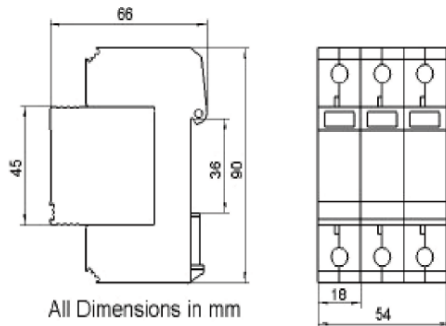
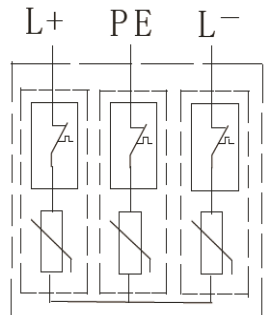


SPD SPECIFICATION SHEET

Model No.	Product Name	Data	Version
NSPV-40R	DC3P 40R	2018.1.4	A1

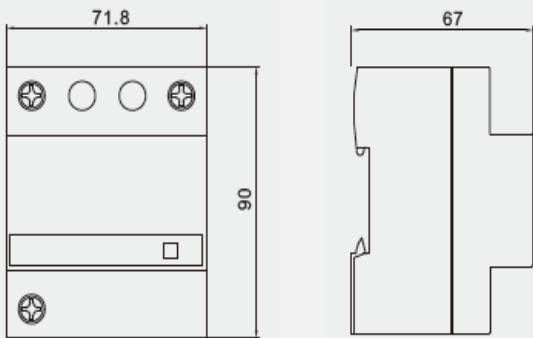
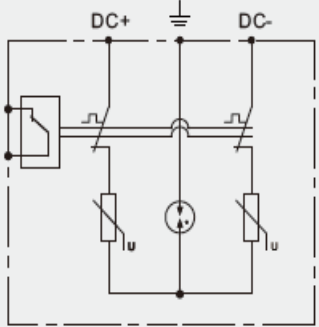


1. Basic Structure Drawing	2. Principle Drawing
 <p style="text-align: center;">All Dimensions in mm</p>	

3. Technical parameters		
Test class according to IEC61643-1:2005	II	
Nominal voltage	Un	1000V DC
Max.continuous d.c. voltage [(L+/L-)->PE]/[L+>L-]	Ucpv	1060V DC
Maximum discharge current (8/20μs)	Imax	40kA
Nominal discharge current (8/20μs)	In	20kA
Voltage protective level at In	Up	≤4kV
Response time	Ta	≤25ns
I/O Connections	By screw terminal:10-35mm ² By connection bus	
Mounting	Symmetrical rail (EN50022/DIN46277-3)	
Operation temperature range	-40℃~+85℃	
Degree of protection	IP20	
Housing material	UL94V0	
Disconnection indicator	Mechanical indicator	
Remote control contact	Without	
Color	Green/Red	
Order Code	B8010	
Order code (With remote signal)	B8012	

SPD SPECIFICATION SHEET

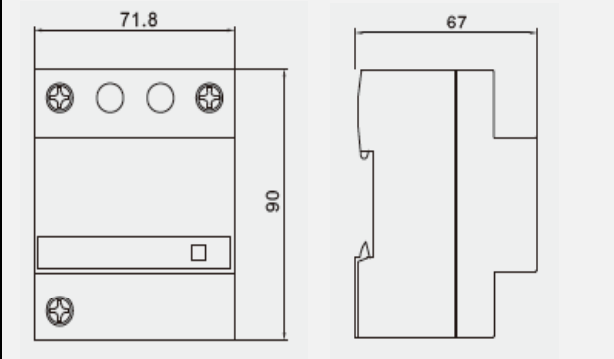
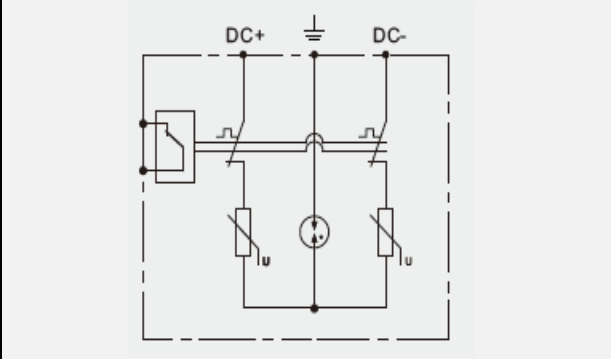
Model No.	Product Name	Data	Version
NSPV3-50L	DC3P 50L	2018.1.4	A1

