

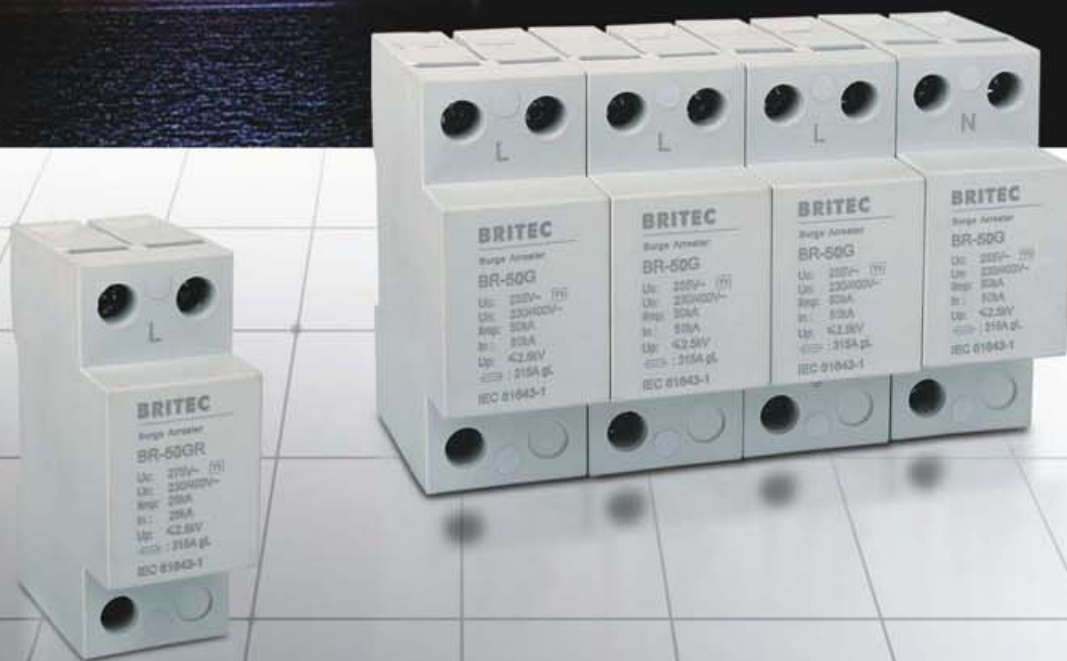
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Product Catalogue

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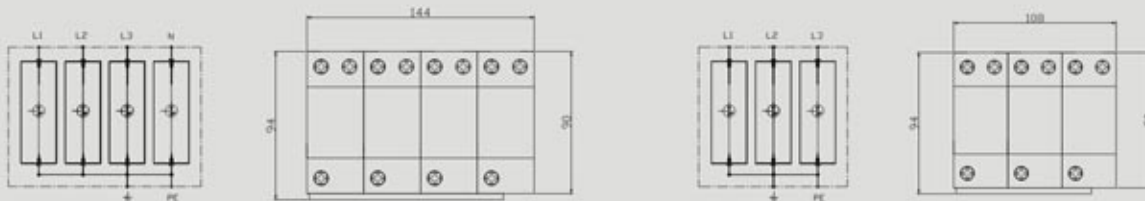




Type 1 Surge Arrester 一级电涌保护器

BR-50G 4P/3P

Type 1 Surge Arrester
一级电涌保护器



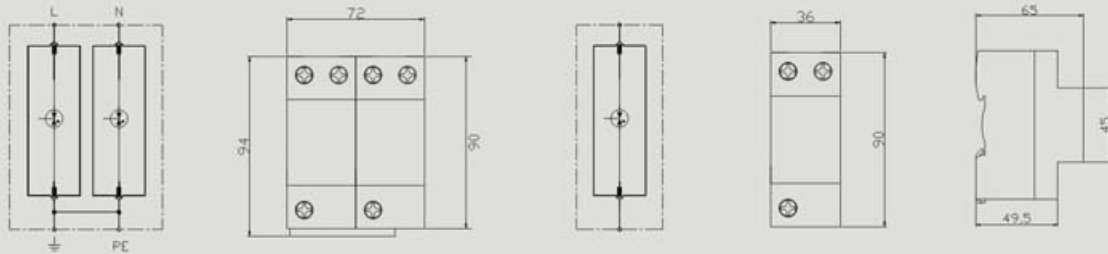
- BR-50G 4P is suitable for TN-S system, BR-50G 3P is suitable for TN-C system.
BR-50G 4P电涌保护器适用于TN-S系统, BR-50G 3P适用于TN-C系统。

