

Low voltage contactor used ceramic vacuum interrupter TJC-1.14/125(BGE505)



Vacuum Tube main technique parameter

No.	Parameter name		Unit	Value
1	Rated voltage		kV	1.14
2	Rated current		A	125
3	Rated frequency		Hz	50
4	Rated put through current		A	1250
5	Rated breaking current		A	1000
6	Limiting breaking current		A	1250
7	Rated short-time withstand current		A	1000
8	Rated short-time withstand voltage		kA	10
9	Mechanical life		time	1000000
10	Rated breaking time	AC3 Series	time	150000
		AC4 Series		6000
11	Contact antomatic blocking ability		N	25±10
12	Force required to hold contacts open at full stork		N	40±10
13	Contact automatic blocking ability loop electrical resistance		μΩ	≤120
14	Contact-wear allowance tickness		mm	2
15	Shelf life		year	20
16	Internal gas pressure		Pa	≤1.33×10 ⁻³

Low voltage contactor used ceramic vacuum interrupter TJC-1.14/250 (BGE506)



Vacuum Tube main technique parameter

No.	Parameter name	Unit	Value
1	Rated voltage	kV	1.14
2	Rated current	A	250
3	Rated frequency	Hz	50
4	Rated put through current	A	2500
5	Rated breaking current	A	2000
6	Limiting breaking current	A	2500
7	Rated short-time withstand current	A	2000
8	Rated short-time withstand voltage	kA	10
9	Mechanical life	time	1000000
10	Rated breaking time	AC3 Series	150000
		AC4 Series	6000
11	Contact antomatic blocking ability	N	50±10
12	Force required to hold contacts open at full stork	N	60±10
13	Contact automatic blocking ability loop electrical resistance	μΩ	≤120
14	Contact-wear allowance tickness	mm	2
15	Shelf life	year	20
16	Internal gas pressure	Pa	≤1.33×10 ⁻³

Low-voltage contactor used ceramic vacuum interrupter TJC-1.14/400 (BGE507)



Vacuum Tube main technical parameter

No.	Parameter name		Unit	Value
1	Rated voltage		kV	1.14
2	Rated current		A	400
3	Rated frequency		Hz	50
4	Rated put through current		A	4000
5	Rated breaking current		A	3200
6	Limiting breaking current		A	4000
7	Rated short-time withstand current		A	3200
8	Rated short-time withstand voltage		kA	10
9	Mechanical life		time	1000000
10	Rated breaking time	AC3 Series	time	150000
		AC4 Series		6000
11	Contact automatic blocking ability		N	60±20
12	Force required to hold contacts open at full stork		N	80±20
13	Contact automatic blocking ability loop electrical resistance		μΩ	≤100
14	Contact-wear allowance tickness		mm	2
15	Shelf life		year	20
16	Internal gas pressure		Pa	≤1.33×10 ⁻³

Low-voltage contactor used ceramic vacuum interrupter TJC-1.14/630(BGE508)



Vacuum Tube main technical parameter

No.	Parameter name	Unit	Value
1	Rated voltage	kV	1.14
2	Rated current	A	630
3	Rated frequency	Hz	50
4	Rated put through current	A	6000
5	Rated breaking current	A	4800
6	Limiting breaking current	A	6000
7	Rated short-time withstand current	A	4800
8	Rated short-time withstand voltage	kA	10
9	Mechanical life	time	1000000
10	Rated breaking time	AC3 Series	150000
		AC4 Series	
11	Contact automatic blocking ability	N	70±20
12	Force required to hold contacts open at full stork	N	90±20
13	Contact automatic blocking ability loop electrical resistance	μΩ	≤80
14	Contact-wear allowance tickness	mm	2
15	Shelf life	year	20
16	Internal gas pressure	Pa	≤1.33×10 ⁻³

Low voltage contactor used ceramic vacuum interrupter TJC-1.14/250(BGE516)



