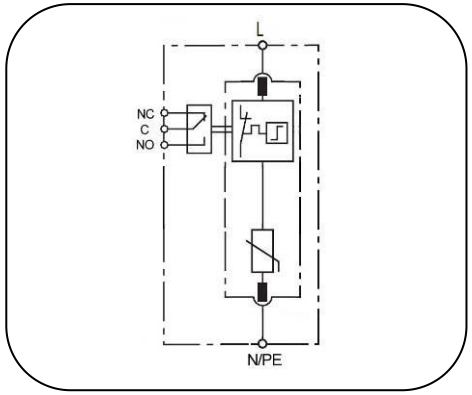
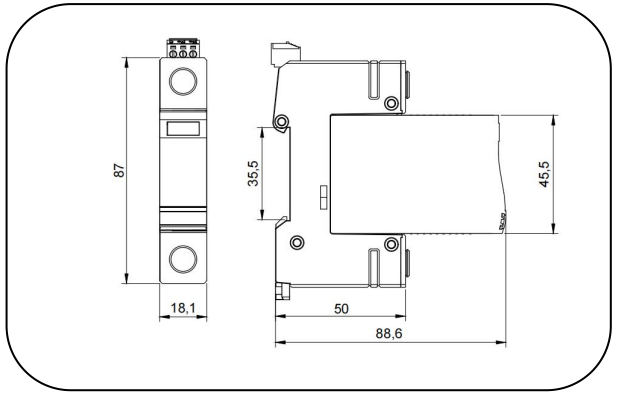
Class I + Class II (T1+T2), Single pole Surge Arresters

BPS12.5V…



Basic circuit diagram



Dimension drawing

The BPS12.5V is class I & class II (or T1+T2) SPD designed for low-voltage power system lightning current & surge protection, especially for location of high risk exposure or LPZ 0-2 building entrances (IEC 62305-4) to against the damage from direct or close lightning strikes.

With built in Safesurge high energy MOV, BPS12.5V ensures remarkable lightning current discharge capacity up to 12.5kA 10/350μs. The unique design of thermal protection provides quick thermal response and secure disconnection. BPS12.5V series are ideal protection for environments with frequent switching operations or lightning strikes.

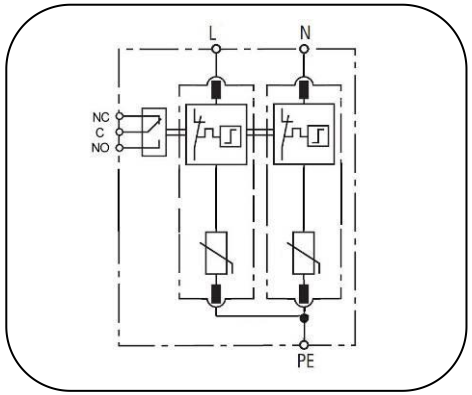
- TUV certified T1+ T2 SPD per IEC/EN 61643-11 standard.
- Single pole SPD for multi-purpose surge protection
- 18mm narrow model design, pluggable module for easy replacement without the need to remove system wiring.
- Unique thermal disconnector design provides quick thermal response and secure disconnection
- Lightning current capacity up to 12.5kA10/350μs
- Surge current capability up to 80kA 8/20μs
- Low voltage protection level
- High short-circuit current rating up to 50kArms, suitable for application in most AC power systems.
- Degradation failure indication and optional remote signal contact.
- Wide operating temperature -40° C ~85° C
- 35mm DIN-rail mounting
- Comply with UL1449 5th, IEEE C62.41,CSA C22.2 standards