	BR-50G 4P	BR-50G 3P
SPD classification according to IEC61643-11	Type 1	Type 1
SPD classification according to IEC61643-1	Class I	Class I
Max. continuous operating a.c. voltage U_c	255V	255V
Lightning impulse current (10/350 μ s) I_{imp}	50kA	50kA
Norminal discharge current (8/20 μ s) I_n	50kA	50kA
Voltage protection level U_p	$\leq 2.0kV$	$\leq 2.0kV$
Follow current extinguishing capability a.c. I_{fi}	10kA rms	10kA rms
Max. backup fuse	500A gL	500A gL
Response time t_A	$\leq 100ns$	$\leq 100ns$
Operating temperature range T_u	-40°C-80°C	-40°C-80°C
Cross-section area (Min.)	10mm ²	10mm ²
Cross-section area (Max.)	35mm ²	35mm ²
For mounting on	35mm Din rail	35mm Din rail
Enclosure material	Thermalplastic UL94-V0	Thermalplastic UL94-V0
Degree of protection	IP20	IP20
Order Code	B8141	B8131



BR-50G 2P/1P

Type 1 Surge Arrester
一级电涌保护器



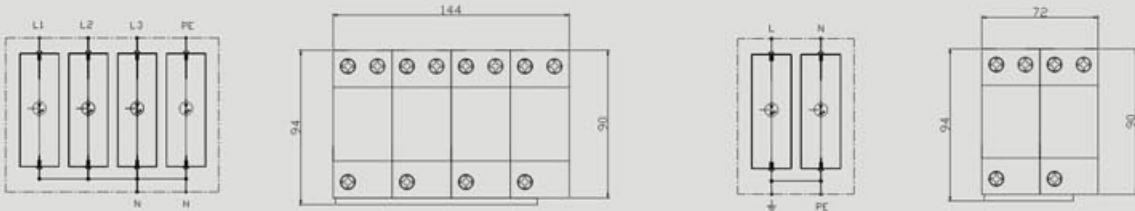
- BR-50G 2P surge arrester is suitable for single-phase TN system.
BR-50G 2P 电涌保护器适用于TN系统。

	BR-50G 2P	BR-50G 1P
SPD classification according to IEC61643-11	Type 1	Type 1
SPD classification according to IEC61643-1	Class I	Class I
Max. continuous operating a.c. voltage U_c	255V	255V
Lightning impulse current (10/350 μ s) I_{imp}	50kA	50kA
Norminal discharge current (8/20 μ s) I_n	50kA	50kA
Voltage protection level U_p	$\leq 2.0kV$	$\leq 2.0kV$
Follow current extinguishing capability a.c. I_{fi}	10kA rms	10kA rms
Max. backup fuse	500A gL	500A gL
Response time t_A	$\leq 100ns$	$\leq 100ns$
Operating temperature range T_u	$-40^{\circ}C-80^{\circ}C$	$-40^{\circ}C-80^{\circ}C$
Cross-section area (Min.)	10mm ²	10mm ²
Cross-section area (Max.)	35mm ²	35mm ²
For mounting on	35mm Din rail	35mm Din rail
Enclosure material	Thermalplastic UL94-V0	Thermalplastic UL94-V0
Degree of protection	IP20	IP20
Order Code	B8121	B8111



BR-50G 3+1/1+1

Type 1 Surge Arrester
一级电涌保护器



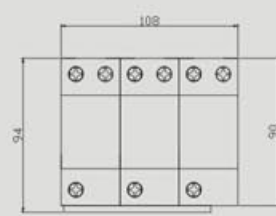
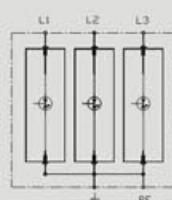
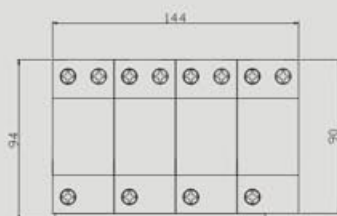
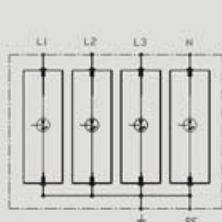
□ BR-50G 3+1 and 1+1 surge arrester is suitable for TT system.
BR-50G 3+1和1+1 电涌保护器适用于TT系统。

