DATASHEET - SPBT12-280/4

Lightning current and surge arresters kit, TN-S kit, 4p

Part no.	**SPBT12-280/4**
Catalog No.	**158331**
Alternate Catalog No.	**SPBT12-280-4**
EL-Nummer (Norway)	**1609778**

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			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	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			4 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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