Technical data

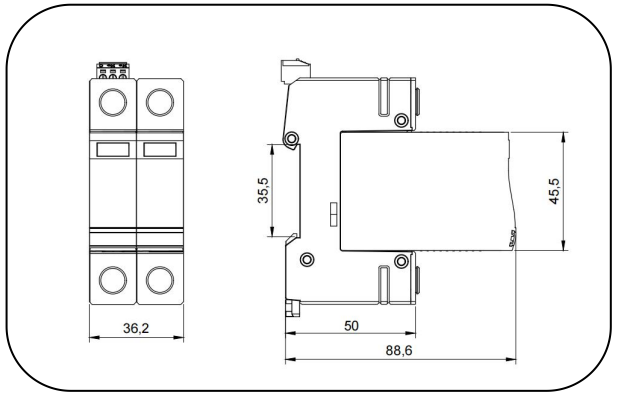
Part No.	BPS12.5V/75(-S)	BPS12.5V/150 (-S)	BPS12.5V/180 (-S)	BPS12.5V/275 (-S)	BPS12.5V/320 (-S)	BPS12.5V/350 (-S)	BPS12.5V/385 (-S)	BPS12.5V/440 (-S)	BPS12.5V/480 (-S)	BPS12.5V/600 (-S)	BPS12.5V/750(-S)
In accordance with	IEC/EN 61643-11:2011; UL1449 5th										
Category IEC/EU/VDE	I+ II /1+2/ B+C										
Protection mode	L-N or L-PE or N-PE										
Nominal Voltage (AC) Un	60V	120V	120V	230V	230V	277V	277V	400V	400V	480V	600V
Power frequency	50/60Hz										
Max. continuous operating voltage(AC) Uc	75V	150V	180V	275V	320V	350V	385V	440V	480V	600V	750V
Nominal discharge current (8/20) In	25kA										
Max. discharge current (8/20) Imax	80kA	80kA	80kA	80kA	80kA	80kA	80kA	65kA	65kA	65kA	65kA
Lightning impulse current (10/350) Iimp	12.5kA	12.5kA	12.5kA	12.5kA	12.5kA	12.5kA	12.5kA	8kA	6kA	6kA	4kA
Voltage protection level Up	0.6kV	0.8kV	1.0kV	1.2kV	1.4kV	1.5kV	1.8kV	2.0kV	2.2kV	2.5kV	2.8kV
Response time tA	≤25ns										
Temporary overvoltage TOV U_T Withstand mode	90V/5s	174V/5s	228V/5s	335V/5s	335V/5s	403V/5s	403V/5s	580V/5s	580V/5s	700V/5s	870V/5s
Follow current & interrupt rating Ifi	No										
Leakage current Ipe	<0.1mA										
Short-circuit current rating Isscr	50kArms										
Backup fuse(only required if not already provided in mains)	≤250A gL/gG										
Operating temperature range	-40ºC ~ +85ºC										
Altitude	-500m ~ +4000m										
Cross-section of connection wire (max)	Single-strand 35mm^2; multi-strand 25mm^2										
Mounting	35mm DIN-rail in accordance with EN 50022/DIN46277-3										
Enclosure material	Thermoplastic; extinguishing degree UL94 V-0										
Degree of protection	IP20										
Installation width	1 module, DIN 43880										
Thermal disconnector	Internal Green – normal ; red - failure										
Remote alarm contact	Optional										
Approvals, Certifications	TUV, CE										
Additional data for Remote Alarm Contacts											
Remote alarm contact type	Isolated Form C										
Switching capability Un/In	AC: 250V/0.5A DC: 250V/0.1A; 125V/0.2A; 75V/0.5A										
Cross-section of remote signaling wire	Max. 1.5mm^2(or # 16AWG)										

Class I + Class II (T1+T2), Two poles Surge Arresters

BPS12.5V…2P



Basic circuit diagram



Dimension drawing

The BPS12.5V 2P is class I & class II (or T1+T2) prewired two poles SPD designed for low-voltage power system lightning current & surge protection, especially for location of high risk exposure or LPZ 0-2 building entrances (IEC 62305-4) to against the damage from direct or close lightning strikes.

With built in Safesurge high energy MOV, BPS12.5V 2P ensures remarkable lightning current discharge capacity up to 12.5kA 10/350μs. The unique design of thermal protection provides quick thermal response and secure disconnection. BPS12.5V 2P is ideal protection for environments with frequent switching operations or lightning strikes.

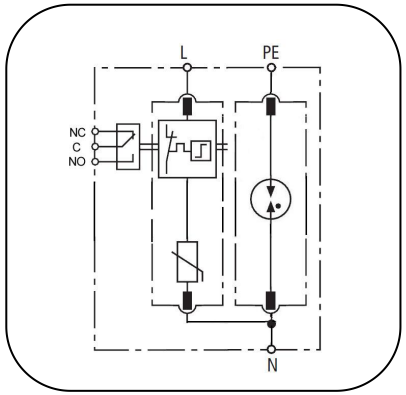
- TUV certified T1+ T2 SPD per IEC/EN 61643-11 standard.
- Prewired two poles SPD (“2+0” circuit) for use in single phase or two phase systems
- 18mm narrow model design, pluggable module for easy replacement without the need to remove system wiring.
- Unique thermal disconnector design provides quick thermal response and secure disconnection
- Lightning current capacity up to 12.5kA10/350μs
- Surge current capability up to 80kA 8/20μs
- Low voltage protection level
- High short-circuit current rating up to 50kArms, suitable for application in most AC power systems.
- Degradation failure indication and optional remote signal contact.
- Wide operating temperature -40^{o} C ~85^{o} C
- 35mm DIN-rail mounting
- Comply with UL1449 5th, IEEE C62.41,CSA C22.2 standards