		BR-50G 3+1	BR-50G 1+1
SPD classification according to IEC61643-11		Type 1	Type 1
SPD classification according to IEC61643-1		Class I	Class I
Max. continuous operating a.c. voltage	Uc	255V	255V
Lightning impulse current (10/350 μs)	Iimp	50kA	50kA
Norminal discharge current (8/20 μs)	In	50kA	50kA
Voltage protection level	Up	≤2.0kV/≤1.5kV	≤2.0kV/≤1.5kV
Follow current extinguishing capability a.c.	I _{fi}	10kA rms/100A rms	10kA rms/100A rms
Max. backup fuse		500A	500A
Response time	t _A	≤100ns	≤100ns
Operating temperature range	T _u	-40°C-80°C	-40°C-80°C
Cross-section area (Min.)		10mm ²	10mm ²
Cross-section area (Max.)		35mm ²	35mm ²
For mounting on		35mm Din rail	35mm Din rail
Enclosure material		Thermalplastic UL94-V0	Thermalplastic UL94-V0
Degree of protection		IP20	IP20
Order Code		B8161	B8151



BR-25GR 4P/3P

Type 1 Surge Arrester
一级电涌保护器



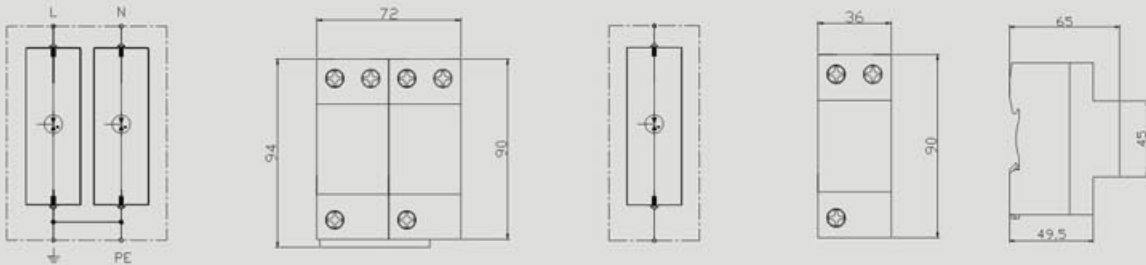
□ BR-25GR 4P is suitable for TN-S system, BR-25GR 3P is suitable for TN-C system.
BR-25GR 4P 电涌保护器适用于 TN-S 系统, BR-25GR 3P 适用于 TN-C 系统。

		BR-25GR 4P	BR-25GR 3P
SPD classification according to IEC61643-11		Type 1	Type 1
SPD classification according to IEC61643-1		Class I	Class I
Max. continuous operating a.c. voltage	Uc	275V	275V
Lightning impulse current (10/350 μs)	Iimp	25kA	25kA
Norminal discharge current (8/20 μs)	In	25kA	25kA
Voltage protection level	Up	≤2.5kV	≤2.5kV
Follow current extinguishing capability a.c.	I _{fi}	2.5kA rms	2.5kA rms
Max. backup fuse		315A	315A
Response time	t _A	≤100ns	≤100ns
Operating temperature range	Tu	-40°C-80°C	-40°C-80°C
Cross-section area (Min.)		10mm ²	10mm ²
Cross-section area (Max.)		35mm ²	35mm ²
For mounting on		35mm Din rail	35mm Din rail
Enclosure material		Thermalplastic UL94-V0	Thermalplastic UL94-V0
Degree of protection		IP20	IP20
Order Code		B8145	B8135



BR-25GR 2P/1P

Type 1 Surge Arrester
一级电涌保护器

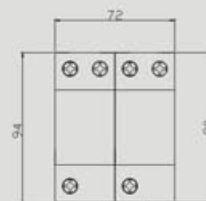
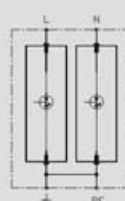
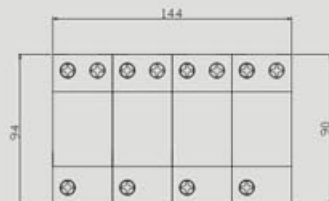
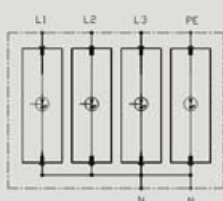


- BR-25GR 2P surge arrester is suitable for single-phase TN system.
BR-25GR 2P 电涌保护器适用于TN系统。