Vacuum Tube main technical parameter

No.	Parameter name		Unit	Value
1	Rated voltage		kV	1.14
2	Rated current		A	250
3	Rated frequency		Hz	50
4	Rated put through current		A	2500
5	Rated breaking current		A	2000
6	Limiting breaking current		A	2500
7	Rated short-time withstand current		A	2000
8	Rated short-time withstand voltage		kA	10
9	Mechanical life		time	1000000
10	Rated breaking time	AC3 Series	time	150000
		AC4 Series		6000
11	Contact antomatic blocking ability		N	50±20
12	Force required to hold contacts open at full stork		N	70±20
13	Contact automatic blocking ability loop electrical resistance		μΩ	≤80
14	Contact-wear allowance tickness		mm	2
15	Shelf life		year	20
16	Internal gas pressure		Pa	≤1.33×10 ⁻³

Contactor used ceramic vacuum interrupter TJC-7.2/630(BGE510A)



vacuum Tube main technical parameter

No.	Parameter name	Unit	Value
1	Rated voltage	kV	7.2
2	Rated current	A	630
3	Rated frequency	Hz	50
4	Rated put through current	kA	6.3
5	Rated breaking current	kA	5.04
6	Limiting breaking current	kA	6.3
7	Rated short-time withstand current	kA	6.3
8	Rated short-time withstand voltage	kV	32
9	Rated lighting impulse voltage	kV	60
10	Mechanical life	Time	1000000
11	Contact automatic blocking ability	N	70±20
12	Force required to hold contacts open at full stork	N	100±20
13	Contact automatic blocking ability loop electrical resistance	μΩ	≤60
14	Contact-wear allowance tickness	mm	3
15	Shelf life	year	20
16	Internal gas pressure	Pa	≤1.33×10 ⁻³

Contactor used ceramic vacuum interrupter TJC-7.2/630(BGE510B)

Vacuum Tube main technical parameter

No.	Parameter name	Unit	Value
1	Rated voltage	kV	7.2
2	Rated current	A	630
3	Rated frequency	Hz	50
4	Rated put through current	kA	6.3
5	Rated breaking current	kA	5.04
6	Limiting breaking current	kA	6.3
7	Rated short-time withstand current	kA	6.3
8	Rated short-time withstand voltage	kV	32
9	Rated lighting impulse voltage	kV	60
10	Mechanical life	Time	500000
11	Contact automatic blocking ability	N	70±20
12	Force required to hold contacts open at full stork	N	100±20
13	Contact automatic blocking ability loop electrical resistance	μΩ	≤60
14	Contact-wear allowance tickness	mm	3
15	Shelf life	year	20
16	Internal gas pressure	Pa	≤1.33×10 ⁻³

Contactor used ceramic vacuum interrupter TJC-7.2/630(BGE511)



Vacuum Tube main technical parameter

No.	Parameter name	Unit	Value
1	Rated voltage	kV	7.2
2	Rated current	A	630
3	Rated frequency	Hz	50
4	Rated put through current	kA	6.3
5	Rated breaking current	kA	5.04
6	Limiting breaking current	kA	6.3
7	Rated short-time withstand current	kA	6.3
8	Rated short-time withstand voltage	kV	32
9	Rated lighting impulse voltage	kV	60
10	Mechanical life	Time	500000
11	Contact automatic blocking ability	N	70±20
12	Force required to hold contacts open at full stork	N	100±20
13	Contact automatic blocking ability loop electrical resistance	μΩ	≤60
14	Contact-wear allowance tickness	mm	3
15	Shelf life	year	20
16	Internal gas pressure	Pa	≤1.33×10 ⁻³

Contactors used ceramic vacuum interrupter TJC-12/630 (BGE522)

