



■ NST□□□L Series

■ Specification

- Second protection main power
 - General quality type SPD
- Sine Wave tracking Filter(option)
- Redundant protection technology
- Maximum continuous operating voltage
 - Rated Voltage : 120~125%
- Operation Status
 - Red LED : Power Good
 - Green LED : SPD(Protection) Good
- Protection Mode : L-N, N-G, L-G(1Ø),
 L-N, N-G(3Ø),
 +-~, --G, +-G(DC)
- Protection method :
 - MOV(Metal Oxide Varistor)
 - Surge Suppression /Over current/
 Only SPD Fuse
 - Thermal runaway Fuse
- Surge life : 10,000 impulse 3KA
- Response time : 1 ~ 25 nanosecond
- Operating Frequency : DC ~ 400Hz, 50/60Hz
- Operating temperature : -40 ~ 85°C
- Operating humidity : 95% RH
- Mounting type : screw mounting type
- Connection : Parallel type
 / Terminal block
- Protection class : IP20
- Enclosure : Steel box type / NEMA 12 Meet



■ Application

- Second protection Main power
- UPS In/Out put power
- VMS Outdoor panel
- DAM & Water control center
- Broadcasting & Communication site
- Industrial plant
- Oil refinery
- Photovoltaic System
- Other Electrical Precision Equipment

■ Standards

- KS C IEC 62305
- KS C IEC 60364-4-44
- KS C IEC 61312-1
- KS C IEC 61643-1, 11 (2012)
 / Type 3
 / Class III
- Other relevant standards

■ Surge current (1.2/50uS, 8/20uS)

Model		Nominal voltage	MCOV	Surge current ((KA)				Protect Level(Up/KVpk)	
Discharge current/ type of Power		Uo(V)	Uc (Vrms/ Vdc)	I imp	I max/Mode	In	Phase	3KA	-
NST20L	-120S	1P 2W 120	150	-	20	10	40	0.4	-
NST26L	-120Y	3P 4W 120/208			26	13	52		
NST33L	-240P	1P 3W 120/240			33	16.5	66		
NST39L	-220S	1P 2W 220	39		19.5	78	0.8	-	
NST45L	-220D	3P 3W 220	45		22.5	90			
NST52L	-220Y	3P 4W 220/380	52		26	104	1.5	-	
NST65L	-380D	3P 3W 380	65		32.5	130			
NST85L	-480D	3P 3W 480	85		42.5	170	1.8	-	
NST104L	-480D	3P 3W 480	104		52	208			
NST130L	-277Y	3P 4W 277/480	130		65	260	1.0	-	
NST156L	-277Y	3P 4W 277/480	156	78	312				
NST176L	-150P	DC 2W 125	176	88	352	0.4	-		
NST208L	-150P	DC 2W 125	208	104	416				
NST234L	-250P	DC 2W 220	234	117	468	0.5	-		
NST266L	-250P	DC 2W 220	266	133	532				
NST300L	-500P	DC 2W 460	300	150	600	1.0	-		
NST320L	-500P	DC 2W 460	320	160	640				

Certification(inquiry) "KS C IEC 61643-11 : 2012, UL 1449 3rd (E332575)
 Dimension 120 X 203 X 40mm (20~85KA), 160 X 230 X 40mm (104~156KA), 190 X 245 X 40mm (176~320KA)
 * May be subject to change depending on the capacity and Operating voltage

* In(Nominal discharge current, 8/20uS)
 * Imax(Maximum discharge current, 8/20uS)