		BR-25GR 2P	BR-25GR 1P
SPD classification according to IEC61643-11		Type 1	Type 1
SPD classification according to IEC61643-1		Class I	Class I
Max. continuous operating a.c. voltage	Uc	275V	275V
Lightning impulse current (10/350 μs)	Iimp	25kA	25kA
Norminal discharge current (8/20 μs)	In	25kA	25kA
Voltage protection level	Up	≤2.5kV	≤2.5kV
Follow current extinguishing capability a.c.	I _{fi}	2.5kA rms	2.5kA rms
Max. backup fuse		315A gL	315A gL
Response time	t _A	≤100ns	≤100ns
Operating temperature range	T _u	-40°C-80°C	-40°C-80°C
Cross-section area (Min.)		10mm ²	10mm ²
Cross-section area (Max.)		35mm ²	35mm ²
For mounting on		35mm Din rail	35mm Din rail
Enclosure material		Thermalplastic UL94-V0	Thermalplastic UL94-V0
Degree of protection		IP20	IP20
Order Code		B8125	B8115

BR-25GR 3+1/1+1

Type 1 Surge Arrester
一级电涌保护器



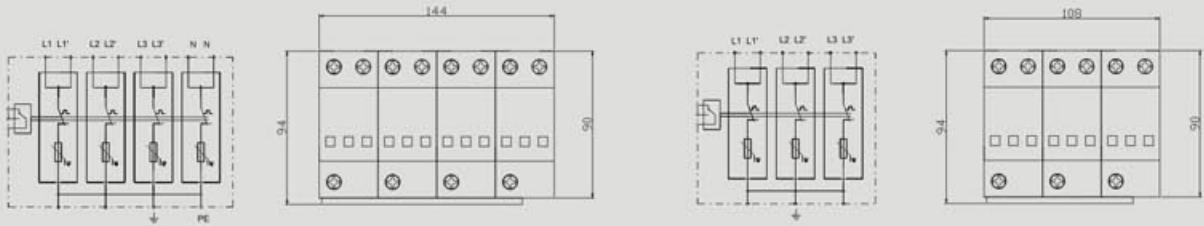
- BR-50G 3+1 and 1+1 surge arrester is suitable for TT system.
BR-50G 3+1和1+1 电涌保护器适用于TT系统。

	BR-25GR 3+1	BR-25GR 1+1
SPD classification according to IEC61643-1	Type 1	Type 1
SPD classification according to IEC61643-1	Class I	Class I
Max. continuous operating a.c. voltage U _c	275V	275V
Lightning impulse current (10/350 μs) I _{imp}	25kA	25kA
Norminal discharge current (8/20 μs) I _n	25kA	25kA
Voltage protection level U _p	≤2.5kV	≤2.5kV
Follow current extinguishing capability a.c. I _{fi}	2.5kA rms	2.5kA rms
Max. backup fuse	315A	315A
Response time t _A	≤100ns	≤100ns
Operating temperature range T _u	-40°C-80°C	-40°C-80°C
Cross-section area (Min.)	10mm ²	10mm ²
Cross-section area (Max.)	35mm ²	35mm ²
For mounting on	35mm Din rail	35mm Din rail
Enclosure material	Thermalplastic UL94-V0	Thermalplastic UL94-V0
Degree of protection	IP20	IP20
Order Code	B8165	B8155



BR-25M 4P/3P

Type 1+Type 2 Surge Arrester
一级加二级电涌保护器

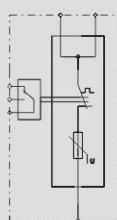
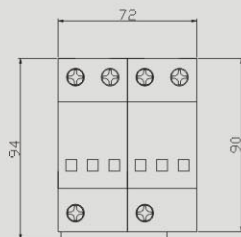
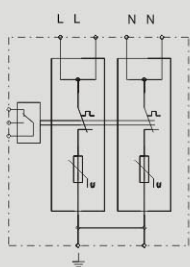


- BR-25M 4P is suitable for TN-S system, BR-25GR 3P is suitable for TN-C system.
BR-25M 4P电涌保护器适用于TN-S系统, BR-25GR 3P适用于TN-C系统。

		BR-25M 4P		BR-25M 3P	
		Type 1	Type 2	Type 1	Type 2
SPD classification according to IEC61643-11		Class I	Class II	Class I	Class II
SPD classification according to IEC61643-1		Class I	Class II	Class I	Class II
Max. continuous operating a.c. voltage	Uc	275V		275V	
Lightning impulse current (10/350 μs)	Iimp	25kA		25kA	
Norminal discharge current (8/20 μs)	In	25kA		25kA	
Maximum discharge current (8/20 μs)	I _{max}	160kA		160kA	
Voltage protection level	Up	≤1.2kV		≤1.2kV	
Max. backup fuse		315A gL		315A gL	
Response time	t _A	≤25ns		≤25ns	
Operating temperature range	T _u	-40°C-80°C		-40°C-80°C	
Cross-section area (Min.)		10mm ²		10mm ²	
Cross-section area (Max.)		35mm ²		35mm ²	
For mounting on		35mm Din rail		35mm Din rail	
Enclosure material		Thermalplastic UL94-V0		Thermalplastic UL94-V0	
Degree of protection		IP20		IP20	
Order Code		B8143		B8133	
Order Code (With remote signaling)		B8144		B8134	