Vacuum Tube main technical parameter

No.	Parameter name	Unit	Value
1	Rated voltage	kV	12
2	Rated current	A	630
3	Rated frequency	Hz	50
4	Rated put through current	kA	6.3
5	Rated breaking current	kA	5.04
6	Limiting breaking current	kA	6.3
7	Rated short-time withstand current	kA	6.3
8	Rated short-time withstand voltage	kV	42
9	Rated lighting impulse voltage	kV	75
10	Mechanical life	Time	1000000
11	Contact automatic blocking ability	N	70±30
12	Force required to hold contacts open at full stork	N	100±30
13	Contact automatic blocking ability loop electrical resistance	μΩ	≤60
14	Contact-wear allowance tickness	mm	3
15	Shelf life	year	20
16	Internal gas pressure	Pa	≤1.33×10 ⁻³

Circuit-breaker used glass vacuum interrupter BD-12/1250-20(25)<BGE603>



Vacuum Tube main technical parameter

No.	Parameter name	Unit	Value
1	Rated voltage	kV	12
2	Rated normal current	A	1250
3	Rated frequency	Hz	50
4	Rated short-circuit breaking current	kA	20,25
5	Rated short-circuit making current	kA	50,63
6	Rated peak withstand current	kA	50,63
7	Rated short-time withstand current	kA	20,25,
8	Rated short-circuit continuous time	S	4
9	Rated single capacitor unit breaking current	A	630
10	Rated back to back capacitor unit breaking current	A	400
11	Rated short-time (1 min) frequency withstand voltage	kV	42
12	Rated contact pressure time-limit loop resistive	$\mu\Omega$	≤ 25
13	Rated short-circuit breaking current breaking times		30
14	Rated lightning impulse withstand voltage	V	75
15	Mechanical life		10000
16	Contact automatic	N	120 \pm 50
17	Force required to hold contacts open at full stroke	N	200 \pm 50
18	Contact-wear allowance thickness	mm	3
19	Internal gas pressure	Pa	$\leq 1.33 \times 10^{-3}$
20	Shelf life		20

Circuit –breaker used glass vacuum interrupter BD-12/1250(1600) – 31.5(BGE607)



Vacuum Tube main technical parameter

No.	Parameter name	Unit	Value
1	Rated voltage	kV	12
2	Rated normal current	A	1250,1600
3	Rated frequency	Hz	50
4	Rated short-circuit breaking current	kA	31.5
5	Rated short-circuit making current	kA	80
6	Rated peak withstand current	kA	80
7	Rated short-time withstand current	kA	31.5
8	Rated short-circuit continuous time	S	4
9	Rated single capacitor unit breaking current	A	630
10	Rated back to back capacitor unit breaking current	A	400
11	Rated short-time (1 min) frequency withstand voltage	kV	42
12	Rated contact pressure time-limit loop resistive	$\mu\Omega$	≤ 25
13	Rated short-circuit breaking current breaking times		30
14	Rated lightning impulse withstand voltage	V	75
15	Mechanical life		10000
16	Contact automatic	N	120 \pm 50
17	Force required to hold contacts open at full stroke	N	200 \pm 50
18	Contact-wear allowance thickness	mm	3
19	Internal gas pressure	Pa	$\leq 1.33 \times 10^{-3}$
20	Shelf life		20

Circuit -breaker used glass vacuum interrupter BD-12/2000-31.5(40)<BGE607A>



Vacuum Tube main technical parameter

No.	Parameter name	Unit	Value
1	Rated voltage	kV	12
2	Rated normal current	A	2000
3	Rated frequency	Hz	50
4	Rated short-circuit breaking current	kA	31.5,40
5	Rated short-circuit making current	kA	80,100
6	Rated peak withstand current	kA	80,100
7	Rated short-time withstand current	kA	31.5,40
8	Rated short-circuit continuous time	S	4
9	Rated single capacitor unit breaking current	A	630
10	Rated back to back capacitor unit breaking current	A	400
11	Rated short-time (1 min) frequency withstand voltage	kV	42
12	Rated contact pressure time-limit loop resistive	$\mu\Omega$	≤ 20
13	Rated short-circuit breaking current breaking times		30
14	Rated lightning impulse withstand voltage	V	75
15	Mechanical life		10000
16	Contact automatic	N	120 \pm 50
17	Force required to hold contacts open at full stroke	N	200 \pm 50
18	Contact-wear allowance thickness	mm	3
19	Internal gas pressure	Pa	$\leq 1.33 \times 10^{-3}$
20	Shelf life		20

