum continuous operating voltage Uc	275VAC
Protection level Up (8/20µs,20KA) ≤1.2KV Response time Ta ≤25ns Protection modes 4:L1/L2/L3/N-PE 3+N:L1/L2/L3-N,N-PE 2:L/N-PE 1+N:L-N,N-PE Front circuit breaker 63A Dimension 90*36*65mm Weight 250-1200g Mounting type DIN rail : 35mm Housing material Anti-flaming Index of protection IP20 Operating environment Temperature:-40-+85°C humidity: ≤95% Remote control (optional) Normally closed, normally open or COM warranty Five-year warranty, three-year replacemen Standards Compliance IEC 61312-1, IEC 61312-3 (pending), IEC 61004-1, IEC 61000-4-5, IEC 61643-1-1 , IEC 61643-1-2 (pending), IEC 62066 (pending), IEC 61643-2-1 (pending)	Nominal discharge current In (8/20µs)	10KA
Response time Ta ≤25ns Protection modes 4:L1/L2/L3/N-PE 3+N:L1/L2/L3-N,N-PE 2:L/N-PE 1+N:L-N,N-PE Front circuit breaker 63A Dimension 90*36*65mm Weight 250-1200g Mounting type DIN rail : 35mm Housing material Anti-flaming Index of protection IP20 Operating environment Temperature:-40-+85°C humidity: ≤95% Remote control (optional) Normally closed, normally open or COM warranty Five-year warranty, three-year replacemen Standards Compliance IEC 61312-1, IEC 61312-3 (pending), IEC 61004-1, IEC 61000-4-5, IEC 61643-1-1 , IEC 61643-1-2 (pending), IEC 62066 (pending), IEC 61643-2-1 (pending)	Maximum discharge current Imax (8/20µs)	20KA
Protection modes 4:L1/L2/L3/N-PE 3+N:L1/L2/L3-N,N-PE 2:L/N-PE 1+N:L-N,N-PE Front circuit breaker 63A Dimension 90*36*65mm Weight 250-1200g Mounting type DIN rail : 35mm Housing material Anti-flaming Index of protection IP20 Operating environment Temperature:-40-+85°C humidity: ≤95% Remote control (optional) Normally closed, normally open or COM warranty Five-year warranty, three-year replacemen Standards Compliance IEC 61312-1, IEC 61312-3 (pending), IEC 61024-1, IEC 61000-4-5, IEC 61643-1-1 , IEC 61643-1-2 (pending), IEC 62066 (pending), IEC 61643-2-1 (pending)	Protection level Up (8/20µs,20KA)	≤1.2KV
Front circuit breaker Dimension 90*36*65mm Weight 250-1200g Mounting type DIN rail: 35mm Housing material Anti-flaming Index of protection IP20 Operating environment Temperature:-40-+85°C humidity: ≤95% Remote control (optional) Normally closed, normally open or COM warranty Five-year warranty, three-year replacemen Standards Compliance IEC 61312-1, IEC 61312-3 (pending), IEC 61024-1, IEC 61000-4-5, IEC 61643-1-1 , IEC 61643-1-2 (pending), IEC 62066 (pending), IEC 61643-2-1 (pending)	Response time Ta	≤25ns
Dimension90*36*65mmWeight250-1200gMounting typeDIN rail : 35mmHousing materialAnti-flamingIndex of protectionIP20Operating environmentTemperature:-40-+85°C humidity: ≤95%Remote control (optional)Normally closed, normally open or COMwarrantyFive-year warranty, three-year replacemenStandards ComplianceIEC 61312-1, IEC 61312-3 (pending), IEC 61024-1, IEC 61000-4-5, IEC 61643-1-1 , IEC 61643-1-2 (pending), IEC 62066 (pending), IEC 61643-2-1 (pending)	Protection modes	4:L1/L2/L3/N-PE 3+N:L1/L2/L3-N,N-PE 2:L/N-PE 1+N:L-N,N-PE