BR-25M 2P/1P

Type 1+Type 2 Surge Arrester
一级加二级电涌保护器

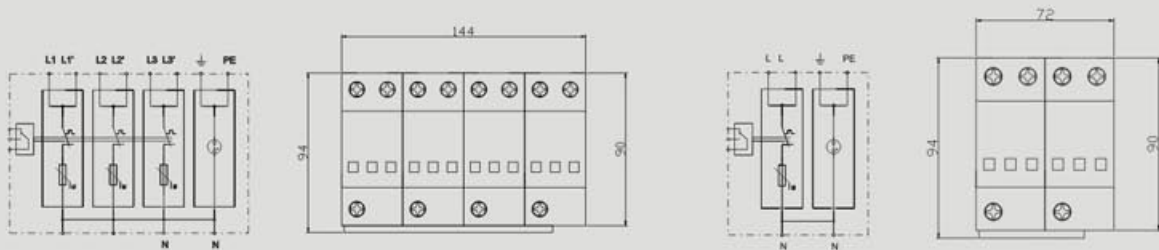


- BR-25M 2P surge arrester is suitable for single-phase TN system.
BR-25M 2P 电涌保护器适用于TN系统。

		BR-25M 2P		BR-25M 1P	
		Type 1	Type 2	Type 1	Type 2
SPD classification according to IEC61643-11		Type 1 Type 2		Type 1 Type 2	
SPD classification according to IEC61643-1		Class I Class II		Class I Class II	
Max. continuous operating a.c. voltage	Uc	275V		275V	
Lightning impulse current (10/350 μs)	Iimp	25kA		25kA	
Norminal discharge current (8/20 μs)	In	25kA		25kA	
Voltage protection level	Up	≤1.2kV		≤1.2kV	
Max. backup fuse		315 A gL		315 A gL	
Response time	tA	≤25ns		≤25ns	
Operating temperature range	Tu	-40°C-80°C		-40°C-80°C	
Cross-section area (Min.)		10mm ²		10mm ²	
Cross-section area (Max.)		35mm ²		35mm ²	
For mounting on		35mm Din rail		35mm Din rail	
Enclosure material		Thermalplastic UL94-V0		Thermalplastic UL94-V0	
Degree of protection		IP20		IP20	
Order Code		B8123		B8113	
Order Code (With remote signaling)		B8124		B8114	



BR-25M 3P+NPE/1P+NPE Type 1+Type 2 Surge Arrester 一级加二级电涌保护器



- BR-25M 3+1 and 1+1 surge arrester is suitable for TT system.
BR-25M 3+1和1+1 电涌保护器适用于TT系统。

		BR-25M 3+1		BR-25M 1+1	
		Type 1	Type 2	Type 1	Type 2
SPD classification according to IEC61643-11		Type 1 Type 2		Type 1 Type 2	
SPD classification according to IEC61643-1		Class I Class II		Class I Class II	
Max. continuous operating a.c. voltage	Uc	275V		275V	
Lightning impulse current (10/350 μs)	Iimp	25kA		25kA	
Norminal discharge current (8/20 μs)	In	25kA/100kA(NPE)		25kA/100kA(NPE)	
Voltage protection level	Up	≤1.2kV ≤1.5kV		≤1.2kV ≤1.5kV	
Follow current extinguishing capability a.c.	I _{fi}	100A rms(NPE)		100A rms(NPE)	
Max. backup fuse		315 A gL		315 A gL	
Response time	t _A	≤25ns/ ≤100ns		≤25ns/ ≤100ns	
Operating temperature range	Tu	-40°C-80°C		-40°C-80°C	
Cross-section area (Min.)		10mm ²		10mm ²	
Cross-section area (Max.)		35mm ²		35mm ²	
For mounting on		35mm Din rail		35mm Din rail	
Enclosure material		Thermalplastic UL94-V0		Thermalplastic UL94-V0	
Degree of protection		IP20		IP20	
Order Code		B8163		B8153	
Order Code (With remote signaling)		B8164		B8154	