DATASHEET - SPBT12-280/1

Lightning current and surge arresters, 12, 5 kA, L-(SU) N

Part no.	**SPBT12-280/1**
Catalog No.	**158306**
Alternate Catalog No.	**SPBT12-280-1**
EL-Nummer (Norway)	**1609773**

Delivery program

Products			Surge arresters
Application field			Residential buildings Utility buildings Open areas

Technical data ETIM 8.0

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		No
System configuration TN		Yes
System configuration TN-C		No
System configuration TN-C-S		No
System configuration TN-S		Yes
System configuration TT		No
System configuration other		Yes
Number of poles		1
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	1.5
Voltage protection level L-N	kV	0
Voltage protection level L-PE	kV	1.5
Voltage protection level N-PE	kV	0
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	39.1
Max. overcurrent protection device, parallel connection (fuse)	A	0
Max. overcurrent protection device, series connection (fuse)	A	160
Mounting method		DIN rail (top hat rail) 35 mm
Construction size		1 modular spacing
Max. conductor cross section solid (solid, stranded)	mm^2	25
Max. conductor cross section flexible (fine-strand)	mm^2	35
Remote signalling		No
Signalling at the device		Optic
Test class		Type 1 + 2
Integrated backup fuse		No
Energy-coordinated protection effect with regard to the terminal equipment		No
Voltage switching spark gap technology		No
Overcurrent protected voltage tapping		No
Degree of protection (IP)		IP20

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