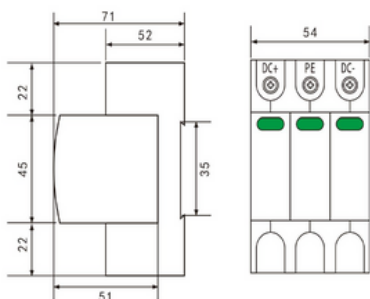
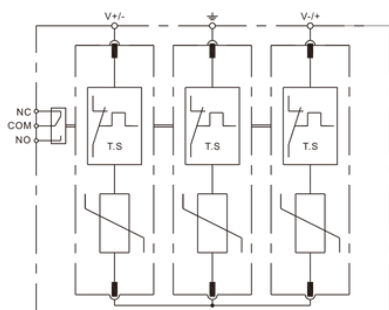




Dimension Drawing (mm)



Circuit diagram



RG2-PV1000-40-3

Description: DIN RAIL Mountable, Type 2 / Class II SPD for use in DC PV System

- Features:**
- ✓ Reliable Thermo-Disconnect Device
 - ✓ High Discharge Capacity
 - ✓ Visual and Remote Status Indication
 - ✓ Base + Pluggable Module
 - ✓ Multifunctional Terminals for connecting conductors and busbars
 - ✓ DIN Rail Mountable Installation

Approval: TUV,CE

Type Part No.	RG2-PV1000-40-3
Electrical	
SPD according to EN 50539-11 : 2013	Type 2
Technology	MOV
Max. continuous operating d.c. voltage (Uc _{pv})	1000V
Nominal discharge current (8/20 μs) (I _n)	20kA
Max. discharge current (8/20 μs) (I _{max})	40kA
Voltage Protection level (U _p)	4 kV
Response time (t _A)	≤25ns
Max. overcurrent protection	Not Required
Short-circuit withstand capacity (I _{scpv})	1000A
Mechanical	
Method of mounting	35mm DIN Rail Mountable
Enclosure dimensions (HxWxD)	89mm x 54mm x 71mm
Cross-sectional area (max.)	25 mm ² stranded / flexible
Cross-sectional area (min.)	1.5 mm ² stranded / flexible
Stripping length terminals	10mm
Torque contacts	3N*m
Environmental	
Location category	Indoor only
Operation temperature range (TU)	-40°C to +85°C
Relative humidity	≤95% (max 40 C)
Operation altitude	≤4000 m
Degree of protection	IP 20
Enclosure material	Thermoplastic, UL 94V-0
Indication	
Operating status/fault indication	Green / Red