SB-1

Control & Transfer Switches

Rotary switches for circuit breaker control, motor control or instrument transfer.

Features and Benefits

- Standard mounts on panels up to 3/16" (up to 2" available)
- Up to 16 stages (32 contacts)
- Tandem mechanisms available
- Yale lock or locking handle available
- Silver to silver positive wiping action contacts
- Rated 600 V, 20 A continuous (250 A for 3 seconds)
- Palladium contacts for low level instrument circuits available
- Pull-to-lock and pull-to-turn actions available
- Up to 12 positions, 360° rotation
- 4 types of escutcheons (switch face plates)
- 8 types of fixed handles (black only)
- 3 types of removable handles
- Maintained or spring return switch action
- NEMA I cover
- UL Recognized

Applications

- Control of electrically operated circuit breakers, valves, motors, etc.
- Transfer current and potential to instruments and relays

Design Information

SB-1 Switches are rotary, cam-operated devices for the control of electrically operated circuit breakers, small motors, magnetic switches and similar devices. Another important use is for the transfer of current and potential for meters, instruments, and relays. Also, there are many general control applications for which this switch can be used.

SB-1 Switches are built up in a series of individual stages, each nested into the other with a common fixed contact support, operating shaft, and front and rear supports. The stack is held together with two tie bolts threaded into the front support.

Each stage consists of an insulating barrier carrying one or two moving contacts and three operating cams. Rotation of the shaft moves the cams directly against the contact arms so that positive high pressure results at the contact. Contact action is not dependent on springs.

Silver-to-silver contacts operate with a positive wiping action to provide low-resistance movement. The contacts can be removed independently of the other switch parts – this permits easy replacement. Barriers between adjacent contacts prevent arcing between circuits.

The switch, complete with a Textolite® cover, is furnished for mounting on panels from 1/8 to 2" thick. The Textolite cover meets NEMA I requirements for panel mounting.

The SB-1 Switch has the following features:

(a) maximum 16 stages (32 contacts):
each stage houses two contacts which are available in any combination of: electrically common; electrically separate; or double-break contacts

(b) maximum 12 positions:
90, 75, 60, 45, 37-1/2, 36, 30° between positions

(c) eight types of fixed handles:
knurled, oval, radial, round, lever and three types pistol grip (small, large, and locked handle)

(d) removable handles:
the standard handle is oval. knurled and pistol handles are also available; for description of handles, refer to GET-6169

(e) escutcheon:

1. standard (R) (360° rotation — max 12 positions)
2. standard (S) (180° rotation — max 7 positions)
3. target (T) mechanically operated — shows last operated position on the switch; when the handle is turned to the left (45°) position, a green target appears at 12 o'clock. When the handle is turned to the right (45°) position, a red target appears at 12 o'clock
4. modified standard (for removable handles)

(f) **two types of operation:**

1. maintained action — all positions
2. spring return — with following limitations:
   a. the handle must return to the 12 o'clock position
   b. the maximum throw is 90° to either side of the 12 o'clock position
   c. a combination of spring return and maintained contact can be provided on the same switch but this action is limited to:
      1. spring return from 45° clockwise or 90° clockwise to 0°, and maintaining the equivalent counterclockwise position
      2. spring return from 45° counterclockwise or 90° counterclockwise to 0°, and maintaining the equivalent clockwise position
      3. five position switch with 45° positioning with partial spring return from 90° to 45 clockwise and counterclockwise only, maintaining in both 45° positions; return to 0° position by hand only

(g) tandem mechanisms — refer to GET-6169

(h) yale or locking handle — refer to GET-6169

(i) Other special mechanisms — refer to GET-6169

Ratings

SB-1 Switches are rated for a mechanical life of one million operations. The electrical ratings are 600 VDC and VAC, 20 A continuous, or 250 A for three sec. The interrupting rating depends upon the voltage and character of the circuit, and the number of contacts connected in series, as indicated in the table. Contacts can be paralleled when current exceeds 20 A.

INTERRUPTING RATINGS

Circuit Volts	Noninductive Circuit			① Inductive Circuit		
	Number of Contacts					
	1	2 in Series	4 in Series	1	2 in Series	4 in Series
	Interrupting Rating (A)					
24 DC	6	30	…	4	20	30
48 DC	5	25	40	3	15	25
125 DC	2.5	11	25	2	6.25	9.5
250 DC	.75	2	8	.7	1.75	6.5
600 DC	.25	.45	1.35	.15	.35	1.25
115 AC	40	75	—	24	50	…
220 AC	25	50	—	12	25	40
440 AC	12	25	—	5	12	20
550 AC	6	12	—	4	10	15

① Values of inductance equal to that of the average trip circuit. For circuits having high values of inductance, refer application to your GE representative for recommendations.

