



SPA312

SPD T1+T2+T3 3P 12.5kA with remote contact TN-C

Technical Features

Electric current

Max. discharge (I _{max}) L-N(PEN)/ N-PE	75 kA
---------------------------------------------------	-------

Network configuration

Network type	TN-C
--------------	------

Electric current

Leakage-current free	Yes
Max. overcurrent protection device, parallel connection (fuse)	160 A

Connectivity

Type of connection	Screw terminal
--------------------	----------------

Electric current

Lightning impulse current I _{imp} (10/350 μs) IEC 61643 L-N(PEN)/ N-PE	12.5 kA 37.5 kA
---------------------------------------------------------------------------------	--------------------

Equipment

With remote signalling contact	Yes
--------------------------------	-----

Capacity

Number of modules	4
-------------------	---

Voltage

Voltage protection level U _p according to IEC 61643-1	1.50 kV
Continuous operating voltage U _c according to IEC 61643-1	264 V
Rated operational voltage U _e	240 - 415 V
Voltage level U _p L-N/PEN IEC 61643-11	1.5 kV

Architecture

Number of poles	3
-----------------	---

Use conditions

Operating temperature	-40 - 80 °C
-----------------------	-------------

Dimensions

Height	99 mm
Width	72 mm
Depth	76.20 mm

Controls and indicators

With indicator lamp	Yes
---------------------	-----

Standards

Requirement class IEC 61643	T1 T2 T3
-----------------------------	----------------

Installation, mounting

Nominal tightening torque	3 - 4.5 Nm
---------------------------	------------

Connection

Cross-section of input and output with screws, for flexible conductors	2.5 - 25.0 mm ²
Cross-section of input and output with screws, for massive conductors	2.5 - 35.0 mm ²
Cross-section signal contact	0.2 - 25.0 mm ²

Frequency

Frequency	50 - 60 Hz
-----------	------------

Safety

Ingress Protection (IP) class	IP20
-------------------------------	------

Sustainability

REACH-SVHC free	Yes
RoHS conform	Yes