Technical data

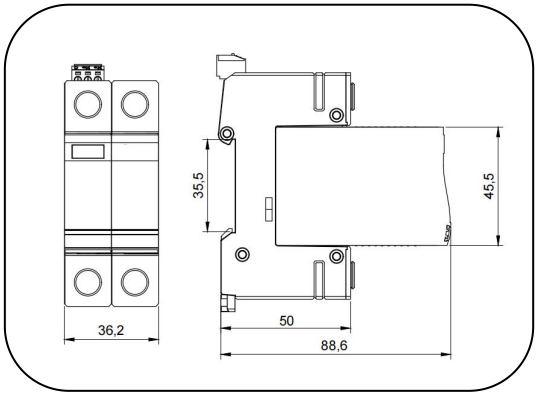
Part No.	BPS12.5V/75(-S)/2P	BPS12.5V/150(-S)/2P	BPS12.5V/180(-S)/2P	BPS12.5V/275(-S)/2P	BPS12.5V/320(-S)/2P	BPS12.5V/350(-S)/2P	BPS12.5V/385(-S)/2P	BPS12.5V/440(-S)/2P	BPS12.5V/480(-S)/2P	BPS12.5V/600(-S)/2P	BPS12.5V/750(-S)/2P
In accordance with	IEC/EN 61643-11:2011; UL1449 5th										
Category IEC/EU/VDE	I+ II /1+2/ B+C										
Protection mode	L-PE, N-PE										
Nominal Voltage (AC) Un	60V	120V	120V	230V	230V	277V	277V	400V	400V	480V	600V
Power frequency	50/60Hz										
Max. continuous operating voltage(AC) Uc	75V	150V	180V	275V	320V	350V	385V	440V	480V	600V	750V
Nominal discharge current (8/20) In	25kA										
Max. discharge current (8/20) Imax	80kA	80kA	80kA	80kA	80kA	80kA	80kA	65kA	65kA	65kA	65kA
Lightning impulse current (10/350) Iimp	12.5kA	12.5kA	12.5kA	12.5kA	12.5kA	12.5kA	12.5kA	8kA	6kA	6kA	4kA
Voltage protection level Up	0.6kV	0.8kV	1.0kV	1.2kV	1.4kV	1.5kV	1.8kV	2.0kV	2.2kV	2.5kV	2.8kV
Response time tA	≤25ns										
Temporary overvoltage TOV U_T Withstand mode	90V/5s	174V/5s	228V/5s	335V/5s	335V/5s	403V/5s	403V/5s	580V/5s	580V/5s	700V/5s	870V/5s
Follow current & interrupt rating Ifi	No										
Leakage current Ipe	<0.1mA										
Short-circuit current rating Isscr	50kArms										
Backup fuse(only required if not already provided in mains)	≤250A gL/gG										
Operating temperature range	-40ºC ~ +85ºC										
Altitude	-500m ~ +4000m										
Cross-section of connection wire (max)	Single-strand 35mm^2; multi-strand 25mm^2										
Mounting	35mm DIN-rail in accordance with EN 50022/DIN46277-3										
Enclosure material	Thermoplastic; extinguishing degree UL94 V-0										
Degree of protection	IP20										
Installation width	2 module, DIN 43880										
Thermal disconnector	Internal Green – normal ; red - failure										
Remote alarm contact	Optional										
Approvals, Certifications	TUV, CE										
Additional data for Remote Alarm Contacts											
Remote alarm contact type	Isolated Form C										
Switching capability Un/In	AC: 250V/0.5A DC: 250V/0.1A; 125V/0.2A; 75V/0.5A										
Cross-section of remote signaling wire	Max. 1.5mm^2(or # 16AWG)										

Class I + Class II (T1+T2), Two poles Surge Arresters

BPS12.5V/…-PN50



Basic circuit diagram



Dimension drawing

The BPS12.5V PN50 is class I & class II (or T1+T2) prewired two poles SPD designed for low-voltage power system lightning current & surge protection, especially for location of high risk exposure or LPZ 0-2 building entrances (IEC 62305-4) to against the damage from direct or close lightning strikes.