Circuit – breaker used glass vacuum interrupter BD-12/3150-40(BGE608)



Vacuum Tube main technical parameter

No.	Parameter name	Unit	Value
1	Rated voltage	kV	12
2	Rated normal current	A	3150
3	Rated frequency	Hz	50
4	Rated short-circuit breaking current	kA	40
5	Rated short-circuit making current	kA	100
6	Rated peak withstand current	kA	100
7	Rated short-time withstand current	kA	40
8	Rated short-circuit continuous time	S	4
9	Rated single capacitor unit breaking current	A	630
10	Rated back to back capacitor unit breaking current	A	400
11	Rated short-time (1 min) frequency withstand voltage	kV	42
12	Rated contact pressure time-limit loop resistive	$\mu\Omega$	≤ 18
13	Rated short-circuit breaking current breaking times		30
14	Rated lightning impulse withstand voltage	V	75
15	Mechanical life		10000
16	Contact automatic	N	200 \pm 50
17	Force required to hold contacts open at full stroke	N	300 \pm 50
18	Contact-wear allowance thickness	mm	3
19	Internal gas pressure	Pa	$\leq 1.33 \times 10^{-3}$
20	Shelf life		20

Circuit – breaker used glass vacuum interrupter BD-12/630-12.5(16)<BGE611>



Vacuum Tube main technical parameter

No.	Parameter name	Unit	Value
1	Rated voltage	kV	12
2	Rated normal current	A	630
3	Rated frequency	Hz	50
4	Rated short-circuit breaking current	kA	12.5,16
5	Rated short-circuit making current	kA	40
6	Rated peak withstand current	kA	40
7	Rated short-time withstand current	kA	12.5,16
8	Rated short-circuit continuous time	S	4
9	Rated single capacitor unit breaking current	A	630
10	Rated back to back capacitor unit breaking current	A	400
11	Rated short-time (1 min) frequency withstand voltage	kV	42
12	Rated contact pressure time-limit loop resistive	$\mu\Omega$	≤ 30
13	Rated short-circuit breaking current breaking times		30
14	Rated lightning impulse withstand voltage	V	75
15	Mechanical life		10000
16	Contact automatic	N	100±50
17	Force required to hold contacts open at full stroke	N	180±50
18	Contact-wear allowance thickness	mm	3
19	Internal gas pressure	Pa	$\leq 1.33 \times 10^{-3}$
20	Shelf life		20

Circuit –breaker used ceramic vacuum interrupter TD-12/630-20(BGE610)



vacuum interrupter main technique parameter

No.	Parameter name	Unit	Value
1	Rated voltage	kV	12
2	Rated normal current	A	630
3	Rated frequency	Hz	50
4	Rated short-circuit breaking current	kA	20
5	Rated short-circuit making current	kA	50
6	Rated peak withstand current	kA	50
7	Rated short-time withstand current	kA	20
8	Rated short-circuit continuous time	S	4
9	Rated single capacitor unit breaking current	A	630
10	Rated back to back capacitor unit breaking current	A	400
11	Rated short-time (1 min) frequency withstand voltage	kV	42
12	Rated contact pressure time-limit loop resistive	$\mu\Omega$	≤ 30
13	Rated short-circuit breaking current breaking times		30
14	Rated lightning impulse withstand voltage	V	75
15	Mechanical life		10000
16	Contact automatic	N	80±30
17	Force required to hold contacts open at full stroke	N	140±40
18	Contact-wear allowance thickness	mm	3
19	Internal gas pressure	Pa	$\leq 1.33 \times 10^{-3}$
20	Shelf life		20

