



Transient voltage surge suppression module, SPRT12 L SPD insert

Part no. SPRT12-350
195237

General specifications		
Product name		Eaton Moeller series xPole - SPRT12 Surge protection device
Part no.		SPRT12-350
EAN		9010238084520
Product Length/Depth		35.5 millimetre
Product height		56.1 millimetre
Product width		44.8 millimetre
Product weight		0.242 kilogram
Compliances		RoHS conform
Product Tradename		xPole - SPRT12
Product Type		Surge protection device
Product Sub Type		None
Delivery program		
Application		Utility buildings Residential buildings Open areas
Number of poles		Zero-pole
Type		Surge arrester
Technical Data - Electrical		
Voltage protection level		1.5 kV
Voltage protection level (DC+ - DC-)		0 kV
Voltage protection level (DC+/DC- - PE)		0 kV
Voltage protection level (L-N)		1.5 kV
Voltage protection level (L-PE)		0 kV
Voltage protection level (N-PE)		0 kV
Nominal voltage at AC		240 V
Nominal voltage at DC		0 V
Continuous voltage at AC - max		350 V
Continuous voltage at DC - max		0 V
PV-voltage - max		0 V
Lightning impulse current (10/350 µs)		25 kA
Follow current extinguishing capability		50 kA
Signalling at the device		Optic
Specific energy (W/R)		160 kJ/Ohm
Technical Data - Mechanical		
Frame		2 modular spacing
Mounting method		On basic element
Conductor cross section (flexible, fine-strand) - max		0 mm²
Conductor cross section (solid, solid-strand) - max		0 mm²
Degree of protection		IP20
Additional information		
Functions		Energy-coordinated protection effect with regard to the terminal equipment
System configuration type		TN
Test class		Type 1 + 2

Technical data ETIM 9.0

Earthing, lightning and surge protection (EG000021) / Combined arrester for power supply systems (EC001457)
Electric engineering, automation, process control engineering / Internal and external lightning protection / Combined SPD for energy and information technology / Energy and MSR technology (ecI@ss13-27-17-16-01 [AHE455002])

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		No
System configuration TT		No
System configuration other		No
Number of poles		0
Lightning impulse current (10/350 µs)	kA	25
Max. continuous voltage AC	V	350
Max. continuous voltage DC	V	0
Nominal voltage AC	V	240
Nominal voltage DC	V	0
Max. PV-voltage	V	0
Voltage protection level	kV	1.5
Voltage protection level L-N	kV	1.5
Voltage protection level L-PE	kV	0
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	50
Specific energy (W/R)	kJ/Ohm	160
Max. overcurrent protection device, parallel connection (fuse)	A	0
Max. overcurrent protection device, series connection (fuse)	A	315
Mounting method		On basic element
Construction size		2 modular spacing
Max. conductor cross section solid (solid, stranded)	mm ²	0
Max. conductor cross section flexible (fine-strand)	mm ²	0
Remote signalling		No
Signalling at the device		Optical
Test class		Type 1 + 2
Integrated backup fuse		No
Energy-coordinated protection effect with regard to the terminal equipment		Yes
Voltage switching spark gap technology		No
Overcurrent protected voltage tapping		No
Degree of protection (IP)		IP20