

RDC-SUP

Surge Protection Device - DC

- Surge protective devices provide protection from lightning current and over-voltage surges in photovoltaic applications from 48VDC to 1000Vdc.

-With the MOV(Metal Oxside Varistor), the over-voltage will be limited at the value of the voltage protection level of the unit. Our surge protector, as recommended in standards and guides, insure all protections (between +and-, + and Ground,-and Ground). On each surge arrest-er,as option, an available auxiliary contact will inform the end life status to ensure a maximum efficiency.

- It is in conformity of IEC61643-31.

Riken Electric Pty Ltd
Unit C & D, Guernsey Business Park, Saltus Street,
Irene, Pretoria, South Africa
Tel: 012 804 2226
www.riken.co.za

Type of SPD		Type 1+2, Class I+ II
With communication function		YES (Pluggable)
Poles	P	3P
Maximum continuous voltage (uc)	V	275/500/600/800/1000VDC
Nominal Discharge Current In 8/20s	kA	25
Maximum Discharge Current Imax 8/20s	kA	50
Response Time (L-N)	ns	< 25
Voltage protection level (Up)	kV	⩽ 1.8/2.5/3.0/3.6/4.5kV
Degree of protection		IP20
Insulating material / flammability class		PA66, UL94 V-0
Operating Temperature	℃	-25··· +80
Protective Elements		High energy MOV
Altitude	M	4000m
For mounting on		Din rail 35mm
Standard		IEC61643-31

PRIDUCT CODE EXAMPLE

BASE NO.	Discharge Current	POLES	Type	Votagle
RDC-SUP	25-50KA	3P	1+2/B+C	1000VDC

EXAMPLE RDC-SUP-3P-BC

Surge Protection Device

Dimension(mm) and Wiring