1.Basic Structure Drawing	2. Principle Drawing
	

3. Technical parameters		
SPD classification according to EN61643-11	Type1+Type2	
SPD classification according to EN50539-11	ClassI+ClassII	
Max.continuous operating dc voltage	Ucpv	600V
Lightning impulse current (10/350μs)	Iimp	12.5kA
Maximum discharge current (8/20μs)	In	20kA
Nominal discharge current (8/20μs)	Imax	50kA
Voltage protective level at [(DC+/DC-)→PE]	Up	≤2.6kV
Response time	Ta	≤25ns
Operating temperature range	Tu	-40℃-80℃
Operating state/fault indication	green/red	
Cross-section area (Max.)	35mm ²	
Cross-section area (Min.)	4mm ²	
For mounting on	35mm Din rail	
Enclosure material	Thermalplastic UL94-V0	
Degree of protection	IP20	
Order Code	B8001	
Orde code (With remote signal)	B8003	

SPD SPECIFICATION SHEET

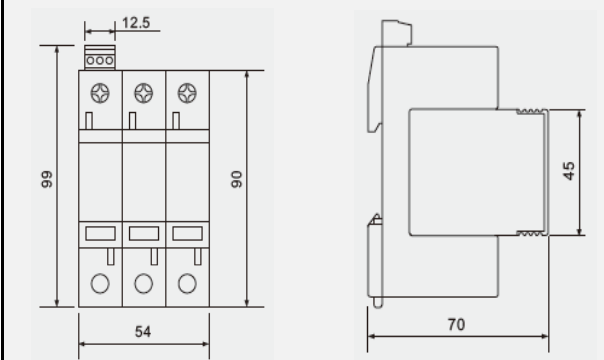
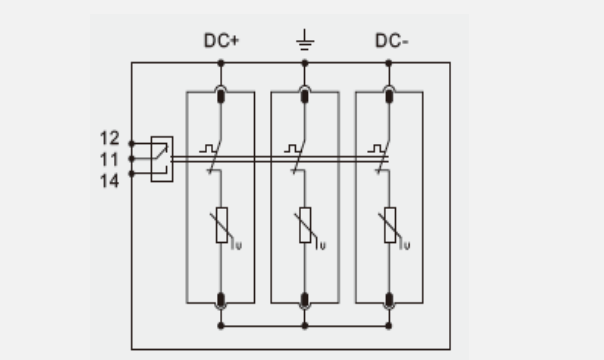
Model No.	Product Name	Data	Version
NSPV3-50R	DC3P 50R	2018.1.4	A1

1.Basic Structure Drawing	2. Principle Drawing
	

3. Technical parameters		
SPD classification according to EN61643-11	Type1+Type2	
SPD classification according to EN50539-11	ClassI+ClassII	
Max.continuous operating dc voltage	Ucpv	1000V
Lightning impulse current (10/350μs)	Iimp	12.5kA
Maximum discharge current (8/20μs)	In	20kA
Nominal discharge current (8/20μs)	I _{max}	50kA
Voltage protective level at [(DC+/DC-)→PE]	Up	≤4.0kV
Response time	Ta	≤25ns
Operating temperature range	Tu	-40℃-80℃
Operating state/fault indication	green/red	
Cross-section area (Max.)	35mm ²	
Cross-section area (Min.)	4mm ²	
For mounting on	35mm Din rail	
Enclosure material	Thermalplastic UL94-V0	
Degree of protection	IP20	
Order Code	B8002	
Orde code (With remote signal)	B8004	