With built in Safesurge high energy MOV and GDT, BP12.5V PN50 ensures remarkable lightning current discharge capacity up to 12.5kA 10/350μs (L-N) and 50kA 10/350μs (N-PE).

The unique design of thermal protection provides quick thermal response and secure disconnection. BPS12.5V PN50 is ideal protection for environments with frequent switching operations or lightning strikes.

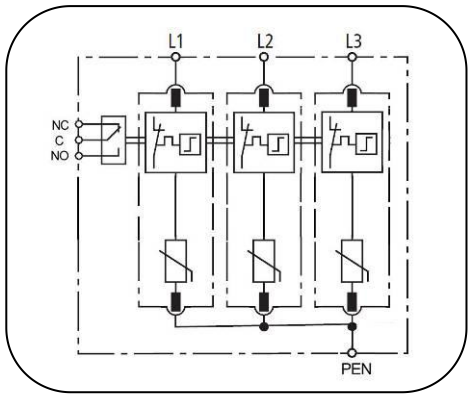
- TUV certified T1+ T2 SPD per IEC/EN 61643-11 standard
- Prewired two poles SPD (“1+1” circuit) for use in single phase
- 18mm narrow model design, pluggable module for easy replacement without the need to remove system wiring.
- Unique thermal disconnector design provides quick thermal response and secure disconnection
- Lightning current capacity up to 12.5kA10/350μs (L-N), 50kA 10/350μs (N-PE)
- Surge current capability up to 80kA 8/20μs (L-N), 100kA 8/20μs (N-PE)
- Low voltage protection level
- High short-circuit current rating up to 50kArms, suitable for application in most AC power systems.
- Degradation failure indication and optional remote signal contact.
- Wide operating temperature -40° C ~85° C
- 35mm DIN-rail mounting
- Comply with UL1449 5th, IEEE C62.41,CSA C22.2 standards

Technical data

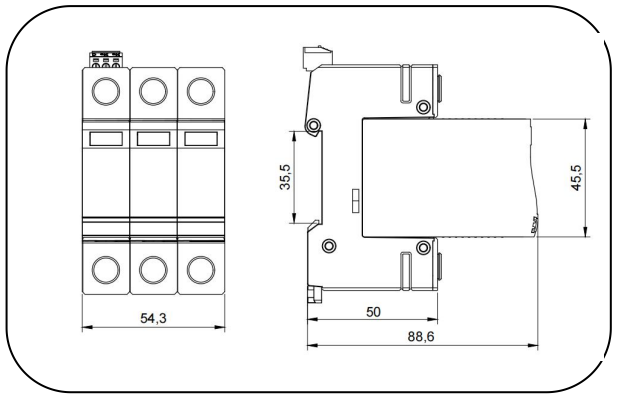
Part No.		BPS12.5V/150(-S)/PN50	BPS12.5V/180(-S)/PN50	BPS12.5V/275(-S)/PN50	BPS12.5V/320(-S)/PN50	BPS12.5V/350(-S)/PN50	BPS12.5V/385(-S)/PN50
In accordance with		IEC/EN 61643-11:2011; UL1449 5th					
Category IEC/EU/VDE		I+ II /1+2/ B+C					
Protection mode		L-N ,N-PE					
Max. continuous operating voltage(AC) Uc	L-N	150V	180V	275V	320V	350V	385V
	N-PE	150V	150V	255V	255V	255V	255V
Nominal discharge current(8/20) In	L-N	25kA					
	N-PE	50kA					
Max. discharge current(8/20) Imax	L-N	80kA					
	N-PE	100kA					
Lightning impulse current (10/350) Iimp	L-N	12.5kA	12.5kA	12.5kA	12.5kA	12.5kA	12.5kA
	N-PE	50kA	50kA	50kA	50kA	50kA	50kA
Voltage protection level Up	L-N	0.8kV	1.0kV	1.2kV	1.4kV	1.5kV	1.8kV
	N-PE	1.5kV	1.5kV	1.5kV	1.5kV	1.5kV	1.5kV
Response time tA	L-N	<25ns					
	N-PE	≤100ns					
Temporary overvoltage TOV U_T Withstand mode	L-N	174V/5s	228V/5s	335V/5s	335V/5s	403V/5s	403V/5s
	N-PE	1200V/200ms	1200V/200ms	1200V/200ms	1200V/200ms	1200V/200ms	1200V/200ms
Follow current & interrupt rating Ifi	N-PE	100A					
Leakage current Ipe		<0.1mA					
Short-circuit current rating Isscr		50kArms					
Backup fuse(only required if not already provided		≤250A gL/gG					
Operating temperature range		-40ºC ~ +85ºC					
Altitude		-500m ~ +4000m					
Cross-section of connection wire (max)		Single-strand 35mm^2; multi-strand 25mm^2					
Mounting		35mm DIN-rail in accordance with EN 50022/DIN46277-3					
Enclosure material		Thermoplastic; extinguishing degree UL94 V-0					
Degree of protection		IP20					
Installation width		2 module, DIN 43880					
Thermal disconnector		Internal Green – normal ; red - failure					
Remote alarm contact		Optional					
Approvals, Certifications		TUV, CE					
Additional data for Remote Alarm Contacts							
Remote alarm contact type		Isolated Form C					
Switching capability Un/In		AC: 250V/0.5A DC: 250V/0.1A; 125V/0.2A; 75V/0.5A					
Cross-section of remote signaling wire (max)		1.5mm^2(or # 16AWG)					

