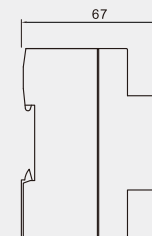
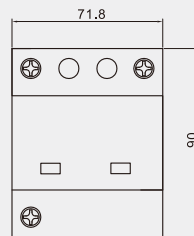
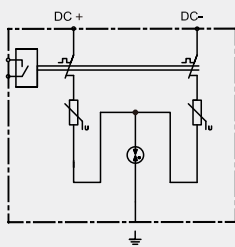


DC Surge Arrester for pv

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BRPV3 T1

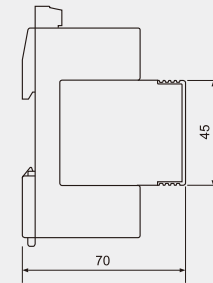
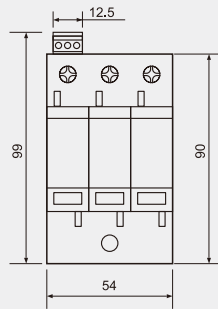
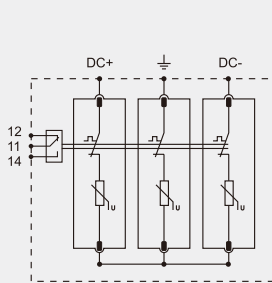
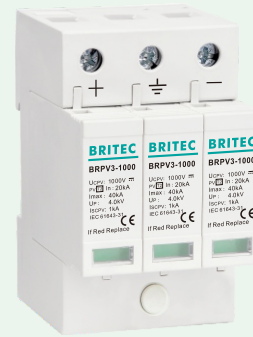
Type 1+2 DC Surge Arrester for PV



| | | BRPV3 600T1 | BRPV3 1000T1 |
|--|------------------|--------------------------------------|-------------------|
| SPD classification according to IEC61643-31 / EN61643-31 | | Type 1 + Type 2 / Class I + Class II | |
| Max. continuous operating dc voltage | U _{cpv} | 600V | 1000V |
| Lightning impulse current (10/350 μs) | I _{imp} | 12.5kA | 12.5kA |
| Nominal discharge current (8/20 μs) | I _n | 20kA | 20kA |
| Max. discharge current (8/20 μs) | I _{max} | 50kA | 50kA |
| Voltage protection level [(DC+/DC-)→PE] | U _p | ≤ 2.6kV | ≤ 4.0kV |
| Response time | t _A | ≤ 25ns | ≤ 25ns |
| Operating temperature range | T _u | -40°C -80°C | -40°C -80°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 | | B8001 | B8002 |
| Order code (With remote signal) | | B8003 | B8004 |

BRPV3

Type 2 DC Surge Arrester for PV

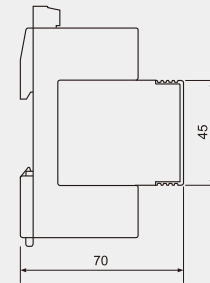
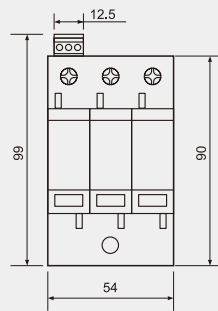
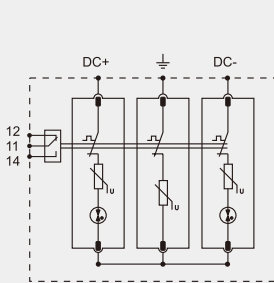


| 3 Mod | | BRPV3 600 | BRPV3 1000 | BRPV3 1500 |
|--|------------------|-----------------------|-----------------------|-----------------------|
| SPD classification according to IEC61643-31 / EN61643-31 | | Type 2 / Class II | Type 2 / Class II | Type 2 / Class II |
| Max. continuous operating dc voltage | Ucpv | 600V | 1000V | 1500V |
| Nominal discharge current (8/20 μs) | In | 20kA | 20kA | 20kA |
| Max. discharge current (8/20 μs) | I _{max} | 40kA | 40kA | 40kA |
| Voltage protection level [(DC+/DC-)→PE] | Up | ≤ 2.6kV | ≤ 4.0kV | ≤ 5.2kV |
| Response time | t _A | ≤ 25ns | ≤ 25ns | ≤ 25ns |
| Operating temperature range | T _u | -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 ² | 4mm ² | 4mm ² |
| Cross-section area (Max.) | | 35mm ² | 35mm ² | 35mm ² |
| 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 | | B8009 | B8010 | B8018 |
| Order code (With remote signal) | | B8011 | B8012 | B8019 |

BRPV3GD

Type 2 DC Surge Arrester for PV

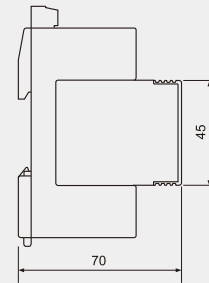
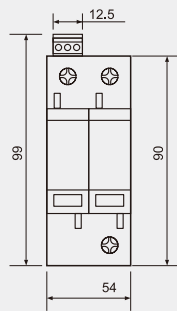
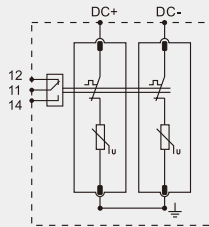
* No leakage current



| 3 Mod free leakage current | | BRPV3 600 GD | BRPV3 1000 GD |
|--|------------------|-----------------------|-----------------------|
| SPD classification according to IEC61643-31 / EN61643-31 | | Type 2 / Class II | Type 2 / Class II |
| Max. continuous operating dc voltage | Ucpv | 600V | 1000V |
| Nominal discharge current (8/20 μs) | In | 20kA | 20kA |
| Max. discharge current (8/20 μs) | I _{max} | 40kA | 40kA |
| Voltage protection level [(DC+/DC-)→PE] | Up | ≤ 2.6kV | ≤ 4.0kV |
| Response time | t _A | ≤ 100ns | ≤ 100ns |
| Operating temperature range | T _u | -40°C -80°C | -40°C -80°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 | Thermoplastic UL94-V0 |
| Degree of protection | | IP20 | IP20 |
| Order Code | | B8005 | B8006 |
| Order code (With remote signal) | | B8007 | B8008 |

BRPV2

Type 2 DC Surge Arrester



| 2 Mod | | BRPV2 600 |
|--|------|-----------------------|
| SPD classification according to IEC61643-31 / EN61643-31 | | Type 2 / Class II |
| Max. continuous operating dc voltage | Ucpv | ≤ 600V |
| Nominal discharge current (8/20μs) | In | 20kA |
| Max. discharge current (8/20 μ. s) | Imax | 40kA |
| Voltage protection level | Up | ≤ 2.6kV |
| Response time | tA | ≤ 25ns |
| Operating temperature range | Tu | -40°C -80°C |
| Operating state/fault indication | | green/red |
| Cross-section area (Min.) | | 4mm ² |
| Cross-section area (Max.) | | 35mm ² |
| For mounting on | | 35mm Din rail |
| Enclosure material | | Thermoplastic UL94-V0 |
| Degree of protection | | IP20 |
| Order Code | | B8013 |
| Orde code (With remote signal) | | B8015 |