Circuit –breaker used ceramic vacuum interrupter TD-12/630-20(BGE612)



vacuum interrupter main technique parameter

No.	Parameter name	Unit	Value
1	Rated voltage	kV	12
2	Rated normal current	A	630
3	Rated frequency	Hz	50
4	Rated short-circuit breaking current	kA	20
5	Rated short-circuit making current	kA	50
6	Rated peak withstand current	kA	50
7	Rated short-time withstand current	kA	20
8	Rated short-circuit continuous time	S	4
9	Rated single capacitor unit breaking current	A	630
10	Rated back to back capacitor unit breaking current	A	400
11	Rated short-time (1 min) frequency withstand voltage	kV	42
12	Rated contact pressure time-limit loop resistive	$\mu\Omega$	≤ 30
13	Rated short-circuit breaking current breaking times		30
14	Rated lightning impulse withstand voltage	V	75
15	Mechanical life		10000
16	Contact automatic	N	80±30
17	Force required to hold contacts open at full stroke	N	140±40
18	Contact-wear allowance thickness	mm	3
19	Internal gas pressure	Pa	$\leq 1.33 \times 10^{-3}$
20	Shelf life		20

Circuit –breaker used ceramic vacuum interrupter TD-12/1250-25(BGE612A)



vacuum interrupter main technique parameter

No.	Parameter name	Unit	Value
1	Rated voltage	kV	12
2	Rated normal current	A	1250
3	Rated frequency	Hz	50
4	Rated short-circuit breaking current	kA	25
5	Rated short-circuit making current	kA	63
6	Rated peak withstand current	kA	63
7	Rated short-time withstand current	kA	25
8	Rated short-circuit continuous time	S	4
9	Rated single capacitor unit breaking current	A	630
10	Rated back to back capacitor unit breaking current	A	400
11	Rated short-time (1 min) frequency withstand voltage	kV	42
12	Rated contact pressure time-limit loop resistive	$\mu\Omega$	≤ 20
13	Rated short-circuit breaking current breaking times		30
14	Rated lightning impulse withstand voltage	V	75
15	Mechanical life		10000
16	Contact automatic	N	80±30
17	Force required to hold contacts open at full stroke	N	140±40
18	Contact-wear allowance thickness	mm	3
19	Internal gas pressure	Pa	$\leq 1.33 \times 10^{-3}$
20	Shelf life		20

Circuit – breaker used ceramic vacuum interrupter TD-12/1250-25 (BGE613)



vacuum interrupter main technique parameter

No.	Parameter name	Unit	Value
1	Rated voltage	kV	12
2	Rated normal current	A	1250
3	Rated frequency	Hz	50
4	Rated short-circuit breaking current	kA	25,20
5	Rated short-circuit making current	kA	63,50
6	Rated peak withstand current	kA	63,50
7	Rated short-time withstand current	kA	25,20
8	Rated short-circuit continuous time	S	4
9	Rated single capacitor unit breaking current	A	630
10	Rated back to back capacitor unit breaking current	A	400
11	Rated short-time (1 min) frequency withstand voltage	kV	42
12	Rated contact pressure time-limit loop resistive	$\mu\Omega$	≤ 20
13	Rated short-circuit breaking current breaking times		30
14	Rated lightning impulse withstand voltage	V	75
15	Mechanical life		10000
16	Contact automatic	N	80 \pm 30
17	Force required to hold contacts open at full stroke	N	140 \pm 40
18	Contact-wear allowance thickness	mm	3
19	Internal gas pressure	Pa	$\leq 1.33 \times 10^{-3}$
20	Shelf life		20