Class I + Class II (T1+T2), Three poles Surge Arresters

BPS12.5V…3P



Basic circuit diagram



Dimension drawing

The BPS12.5V 3P is class I & class II (or T1+T2) prewired three poles SPD designed for low-voltage power system lightning current & surge protection, especially for location of high risk exposure or LPZ 0-2 building entrances (IEC 62305-4) to against the damage from direct or close lightning strikes.

With built in Safesurge high energy MOV, BPS12.5V 3P ensures remarkable lightning current discharge capacity up to 12.5kA 10/350μs. The unique design of thermal protection provides quick thermal response and secure disconnection. BPS12.5V 3P is ideal protection for environments with frequent switching operations or lightning strikes.

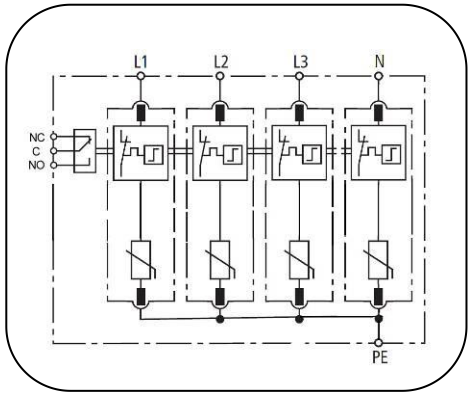
- TUV certified T1+ T2 SPD per IEC/EN 61643-11 standard.
- Prewired three poles SPD (“3+0” circuit) for use in three phase IT / TN-C systems
- 18mm narrow model design, pluggable module for easy replacement without the need to remove system wiring.
- Unique thermal disconnector design provides quick thermal response and secure disconnection
- Lightning current capacity up to 12.5kA10/350μs
- Surge current capability up to 80kA 8/20μs
- Low voltage protection level
- High short-circuit current rating up to 50kArms, suitable for application in most AC power systems.
- Degradation failure indication and optional remote signal contact.
- Wide operating temperature -40° C ~85° C
- 35mm DIN-rail mounting
- Comply with UL1449 5th, IEEE C62.41,CSA C22.2 standards

