



**Plug-in surge arresters, 3pole+N, 280VAC, 20 kA**

**Part no.** SPCT2-280-3+NPE  
**Catalog No.** 167620  
**Alternate Catalog No.** SPCT2-280-3NPE

**Delivery program**

Products		Surge arresters
Application field		Residential buildings Utility buildings Open areas

**Technical data ETIM 7.0**

Earthing, lightning and surge protection (EG000021) / Surge protection device for power supply systems (EC000941)		
Electric engineering, automation, process control engineering / Protection installation, device (electric) / Surge protection device (inner lightning protection) / Surge protection device for power supply systems (ecl@ss10.0.1-27-13-08-05 [ACN278011])		
System configuration DC		No
System configuration IT		Yes
System configuration TN		Yes
System configuration TN-C		No
System configuration TN-C-S		Yes
System configuration TN-S		Yes
System configuration TT		Yes
System configuration other		Yes
Number of conductors (without earthing)		3
Nominal discharge surge current (8/20)	kA	20
Nominal voltage AC	V	280
Nominal voltage DC	V	0
Short-circuit breaking capacity (Iscbr)	kA	0
Max. continuous voltage AC	V	280
Max. discharge surge current (8/20)	kA	40
Max. continuous voltage DC	V	0
Mounting method		DIN rail (top hat rail) 35 mm
Construction size		4 modular spacing
Max. PV-voltage	V	0
Voltage protection level	kV	1.4
Max. conductor cross section solid (solid, stranded)	mm <sup>2</sup>	25
Max. conductor cross section flexible (fine-strand)	mm <sup>2</sup>	35
Voltage protection level L-N	kV	0
Voltage protection level N-PE	kV	0
With remote signalling contact		No
Integrated backup fuse		No
Signalling at the device		Optic
Category type 2		Yes
Degree of protection (IP)		IP20