SPD SPECIFICATION SHEET

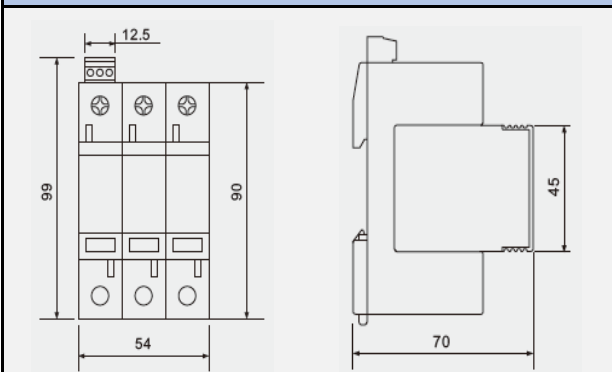
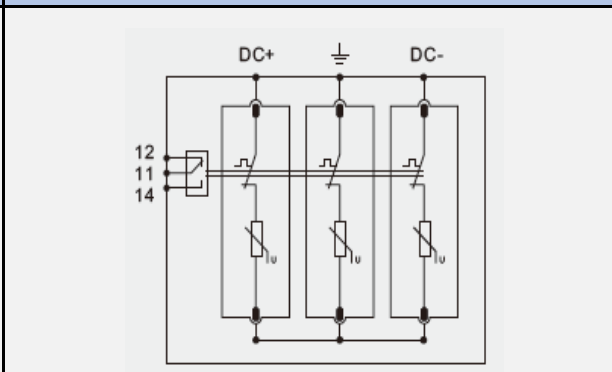
Model No.	Product Name	Data	Version
NSPV3-40L	DC3P 40L	2018.1.4	A1

1.Basic Structure Drawing	2. Principle Drawing
	

3. Technical parameters		
SPD classification according to EN61643-11	Type2	
SPD classification according to EN50539-11	ClassII	
Max.continuous operating dc voltage	U _{cpv}	600V
Maximum discharge current (8/20μs)	I _n	20kA
Nominal discharge current (8/20μs)	I _{max}	40kA
Voltage protective level at [(DC+/DC-)→PE]	U _p	≤2.6kV
Response time	T _a	≤25ns
Operating temperature range	T _u	-40℃-80℃
Operating state/fault indication	green/red	
Cross-section area (Max.)	35mm ²	
Cross-section area (Min.)	4mm ²	
For mounting on	35mm Din rail	
Enclosure material	Thermalplastic UL94-V0	
Degree of protection	IP20	
Order Code	B8009	
Orde code (With remote signal)	B8011	

SPD SPECIFICATION SHEET

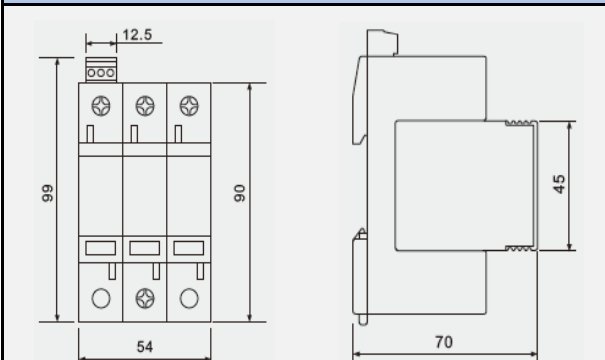
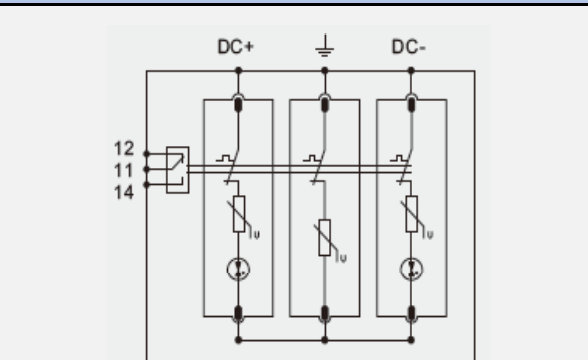
Model No.	Product Name	Data	Version
NSPV-40H	DC3P 40H	2018.1.4	A1