Technical data

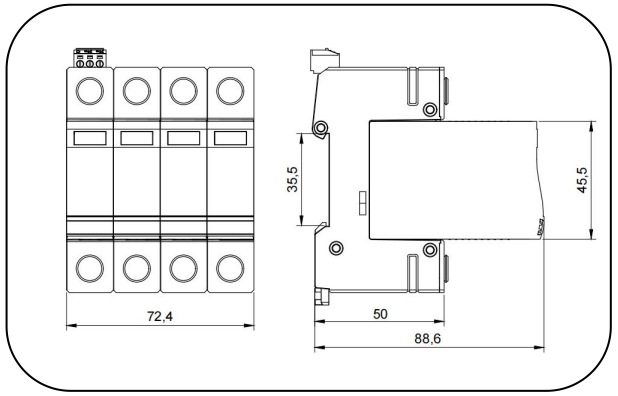
Part No.	BPS12.5V/75(-S)/3P	BPS12.5V/150(-S)/3P	BPS12.5V/180(-S)/3P	BPS12.5V/275(-S)/3P	BPS12.5V/320(-S)/3P	BPS12.5V/350(-S)/3P	BPS12.5V/385(-S)/3P	BPS12.5V/440(-S)/3P	BPS12.5V/480(-S)/3P	BPS12.5V/600(-S)/3P	BPS12.5V/750(-S)/3P
In accordance with	IEC/EN 61643-11:2011; UL1449 5th										
Category IEC/EU/VDE	I+ II /1+2/ B+C										
Protection mode	L-PE										
Nominal Voltage (AC) Un	60V	120V	120V	230V	230V	277V	277V	400V	400V	480V	600V
Power frequency	50/60Hz										
Max. continuous operating voltage(AC) Uc	75V	150V	180V	275V	320V	350V	385V	440V	480V	600V	750V
Nominal discharge current (8/20) In	25kA										
Max. discharge current (8/20) Imax	80kA	80kA	80kA	80kA	80kA	80kA	80kA	65kA	65kA	65kA	65kA
Lightning impulse current (10/350) Iimp	12.5kA	12.5kA	12.5kA	12.5kA	12.5kA	12.5kA	12.5kA	8kA	6kA	6kA	4kA
Voltage protection level Up	0.6kV	0.8kV	1.0kV	1.2kV	1.4kV	1.5kV	1.8kV	2.0kV	2.2kV	2.5kV	2.8kV
Response time tA	≤25ns										
Temporary overvoltage TOV U_T Withstand mode	90V/5s	174V/5s	228V/5s	335V/5s	335V/5s	403V/5s	403V/5s	580V/5s	580V/5s	700V/5s	870V/5s
Follow current & interrupt rating Ifi	No										
Leakage current Ipe	<0.1mA										
Short-circuit current rating Isscr	50 kArms										
Backup fuse(only required if not already provided in mains)	≤250A gL/gG										
Operating temperature range	-40ºC ~ +85ºC										
Altitude	-500m ~ +4000m										
Cross-section of connection wire (max)	Single-strand 35mm^2; multi-strand 25mm^2										
Mounting	35mm DIN-rail in accordance with EN 50022/DIN46277-3										
Enclosure material	Thermoplastic; extinguishing degree UL94 V-0										
Degree of protection	IP20										
Installation width	3 module, DIN 43880										
Thermal disconnector	Internal Green – normal ; red - failure										
Remote alarm contact	Optional										
Approvals, Certifications	TUV, CE										
Additional data for Remote Alarm Contacts											
Remote alarm contact type	Isolated Form C										
Switching capability Un/In	AC: 250V/0.5A DC: 250V/0.1A; 125V/0.2A; 75V/0.5A										
Cross-section of remote signaling wire	Max. 1.5mm^2(or # 16AWG)										

Class I + Class II (T1+T2), Four poles Surge Arresters

BPS12.5V…4P



Basic circuit diagram



Dimension drawing

The BPS12.5V 4P is class I & class II (or T1+T2) prewired four poles SPD designed for low-voltage power system lightning current & surge protection, especially for location of high risk exposure or LPZ 0-2 building entrances (IEC 62305-4) to against the damage from direct or close lightning strikes.

With built in Safesurge high energy MOV, BPS12.5V 4P ensures remarkable lightning current discharge capacity up to 12.5kA 10/350μs. The unique design of thermal protection provides quick thermal response and secure disconnection. BPS12.5V 4P is ideal protection for environments with frequent switching operations or lightning strikes.

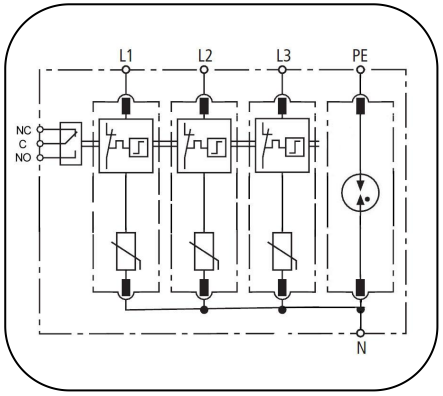
- TUV certified T1+ T2 SPD per IEC/EN 61643-11 standard.
- Prewired three poles SPD (“4+0” circuit) for use in three phase TN / TT systems.
- 18mm narrow model design, pluggable module for easy replacement without the need to remove system wiring.
- Unique thermal disconnector design provides quick thermal response and secure disconnection
- Lightning current capacity up to 12.5kA10/350μs
- Surge current capability up to 80kA 8/20μs
- Low voltage protection level
- High short-circuit current rating up to 50kArms, suitable for application in most AC power systems.
- Degradation failure indication and optional remote signal contact.
- Wide operating temperature -40° C ~85° C
- 35mm DIN-rail mounting
- Comply with UL1449 5th, IEEE C62.41,CSA C22.2 standards

