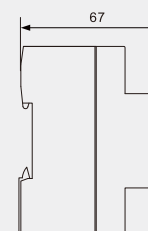
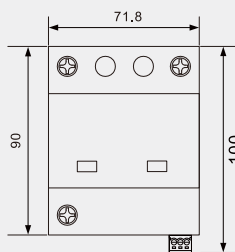
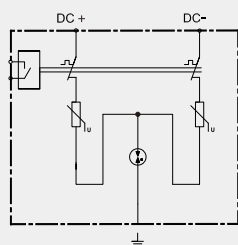


BRPV3 VG

Type 1+2 DC Surge Arrester for PV



		BRPV3-600-12.5VG	BRPV3-1000-12.5VG
SPD classification according to EN61643-31/IEC61643-31		Type 1 + Type 2 / Class I + Class II	
Max. continuous operating dc voltage	U_{cpv}	600V	1200V
Lightning impulse current (10/350 μ s)	I_{imp}	12.5kA	12.5kA
Nominal discharge current (8/20 μ s)	I_n	25kA	25kA
Max. discharge current (8/20 μ s)	I_{max}	60kA	60kA
Specific energy	W/R	39kJ/ Ω	39kJ/ Ω
Voltage protection level [(DC+/DC-) \rightarrow PE]	U_p	$\leq 2.6kV$	$\leq 4.0kV$
Leakage current	$I_{PE(DC)}$	$<0.01mA$	$<0.01mA$
Short circuit current	I_{scpv}	10kA	10kA
Response time	t_A	$\leq 25ns$	$\leq 25ns$
Operating temperature range	T_u	-40 $^{\circ}C$ -80 $^{\circ}C$	-40 $^{\circ}C$ -80 $^{\circ}C$
Operating state/fault indication		green/red	green/red
Cross-section area (Min.)		4mm ²	4mm ²
Cross-section area (Max.)		35mm ²	35mm ²
For mounting on		35mm Din rail	35mm Din rail
Enclosure material		Thermoplastic UL94-V0	
Degree of protection		IP20	IP20
Order Code		B18001	B18002
Order code (With remote signal)		B18003	B18004