1.Basic Structure Drawing	2. Principle Drawing
	

3. Technical parameters		
SPD classification according to EN61643-11	Type2	
SPD classification according to EN50539-11	ClassII	
Max.continuous operating dc voltage	Ucpv	1500V
Maximum discharge current (8/20μs)	In	20kA
Nominal discharge current (8/20μs)	I _{max}	40kA
Voltage protective level at [(DC+/DC-)→PE]	Up	≤2.6kV
Response time	Ta	≤25ns
Operating temperature range	Tu	-40℃-80℃
Operating state/fault indication	green/red	
Cross-section area (Max.)	35mm ²	
Cross-section area (Min.)	4mm ²	
For mounting on	35mm Din rail	
Enclosure material	Thermalplastic UL94-V0	
Degree of protection	IP20	
Order Code	B8018	
Orde code (With remote signal)	B8019	

SPD SPECIFICATION SHEET

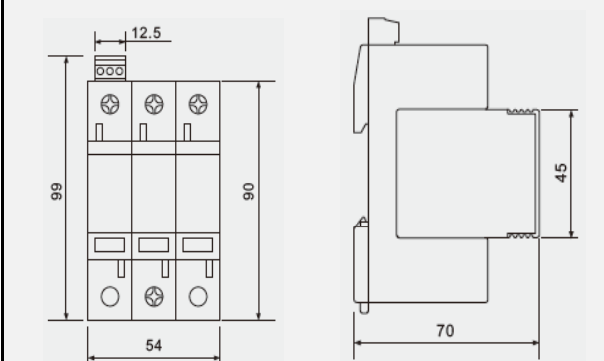
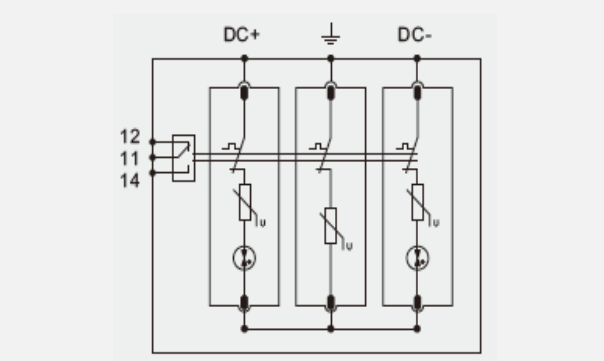
Model No.	Product Name	Data	Version
NSPV3-40G	DC3P 40G	2018.1.4	A1

1.Basic Structure Drawing	2. Principle Drawing
	

3. Technical parameters		
SPD classification according to EN61643-11	Type2	
SPD classification according to EN50539-11	ClassII	
Max.continuous operating dc voltage	Ucpv	600V
Maximum discharge current (8/20μs)	In	20kA
Nominal discharge current (8/20μs)	I _{max}	40kA
Voltage protective level at [(DC+/DC-)→PE]	Up	≤2.6kV
Response time	Ta	≤100ns
Operating temperature range	Tu	-40℃-80℃
Operating state/fault indication	green/red	
Cross-section area (Max.)	35mm ²	
Cross-section area (Min.)	4mm ²	
For mounting on	35mm Din rail	
Enclosure material	Thermalplastic UL94-V0	
Degree of protection	IP20	
Order Code	B8005	
Orde code (With remote signal)	B8007	

SPD SPECIFICATION SHEET

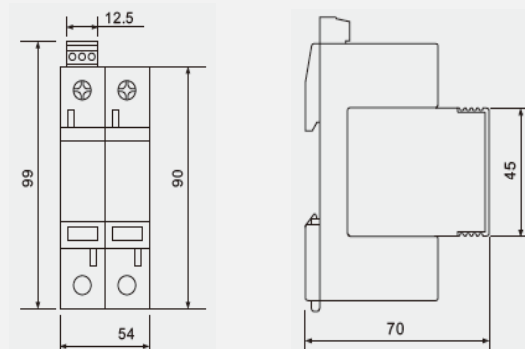
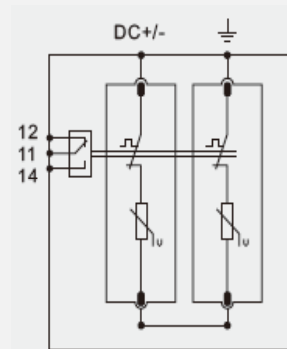
Model No.	Product Name	Data	Version
NSPV3-40D	DC3P 40D	2018.1.4	A1