Technical data

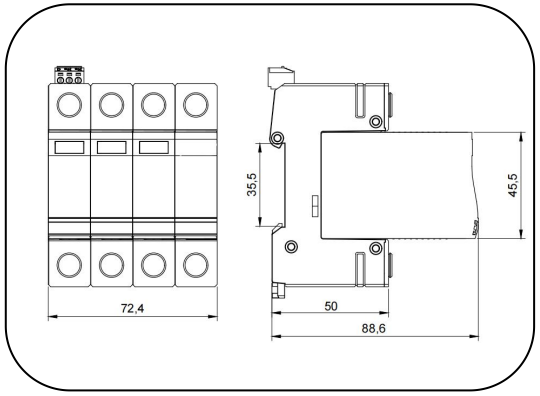
Part No.	BPS12.5V/75(-S)/4P	BPS12.5V/150(-S)/4P	BPS12.5V/180(-S)/4P	BPS12.5V/275(-S)/4P	BPS12.5V/320(-S)/4P	BPS12.5V/350(-S)/4P	BPS12.5V/385(-S)/4P	BPS12.5V/440(-S)/4P	BPS12.5V/480(-S)/4P	BPS12.5V/600(-S)/4P	BPS12.5V/750(-S)/4P
In accordance with	IEC/EN 61643-11:2011; UL1449 5th										
Category IEC/EU/VDE	I+ II /1+2/ B+C										
Protection mode	L-PE, N-PE										
Nominal Voltage (AC) Un	60V	120V	120V	230V	230V	277V	277V	400V	400V	480V	600V
Power frequency	50/60Hz										
Max. continuous operating voltage(AC) Uc	75V	150V	180V	275V	320V	350V	385V	440V	480V	600V	750V
Nominal discharge current(8/20) In	25kA										
Max. discharge current(8/20) Imax	80kA	80kA	80kA	80kA	80kA	80kA	80kA	65kA	65kA	65kA	65kA
Lightning impulse current (10/350) Iimp	12.5kA	12.5kA	12.5kA	12.5kA	12.5kA	12.5kA	12.5kA	8kA	6kA	6kA	4kA
Voltage protection level Up	0.6kV	0.8kV	1.0kV	1.2kV	1.4kV	1.5kV	1.8kV	2.0kV	2.2kV	2.5kV	2.8kV
Response time tA	≤25ns										
Temporary overvoltage TOV U_T Withstand mode	90V/5s	174V/5s	228V/5s	335V/5s	335V/5s	403V/5s	403V/5s	580V/5s	580V/5s	700V/5s	870V/5s
Follow current & interrupt rating Ifi	No										
Leakage current Ipe	<0.1mA										
Short-circuit current rating Isscr	50kArms										
Backup fuse(only required if not already provided in mains)	≤250A gL/gG										
Operating temperature range	-40ºC ~ +85ºC										
Altitude	-500m ~ +4000m										
Cross-section of connection wire (max)	Single-strand 35mm^2; multi-strand 25mm^2										
Mounting	35mm DIN-rail in accordance with EN 50022/DIN46277-3										
Enclosure material	Thermoplastic; extinguishing degree UL94 V-0										
Degree of protection	IP20										
Installation width	4 module, DIN 43880										
Thermal disconnector	Internal Green – normal ; red - failure										
Remote alarm contact	Optional										
Approvals, Certifications	TUV, CE										
Additional data for Remote Alarm Contacts											
Remote alarm contact type	Isolated Form C										
Switching capability Un/In	AC: 250V/0.5A DC: 250V/0.1A; 125V/0.2A; 75V/0.5A										
Cross-section of remote signaling wire	Max. 1.5mm^2(or # 16AWG)										

Class I + Class II (T1+T2), Four poles Surge Arresters

BPS12.5V/…-3PN50



Basic circuit diagram



Dimension drawing

The BPS12.5V 3PN50 is class I & class II (or T1+T2) prewired four poles SPD designed for low-voltage power system lightning current & surge protection, especially for location of high risk exposure or LPZ 0-2 building entrances (IEC 62305-4) to against the damage from direct or close lightning strikes.