Circuit – breaker used ceramic vacuum interrupter TD-12/1600-31.5(BGE615)



vacuum interrupter main technique parameter

No.	Parameter name	Unit	Value
1	Rated voltage	kV	12
2	Rated normal current	A	1250 1600
3	Rated frequency	Hz	50
4	Rated short-circuit breaking current	kA	31.5
5	Rated short-circuit making current	kA	80
6	Rated peak withstand current	kA	80
7	Rated short-time withstand current	kA	31.5
8	Rated short-circuit continuous time	S	4
9	Rated single capacitor unit breaking current	A	630
10	Rated back to back capacitor unit breaking current	A	400
11	Rated short-time (1 min) frequency withstand voltage	kV	42
12	Rated contact pressure time-limit loop resistive	$\mu\Omega$	≤ 20
13	Rated short-circuit breaking current breaking times		30
14	Rated lightning impulse withstand voltage	V	75
15	Mechanical life		10000
16	Contact automatic	N	120 \pm 50
17	Force required to hold contacts open at full stroke	N	200 \pm 50
18	Contact-wear allowance thickness	mm	3
19	Internal gas pressure	Pa	$\leq 1.33 \times 10^{-3}$
20	Shelf life		20

Circuit – breaker used ceramic vacuum interrupter TD-12/2500-40(BGE617)



vacuum interrupter main technique parameter

No.	Parameter name	Unit	Value
1	Rated voltage	kV	12
2	Rated normal current	A	2500
3	Rated frequency	Hz	50
4	Rated short-circuit breaking current	kA	40
5	Rated short-circuit making current	kA	100
6	Rated peak withstand current	kA	100
7	Rated short-time withstand current	kA	40
8	Rated short-circuit continuous time	S	4
9	Rated single capacitor unit breaking current	A	630
10	Rated back to back capacitor unit breaking current	A	400
11	Rated short-time (1 min) frequency withstand voltage	kV	42
12	Rated contact pressure time-limit loop resistive	$\mu\Omega$	≤ 18
13	Rated short-circuit breaking current breaking times		30
14	Rated lightning impulse withstand voltage	V	75
15	Mechanical life		10000
16	Contact automatic	N	160±50
17	Force required to hold contacts open at full stroke	N	260±50
18	Contact-wear allowance thickness	mm	3
19	Internal gas pressure	Pa	$\leq 1.33 \times 10^{-3}$
20	Shelf life		20

Circuit – breaker used ceramic vacuum interrupter TD-12/1250-31.5(BGE650)



vacuum interrupter main technique parameter

No.	Parameter name	Unit	Value
1	Rated voltage	kV	12
2	Rated normal current	A	1250,1600
3	Rated frequency	Hz	50
4	Rated short-circuit breaking current	kA	31.5
5	Rated short-circuit making current	kA	80
6	Rated peak withstand current	kA	80
7	Rated short-time withstand current	kA	31.5
8	Rated short-circuit continuous time	S	4
9	Rated single capacitor unit breaking current	A	630
10	Rated back to back capacitor unit breaking current	A	400
11	Rated short-time (1 min) frequency withstand voltage	kV	42
12	Rated contact pressure time-limit loop resistive	$\mu\Omega$	≤ 11
13	Rated short-circuit breaking current breaking times		30
14	Rated lightning impulse withstand voltage	V	75
15	Mechanical life		10000
16	Contact automatic	N	120 \pm 50
17	Force required to hold contacts open at full stroke	N	200 \pm 50
18	Contact-wear allowance thickness	mm	3
19	Internal gas pressure	Pa	$\leq 1.33 \times 10^{-3}$
20	Shelf life		20

