

REP-BC25T1+T2-320-1S

- Combination T1+T2 SPD surge protector for single phase;
- Non exhausting encapsulated spark gap technology with extremely high surge capacity;
- High follow current extinction and limitation due to no follow current;
- Reliable supervision due to new LTR energy control technology;
- With remote signal contact optional and light failure indicator;



Model	REP-BC25T1+T2-320-1S
The SPD according to IEC/EN 61643-11	I+II/T1+T2
Energy coordination with terminal equipment(≤5m)	T1+T2+T3
Nominal AC voltage(Un)	230/400Vac(50/60Hz)
Maximum continuous voltage(Uc)	320Vac(50/60Hz)
Lightning impulse current(10/350μs) limp(L-N/N-PE)	25kA/50kA
Specific energy(L-N)/(N-PE)(W/R)	156.25kJ/ohms/312.50 kJ/ohms
Nominal discharge current(8/20μs) In(L-N/N-PE)	25kA /50kA
Response time	≤100ns
Voltage protection level Up@In	≤1.5 kV
Voltage protection level Up@6kV(1.2/50μs)	≤1.0 kV
Follow current extinguishing capability a.c. Ifi(L-N/N-PE)	25kArms/100Arms
Follow current limitation/Selectivity	No tripping of a 32 A gG fuse up to 25kArms(prosp)
Temporary overvoltage (TOV)(L-N)(U _T)-Characteristic	≥440V/120min.-withstand
Temporary overvoltage (TOV)(N-PE)(U _T)-Characteristic	≥1200V/200ms-withstand
Additional abnormal voltage test:485Vac/50Hz for 24h	withstand
Let-Through-Energy in combination with an MOV S20K275 limp 0÷25kA(10/350us)	< 0.5J
Remote alarm contact	NC/C,
Remote alarm contact capability Un/In	AC:250V/0.5A DC:250V/0.1A;75V/0.5A
Remote alarm contact connecting wire	Max.1.5mm ² or #16AWG
Operating temperature range	-40℃...+85℃
Fault indicator	Light off (OK); Light on(Fault)
Cross-sectional area (min.)	1.5mm ² solid/flexible
Cross-sectional area (max.)	35mm ² stranded/25mm ² flexible
For mounting on	35mm DIN rail
Enclosure material	Red thermoplastic, UL 94 V-0
Degree of protection	IP 20
Size	4 modules
Dimensions(mm)	Diagram
	