



## Surge arresters for wind energy, 690 V

Part no.  
Catalog No.

SPWT2-690-3P  
177262



## Delivery program

Products		Surge arresters
Application field		Residential buildings Utility buildings Open areas

## Design verification as per IEC/EN 61439

Technical data for design verification			
Rated operational current for specified heat dissipation	$I_n$	A	0
Heat dissipation per pole, current-dependent	$P_{vid}$	W	0
Equipment heat dissipation, current-dependent	$P_{vid}$	W	0
Static heat dissipation, non-current-dependent	$P_{vs}$	W	1.2
Heat dissipation capacity	$P_{diss}$	W	0
Operating ambient temperature min.		°C	-40
Operating ambient temperature max.		°C	80
			0

## Technical data ETIM 6.0

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@ss8.1-27-13-08-05 [ACN278008])			
System configuration			TN-C
Type of poles			3
Nominal discharge surge current (8/20)		kA	15
Nominal voltage AC		V	690
Nominal voltage DC		V	0
Max. continuous voltage AC		V	760
Max. continuous voltage DC		V	0
Max. PV-voltage		V	0
Voltage protection level		kV	2.9
Voltage protection level L-N		kV	0
Voltage protection level N-PE		kV	0
Short-circuit-proof			No
Mounting method			DIN rail (top hat rail) 35 mm
Construction size			3 modular spacing
Max. conductor cross section solid (solid, stranded)		mm <sup>2</sup>	35
Max. conductor cross section flexible (fine-strand)		mm <sup>2</sup>	25
With remote signalling contact			Yes
Integrated backup fuse			No
Signalling at the device			Optic
Category type 2			Yes
Degree of protection (IP)			IP20