



**Lightning current and surge arresters kit, TN-S/TT kit, 3+1p**

**Part no.** SPBT12-280-3+NPE  
**Catalog No.** 158332  
**Alternate Catalog No.** SPBT12-280-3-NPE  
**EL-Nummer (Norway)** 1609779

**Delivery program**

Products	Surge arresters
Application field	Residential buildings Utility buildings Open areas

**Technical data ETIM 7.0**

Earthing, lightning and surge protection (EG000021) / Combined arrester for power supply systems (EC001457)		
Electric engineering, automation, process control engineering / Protection installation, device (electric) / Surge protection device (inner lightning protection) / Combined lightning current/surge arrester f. power supply s. (ecl@ss10.0.1-27-13-08-08 [ACN284011])		
System configuration DC		No
System configuration IT		Yes
System configuration TN		Yes
System configuration TN-C		No
System configuration TN-C-S		No
System configuration TN-S		Yes
System configuration TT		Yes
System configuration other		Yes
Number of poles		4
Lightning impulse current (10/350 µs)	kA	12.5
Max. continuous voltage AC	V	280
Max. continuous voltage DC	V	0
Nominal voltage AC	V	280
Nominal voltage DC	V	0
Max. PV-voltage	V	0
Voltage protection level	kV	0
Voltage protection level L-N	kV	1.5
Voltage protection level L-PE	kV	1.5
Voltage protection level N-PE	kV	100
Voltage protection level (DC+ - DC-)	kV	0
Voltage protection level (DC+/DC- - PE)	kV	0
Follow current extinguishing capability	kA	0
Specific energy (W/R)	kJ/Ohm	2500
Max. conductor cross section solid (solid, stranded)	mm <sup>2</sup>	25
Max. conductor cross section flexible (fine-strand)	mm <sup>2</sup>	35
Mounting method		DIN rail (top hat rail) 35 mm
Construction size		5 modular spacing
Remote signalling		No
Signalling at the device		Optic
Test class		Type 1 + 2
Exhausting		No
Integrated backup fuse		No
Energy-coordinated protection effect with regard to the terminal equipment		No
Degree of protection (IP)		IP20