Circuit – breaker used ceramic vacuum interrupter TD-40.5/1600-25(BGE630)



vacuum interrupter main technique parameter

No.	Parameter name	Unit	Value
1	Rated voltage	kV	40.5
2	Rated normal current	A	1250
3	Rated frequency	Hz	50
4	Rated short-circuit breaking current	kA	25
5	Rated short-circuit making current	kA	63
6	Rated peak withstand current	kA	63
7	Rated short-time withstand current	kA	25
8	Rated short-circuit continuous time	S	4
9	Rated single capacitor unit breaking current	A	630
10	Rated back to back capacitor unit breaking current	A	400
11	Rated short-time (1 min) frequency withstand voltage	kV	95
12	Rated contact pressure time-limit loop resistive	$\mu\Omega$	≤ 20
13	Rated short-circuit breaking current breaking times		30
14	Rated lightning impulse withstand voltage	V	185
15	Mechanical life		10000
16	Contact automatic	N	200 \pm 50
17	Force required to hold contacts open at full stroke	N	300 \pm 50
18	Contact-wear allowance thickness	mm	3
19	Internal gas pressure	Pa	$\leq 1.33 \times 10^{-3}$
20	Shelf life		20

Circuit – breaker used ceramic vacuum interrupter TD-40.5/1600-25(BGE632)



vacuum interrupter main technique parameter

No.	Parameter name	Unit	Value
1	Rated voltage	kV	40.5
2	Rated normal current	A	1600
3	Rated frequency	Hz	50
4	Rated short-circuit breaking current	kA	25
5	Rated short-circuit making current	kA	63
6	Rated peak withstand current	kA	63
7	Rated short-time withstand current	kA	25
8	Rated short-circuit continuous time	S	4
9	Rated single capacitor unit breaking current	A	630
10	Rated back to back capacitor unit breaking current	A	400
11	Rated short-time (1 min) frequency withstand voltage	kV	95
12	Rated contact pressure time-limit loop resistive	$\mu\Omega$	≤ 20
13	Rated short-circuit breaking current breaking times		30
14	Rated lightning impulse withstand voltage	V	185
15	Mechanical life		10000
16	Contact automatic	N	200±50
17	Force required to hold contacts open at full stroke	N	300±50
18	Contact-wear allowance thickness	mm	3
19	Internal gas pressure	Pa	$\leq 1.33 \times 10^{-3}$
20	Shelf life		20

Load switch used vacuum interrupter TF-12/630-20(BGE701)



vacuum interrupter main technique parameter

No.	Parameter name	Unit	Value
1	Rated voltage	kV	12
2	Rated normal current	A	630
3	Rated frequency	Hz	50
4	Rated active load breaking current	A	630
5	Rated loop-locked breaking current	A	630
6	Rated short-time withstand current	kA	20
7	Rated short-circuit continuous time	S	4
8	Rated peak withstand current	kA	20
9	Rated short-time (1 min) frequency withstand voltage	kV	42
10	Rated electric cable be charged breaking current	A	10
11	Rated short-circuit making current	kA	50
12	Rated lightning impulse withstand voltage	kV	75
13	Rated contact pressure time-limit loop resistive	μn	≤ 40
14	Mechanical life		10000
15	Contact automatic	N	40 \pm 20
16	Force required to hold contacts open at full stroke	N	70 \pm 20
17	Contact-wear allowance thickness	Mm	3
18	Internal gas pressure	Pa	$\leq 1.33 \times 10^{-3}$
19	Shelf life		20
20	Rated voltage	kV	12

Load switch used vacuum interrupter TF-12/630-20(BGE702)



vacuum interrupter main technique parameter

No.	Parameter name	Unit	Value
1	Rated voltage	kV	12
2	Rated normal current	A	630
3	Rated frequency	Hz	50
4	Rated active load breaking current	A	630
5	Rated loop-locked breaking current	A	630
6	Rated short-time withstand current	kA	20
7	Rated short-circuit continuous time	S	4
8	Rated peak withstand current	kA	20
9	Rated short-time (1 min) frequency withstand voltage	kV	42
10	Rated electric cable be charged breaking current	A	10
11	Rated short-circuit making current	kA	50
12	Rated lightning impulse withstand voltage	kV	75
13	Rated contact pressure time-limit loop resistive	μn	≤ 40
14	Mechanical life		10000
15	Contact automatic	N	40 \pm 20
16	Force required to hold contacts open at full stroke	N	70 \pm 20
17	Contact-wear allowance thickness	Mm	3
18	Internal gas pressure	Pa	$\leq 1.33 \times 10^{-3}$
19	Shelf life		20
20	Rated voltage	kV	12

