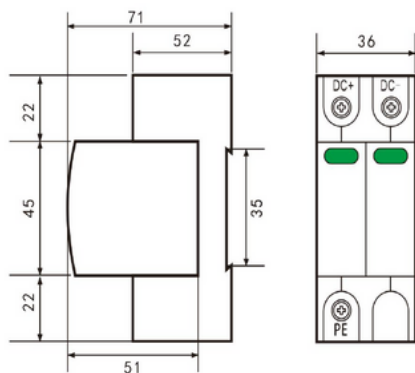
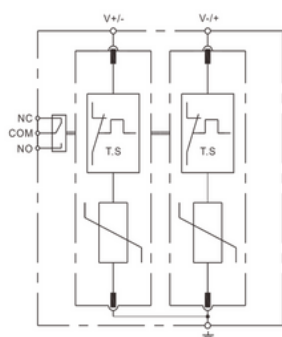




Dimension Drawing (mm)



Circuit diagram



RG2-PV1000-40-2

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-PV1000-40-2
Electrical	
SPD according to EN 50539-11 : 2013	Type 2
Technology	MOV
Max. continuous operating d.c. voltage (Ucpv)	1000V
Nominal discharge current (8/20 μ s) (In)	20kA
Max. discharge current (8/20 μ s) (Imax)	40kA
Voltage Protection level (Up)	4 kV
Response time (tA)	≤ 25 ns
Max. overcurrent protection	Not Required
Short-circuit withstand capacity (Iscpv)	1000A
Mechanical	
Method of mounting	35mm DIN Rail Mountable
Enclosure dimensions (HxWxD)	89mm x 36mm 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	$\leq 95\%$ (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