Weight 250-1200g Mounting type DIN rail : 35mm Housing material Anti-flaming Index of protection IP20 Operating environment Temperature:-40-+85°C humidity: ≤95% Remote control (optional) Normally closed, normally open or COM warranty Five-year warranty, three-year replacemen Standards Compliance IEC 61312-1, IEC 61312-3 (pending), IEC 61024-1, IEC 61000-4-5, IEC 61643-1-1 , IEC 61643-1-2 (pending), IEC 62066 (pending), IEC 61643-2-1 (pending)	Front circuit breaker	63A
Mounting typeDIN rail : 35mmHousing materialAnti-flamingIndex of protectionIP20Operating environmentTemperature:-40-+85°C humidity: ≤95%Remote control (optional)Normally closed, normally open or COMwarrantyFive-year warranty, three-year replacemenStandards ComplianceIEC 61312-1, IEC 61312-3 (pending), IEC 61024-1, IEC 61000-4-5, IEC 61643-1-1 , IEC 61643-1-2 (pending), IEC 62066 (pending), IEC 61643-2-1 (pending)	Dimension	90*36*65mm
Housing material Index of protection IP20 Operating environment Temperature:-40-+85°C humidity: ≤95% Remote control (optional) Normally closed, normally open or COM warranty Five-year warranty, three-year replacemen Standards Compliance IEC 61312-1, IEC 61312-3 (pending), IEC 61024-1, IEC 61000-4-5, IEC 61643-1-1 , IEC 61643-1-2 (pending), IEC 62066 (pending), IEC 61643-2-1 (pending)	Weight	250-1200g
Index of protection IP20 Operating environment Temperature:-40-+85°C humidity: ≤95% Remote control (optional) Normally closed, normally open or COM warranty Five-year warranty, three-year replacemen Standards Compliance IEC 61312-1, IEC 61312-3 (pending), IEC 61024-1, IEC 61000-4-5, IEC 61643-1-1 , IEC 61643-1-2 (pending), IEC 62066 (pending), IEC 61643-2-1 (pending)	Mounting type	DIN rail: 35mm
Operating environment Temperature:-40-+85°C humidity: ≤95% Remote control (optional) Normally closed, normally open or COM warranty Five-year warranty, three-year replacemen Standards Compliance IEC 61312-1, IEC 61312-3 (pending), IEC 61024-1, IEC 61000-4-5, IEC 61643-1-1 , IEC 61643-1-2 (pending), IEC 62066 (pending), IEC 61643-2-1 (pending)	Housing material	Anti-flaming
Remote control (optional) Normally closed, normally open or COM warranty Five-year warranty, three-year replacemen Standards Compliance IEC 61312-1, IEC 61312-3 (pending), IEC 61024-1, IEC 61000-4-5, IEC 61643-1-1 , IEC 61643-1-2 (pending), IEC 62066 (pending), IEC 61643-2-1 (pending)	Index of protection	IP20
warranty Five-year warranty, three-year replacemen Standards Compliance IEC 61312-1, IEC 61312-3 (pending), IEC 61024-1, IEC 61000-4-5, IEC 61643-1-1 , IEC 61643-1-2 (pending), IEC 62066 (pending), IEC 61643-2-1 (pending)	Operating environment	Temperature:-40-+85°C humidity: ≤95%
Standards Compliance IEC 61312-1, IEC 61312-3 (pending), IEC 61024-1, IEC 61000-4-5, IEC 61643-1-1 , IEC 61643-1-2 (pending), IEC 62066 (pending), IEC 61643-2-1 (pending)	Remote control (optional)	Normally closed, normally open or COM
, IEC 61643-1-2 (pending), IEC 62066 (pending), IEC 61643-2-1 (pending)	warranty	Five-year warranty, three-year replacemen
	Standards Compliance	IEC 61312-1, IEC 61312-3 (pending),IEC 61024-1, IEC 61000-4-5, IEC 61643-1-1
		, IEC 61643-1-2 (pending), IEC 62066 (pending), IEC 61643-2-1 (pending)
, IEC 61643-1, NFC 61740, VDE 0675, UL 1449, BS 6651		, IEC 61643-1, NFC 61740, VDE 0675, UL 1449, BS 6651