1.Basic Structure Drawing	2. Principle Drawing
	

3. Technical parameters		
SPD classification according to EN61643-11	Type2	
SPD classification according to EN50539-11	ClassII	
Max.continuous operating dc voltage	Ucpv	1000V
Maximum discharge current (8/20μs)	In	20kA
Nominal discharge current (8/20μs)	I _{max}	40kA
Voltage protective level at [(DC+/DC-)→PE]	Up	≤4.0kV
Response time	Ta	≤100ns
Operating temperature range	Tu	-40℃-80℃
Operating state/fault indication	green/red	
Cross-section area (Max.)	35mm ²	
Cross-section area (Min.)	4mm ²	
For mounting on	35mm Din rail	
Enclosure material	Thermalplastic UL94-V0	
Degree of protection	IP20	
Order Code	B8006	
Orde code (With remote signal)	B8008	

SPD SPECIFICATION SHEET

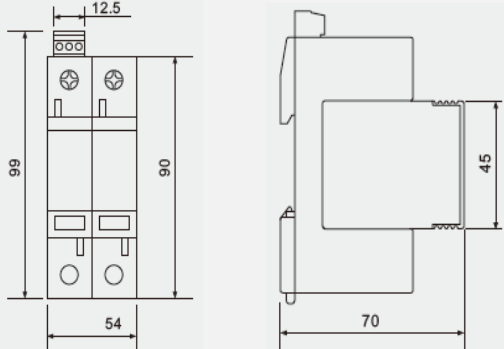
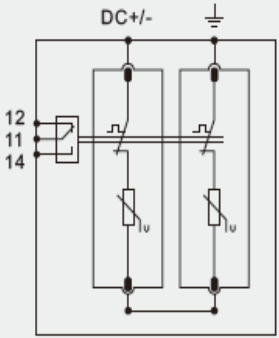
Model No.	Product Name	Data	Version
NSPV2-40L	DC2P 40L	2018.1.4	A1

1.Basic Structure Drawing	2. Principle Drawing
	

3. Technical parameters		
SPD classification according to EN61643-11	Type2	
SPD classification according to EN50539-11	ClassII	
Max.continuous operating dc voltage	Ucpv	≤600V
Maximum discharge current (8/20μs)	In	20kA
Nominal discharge current (8/20μs)	Imax	40kA
Voltage protective level at [(DC+/DC-)→PE]	Up	≤2.6kV
Response time	Ta	≤25ns
Operating temperature range	Tu	-40℃-80℃
Operating state/fault indication	green/red	
Cross-section area (Max.)	35mm ²	
Cross-section area (Min.)	4mm ²	
For mounting on	35mm Din rail	
Enclosure material	Thermalplastic UL94-V0	
Degree of protection	IP20	
Order Code	B8013	
Orde code (With remote signal)	B8015	

SPD SPECIFICATION SHEET

Model No.	Product Name	Data	Version
NSPV2-40H	DC2P 40H	2018.1.4	A1

1.Basic Structure Drawing	2. Principle Drawing
	

3. Technical parameters		
SPD classification according to EN61643-11	Type2	
SPD classification according to EN50539-11	ClassII	
Max.continuous operating dc voltage	Ucpv	1000V
Maximum discharge current (8/20μs)	In	20kA
Nominal discharge current (8/20μs)	I _{max}	40kA
Voltage protective level at [(DC+/DC-)→PE]	Up	≤4.0kV
Response time	Ta	≤25ns
Operating temperature range	Tu	-40℃-80℃
Operating state/fault indication	green/red	
Cross-section area (Max.)	35mm ²	
Cross-section area (Min.)	4mm ²	
For mounting on	35mm Din rail	
Enclosure material	Thermalplastic UL94-V0	
Degree of protection	IP20	
Order Code	B8014	
Orde code (With remote signal)	B8016	