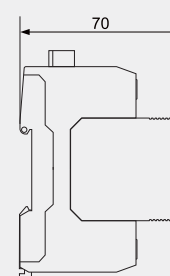
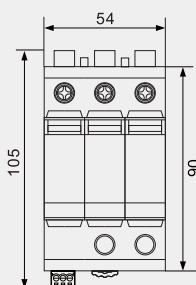
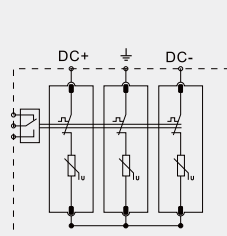
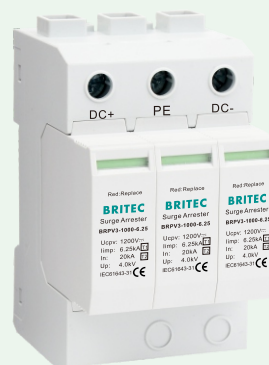


## BRPV3 T1

### Type 1+2 DC Surge Arrester for PV



3 Mod		BRPV3-600-6.25	BRPV3-1000-6.25	BRPV3-1500-6.25
SPD classification according to EN61643-31/IEC61643-31		Type 1 + Type 2 / Class I + Class II		
Max. continuous operating dc voltage	Ucpv	600V	1200V	1500V
Lightning impulse current (10/350µs)	Iimp	6.25kA	6.25kA	6.25kA
Nominal discharge current (8/20µs)	In	20kA	20kA	20kA
Max. discharge current (8/20µs)	I <sub>max</sub>	40kA	40kA	40kA
Specific energy	W/R	9.76kJ/Ω	9.76kJ/Ω	9.76kJ/Ω
Voltage protection level [(DC+/DC-)->PE]	Up	≤ 2.2kV	≤ 4.0kV	≤ 5.2kV
Leakage current	I <sub>PE (DC)</sub>	<0.02mA	<0.02mA	<0.02mA
Short circuit current	Iscpv	10kA	10kA	10kA
Response time	t <sub>A</sub>	≤ 25ns	≤ 25ns	≤ 25ns
Operating temperature range	T <sub>u</sub>	-40°C -80°C	-40°C -80°C	-40°C -80°C
Operating state/fault indication		green/red	green/red	green/red
Cross-section area (Min.)		4mm <sup>2</sup>	4mm <sup>2</sup>	4mm <sup>2</sup>
Cross-section area (Max.)		35mm <sup>2</sup>	35mm <sup>2</sup>	35mm <sup>2</sup>
For mounting on		35mm Din rail	35mm Din rail	35mm Din rail
Enclosure material		Thermoplastic UL94-V0	Thermoplastic UL94-V0	Thermoplastic UL94-V0
Degree of protection		IP20	IP20	IP20
Order Code		B18070	B18072	B18074
Order code (With remote signal)		B18071	B18073	B18075