With built in Safesurge high energy MOV and GDT, BP12.5V 3PN50 ensures remarkable lightning current discharge capacity up to 12.5kA 10/350μs (L-N) and 50kA 10/350μs (N-PE). The unique design of thermal protection provides quick thermal response and secure disconnection. BPS12.5V 3PN50 is ideal protection for environments with frequent switching operations or lightning strikes.

- TUV certified T1+ T2 SPD per IEC/EN 61643-11 standard
- Prewired four poles SPD (“3+1” circuit) for use in three phase TN/TT systems
- 18mm narrow model design, pluggable module for easy replacement without the need to remove system wiring.
- Unique thermal disconnector design provides quick thermal response and secure disconnection
- Lightning current capacity up to 12.5kA10/350μs (L-N), 50kA 10/350μs (N-PE)
- Surge current capability up to 80kA 8/20μs (L-N), 100kA 8/20μs (N-PE)
- Low voltage protection level
- High short-circuit current rating up to 50kArms, suitable for application in most AC power systems.
- Degradation failure indication and optional remote signal contact.
- Wide operating temperature -40° C ~85° C
- 35mm DIN-rail mounting
- Comply with UL1449 5th, IEEE C62.41,CSA C22.2 standards

Technical data

Part No.		BPS12.5V/150(-S)/3PN50	BPS12.5V/180(-S)/3PN50	BPS12.5V/275(-S)/3PN50	BPS12.5V/320(-S)/3PN50	BPS12.5V/350(-S)/3PN50	BPS12.5V/385(-S)/3PN50
In accordance with		IEC/EN 61643-11:2011; UL1449 5th					
Category IEC/EU/VDE		I+ II /1+2/ B+C					
Protection mode		L-N, N-PE					
Max. continuous operating voltage(AC) Uc	L-N	150V	180V	275V	320V	350V	385V
	N-PE	150V	150V	255V	255V	255V	255V
Nominal discharge current (8/20) In	L-N	25kA					
	N-PE	50kA					
Max. discharge current (8/20) Imax	L-N	80kA					
	N-PE	100kA					
Lightning impulse current (10/350) Iimp	L-N	12.5kA	12.5kA	12.5kA	12.5kA	12.5kA	12.5kA
	N-PE	50kA	50kA	50kA	50kA	50kA	50kA
Voltage protection level Up	L-N	0.8kV	1.0kV	1.2kV	1.4kV	1.5kV	1.8kV
	N-PE	1.5kV	1.5kV	1.5kV	1.5kV	1.5kV	1.5kV
Response time tA	L-N	≤25ns					
	N-PE	≤100ns					
Temporary overvoltage TOV U_T Withstand mode	L-N	174V/5s	228V/5s	335V/5s	335V/5s	403V/5s	403V/5s
	N-PE	1200V/200ms	1200V/200ms	1200V/200ms	1200V/200ms	1200V/200ms	1200V/200ms
Follow current & interrupt rating Ifi	N-PE	100A					
Leakage current Ipe		<0.1mA					
Short-circuit current rating Isscr		50kArms					
Backup fuse(only required if not already provided in		≤250A gL/gG					
Operating temperature range		-40ºC ~ +85ºC					
Altitude		-500m ~ +4000m					
Cross-section of connection wire (max)		Single-strand 35mm^2; multi-strand 25mm^2					
Mounting		35mm DIN-rail in accordance with EN 50022/DIN46277-3					
Enclosure material		Thermoplastic; extinguishing degree UL94 V-0					
Degree of protection		IP20					
Installation width		4 module, DIN 43880					
Thermal disconnector		Internal Green – normal ; red - failure					
Remote alarm contact		Optional					
Approvals, Certifications		TUV, CE					
Additional data for Remote Alarm Contacts							
Remote alarm contact type		Isolated Form C					
Switching capability Un/In		AC: 250V/0.5A DC: 250V/0.1A; 125V/0.2A; 75V/0.5A					
Cross-section of remote signaling wire (max)		1.5mm^2(or # 16AWG)					