Load switch used vacuum interrupter TF-12/630-20(BGE702A)



vacuum interrupter main technique parameter

No.	Parameter name	Unit	Value
1	Rated voltage	kV	12
2	Rated normal current	A	630
3	Rated frequency	Hz	50
4	Rated active load breaking current	A	630
5	Rated loop-locked breaking current	A	630
6	Rated short-time withstand current	kA	20
7	Rated short-circuit continuous time	S	4
8	Rated peak withstand current	kA	20
9	Rated short-time (1 min) frequency withstand voltage	kV	42
10	Rated electric cable be charged breaking current	A	10
11	Rated short-circuit making current	kA	50
12	Rated lightning impulse withstand voltage	kV	75
13	Rated contact pressure time-limit loop resistive	μn	≤ 40
14	Mechanical life		10000
15	Contact automatic	N	40 \pm 20
16	Force required to hold contacts open at full stroke	N	70 \pm 20
17	Contact-wear allowance thickness	Mm	3
18	Internal gas pressure	Pa	$\leq 1.33 \times 10^{-3}$
19	Shelf life		20
20	Rated voltage	kV	12

Load switch used vacuum interrupter TF-12/630-20(BGE703)



vacuum interrupter main technique parameter

No.	Parameter name	Unit	Value
1	Rated voltage	kV	12
2	Rated normal current	A	630
3	Rated frequency	Hz	50
4	Rated active load breaking current	A	630
5	Rated loop-locked breaking current	A	630
6	Rated short-time withstand current	kA	20
7	Rated short-circuit continuous time	S	4
8	Rated peak withstand current	kA	20
9	Rated short-time (1 min) frequency withstand voltage	kV	42
10	Rated electric cable be charged breaking current	A	10
11	Rated short-circuit making current	kA	50
12	Rated lightning impulse withstand voltage	kV	75
13	Rated contact pressure time-limit loop resistive	μn	≤ 40
14	Mechanical life		10000
15	Contact automatic	N	40 \pm 20
16	Force required to hold contacts open at full stroke	N	70 \pm 20
17	Contact-wear allowance thickness	Mm	3
18	Internal gas pressure	Pa	$\leq 1.33 \times 10^{-3}$
19	Shelf life		20
20	Rated voltage	kV	12

Load switch used vacuum interrupter TF-40.5/1250(BGE730)



vacuum interrupter main technique parameter

No.	Parameter name	Unit	Value
1	Rated voltage	kV	40.5
2	Rated normal current	A	1250
3	Rated frequency	Hz	50
4	Rated short-time (1 min) frequency withstand voltage	kA	70
5	Rated lightning impulse withstand voltage	kA	
6	Rated short-time withstand current	kA	25
7	Rated short-circuit continuous time	S	4
8	Rated peak withstand current	kA	63
9	Rated short-circuit making current	kA	63
10	Rated active load breaking current	A	1250
11	Rated loop-locked breaking current	A	1250
12	Rated electric cable be charged breaking current	A	10
13	Mechanical life		10000
14	Contact automatic	N	80±30
15	Force required to hold contacts open at full stroke	N	140±40
16	Rated contact pressure time-limit loop resistive	μΩ	≤30
17	Contact-wear allowance thickness	Mm	3
18	Internal gas pressure	Pa	≤1.33×10 ⁻³
19	Shelf life		20
20	Rated voltage	kV	40.5