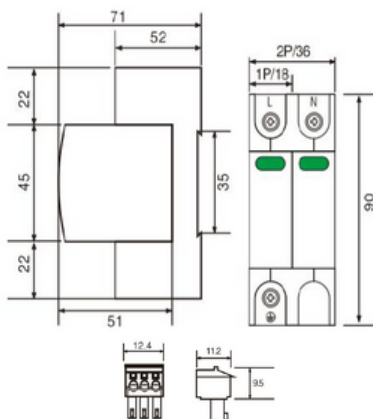
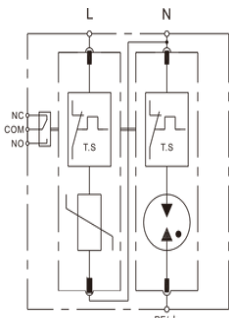




Dimension Drawing (mm)



Circuit diagram



RG2-AC320V-40-2(R)

Description: DIN RAIL Mountable, Type 2 / Class II SPD for use in AC 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-AC320V-40-2(R)
Electrical	
SPD according to IEC 61643-1/11 / EN 61643-11	Class II / Type 2
Identification Type	1+NPE
Technology	MOV+GDT
Max. continuous operating voltage (Uc)	320Vac (L-N), 255Vac (N-PE)
Nominal discharge current (8/20 μs) (In)	20kA
Max. discharge current (8/20 μs) (Imax)	40kA
Voltage protection level (Up)	1.5kV
Response time (tA)	≤ 25ns
Max. overcurrent protection	≤ 125AgL/gG
Short circuit withstand capability (Iscw)	25kArms
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	≤ 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
Type of remote signaling contact	Changeover
Switching capacity	125Vac /1A, 125Vdc / 0.2A
Cross-sectional area (max.)	1.5 mm ²
Stripping length for remote signaling terminals	7mm
Torque contacts for indication terminals	0.2 N*m

◆ Model numbers ending with R - Auxiliary contact for Remote Monitoring