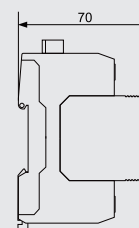
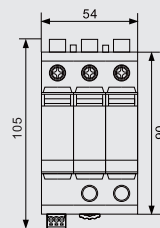
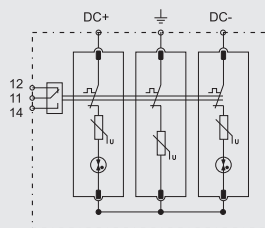
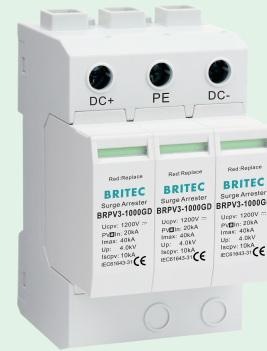


## BRPV3GD

Type 2 DC Surge Arrester for PV



3 Mod free leakage current		BRPV3 600 GD	BRPV3 1000 GD
SPD classification according to EN61643-31/IEC61643-31		Type 2 / Class II	Type 2 / Class II
Max. continuous operating dc voltage	Ucpv	600V	1200V
Nominal discharge current (8/20μs)	In	20kA	20kA
Max. discharge current (8/20μs)	I <sub>max</sub>	40kA	40kA
Voltage protection level [(DC+/DC-)→PE]	Up	≤ 2.2kV	≤ 4.0kV
Leakage current	I <sub>PE(DC)</sub>	None	None
Short circuit current	I <sub>scpv</sub>	10kA	10kA
Response time	t <sub>A</sub>	≤ 100ns	≤ 100ns
Operating temperature range	T <sub>u</sub>	-40°C -80°C	-40°C -80°C
Operating state/fault indication		green/red	green/red
Cross-section area (Min.)		4mm <sup>2</sup>	4mm <sup>2</sup>
Cross-section area (Max.)		35mm <sup>2</sup>	35mm <sup>2</sup>
For mounting on		35mm Din rail	35mm Din rail
Enclosure material		Thermoplastic UL94-V0	Thermoplastic UL94-V0
Degree of protection		IP20	IP20
Order Code		B18005	B18006
Order code (With remote signal)		B18007	B18008