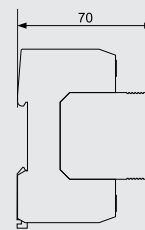
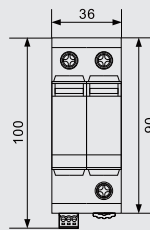
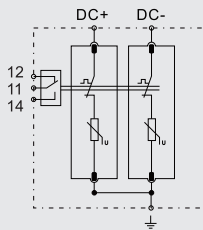
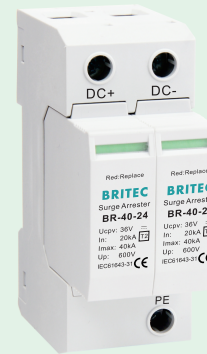


## BR-40 DC

### Type 2 DC Surge Arrester



2 Mod		BR-40-24	BR-40-48	BR-40-75	BR-40-110
SPD classification according to EN61643-31		Type 2	Type 2	Type 2	Type 2
SPD classification according to IEC61643-31		Class II	Class II	Class II	Class II
Nominal voltage	Un	24V	48V	75V	110V
Max. continuous operating d.c. voltage	Ucpv	36V	65V	80V	180V
Nominal discharge current (8/20 μs)	In	20kA	20kA	20kA	20kA
Max. discharge current (8/20 μs)	I <sub>max</sub>	40kA	40kA	40kA	40kA
Voltage protection level	Up	≤600V	≤700V	≤800V	≤900V
Leakage current	I <sub>PE(DC)</sub>	<0.02mA	<0.02mA	<0.02mA	<0.02mA
Short circuit current	I <sub>scpv</sub>	10kA	10kA	10kA	10kA
Response time	t <sub>A</sub>	≤25ns	≤25ns	≤25ns	≤25ns
Operating temperature range	T <sub>u</sub>	-40°C-80°C	-40°C-80°C	-40°C-80°C	-40°C-80°C
Operating state/fault indication		green/red	green/red	green/red	green/red
Cross-section area (Min.)		4 mm <sup>2</sup>	4 mm <sup>2</sup>	4 mm <sup>2</sup>	4 mm <sup>2</sup>
Cross-section area(Max.)		35mm <sup>2</sup>	35mm <sup>2</sup>	35mm <sup>2</sup>	35mm <sup>2</sup>
For mounting on		35mm Din rail	35mm Din rail	35mm Din rail	35mm Din rail
Enclosure material		Thermoplastic UL94-V0			
Degree of protection		IP20	IP20	IP20	IP20
Order Code		B18065	B18055	B18057	B18059
Order Code (With remote signaling)		B18066	B18056	B18058	B18060