Model Switch Listings

"Listed" model switches are shown below. Any change in the characteristics such as: contact arrangement, position location, handle type, escutcheon engraving or housing from those shown on these pages will cause the switch to be placed on the "unlisted" line of switches.

Application	Model #	Stages
VOLTMETER		
DP-ST (1 source)	SB1CA1	1
DP-DT (1 source)	SB1CE27	2
3ϕ, phase-to-phase or phase-to-neutral	SB1CF11	2
3ϕ, phase-to-phase or phase-to-neutral	SB1CF16	4
3ϕ, 4-W, phase-to-neutral	SB1CF22	2
2-3ϕ, 3-W Circuits	SB1CF23	4
AMMETER		
3 Independent circuits	SB1CA7	6
3 Independent circuits + Off	SB1CA15	6
3 CT's (end of secondary)	SB1CA18	3
3 CT's (end of secondary) + Off	SB1CA19	3
2 CT's (end of secondary)	SB1CA20	2
2 CT's (end of secondary) + Off	SB1CE25	2
4 Independent circuits + Off	SB1CF17	6

Application	Model #	Stages
AMMETER-VOLTMETER		
3ϕ, 3-W, phase-to-phase + 3 independent CT's Ckts	SB1CA21	9
3ϕ, 4-W, phase-to-neutral + 3 independent CT's Ckts	SB1CA23	8
3ϕ, 3-W, phase-to-phase, 3CT's (end of secondary)	SB1CA24	5
3ϕ, 4-W, phase-to-neutral, 3CT's (end of secondary)	SB1CA25	5
BREAKER CONTROL		
Red and green target	SB1B1	2
Red and green target	SB1B2	4
Trip switch, Contacts N.O.	SB1B3	1
Trip switch, Contacts N.C.	SB1B4	1
Operate 2 breakers (target)	SB1B6	3
Substitute for P.B. station	SB1B7	2
Red and green target	SB1B9	3

Application	Model #	Stages
BREAKER CONTROL (con't)		
Red and green target	SB1B10	4
Red and green target	SB1B11	1
Red and green target	SB1B14	3
Red and green target	SB1B15	4
Red and green target	SB1B16	5
Red and green target	SB1B17	5
Red and green target	SB1B18	5
Pull-to-Lock, target	SB1B19†	2
Pull-to-Lock, target	SB1B20†	3
Pull-to-Lock, target	SB1B21†	4
Pull-to-Lock, target	SB1B22†	4
Pull-to-Lock, target	SB1B23†	4
Pull-to-Lock, target	SB1B24†	4
Pull-to-Lock, target	SB1B25†	5
Pull-to-Lock, target	SB1B26†	6

† Pull to lock feature.
□Temperature meter switches; palladium contacts.

Application	Model #	Stages
WATT METER AND POWER FACTOR		
3 Current coils	SB1CB13	5
3 Current coils	SB1CF8 Δ	5
2 Current coils	SB1CB12	3
2 Current coils	SB1CF7 Δ	3
Reversing switch	SB1CA10	4
Reversing switch	SB1CB4	4
2 CT's and 2 PT's	SB1CB14	4
1 CT and 2 PT's	SB1CA26	3
1 CT and 2 PT's	SB1CF6 Δ	3
1 CT and 2 PT's	SB1CA22	2
1 CT and 2 PT's	SB1CA8 Δ	2
SYNCHRONIZING		
Machine to bus	SB1CF9 Δ	2
Between machines, no PT's	SB1CB15 Δ	2
Between machines	SB1CB5 Δ	2
MOTOR CONTROL		
Governor or rheostat motor control	SB1A1	4
Split-field motors	SB1AA1	1
With target	SB1CG44	1
TEMPERATURE METER□		
2-W to 5 Coils and Test	SB1CE33	6
2-W to 3 Coils and Test	SB1CE28	4
3-W to 3 Coils and Test	SB1CE29	6
2-W to 4 Coils and Test and Off	SB1CE61	6
2-W to 4 Coils and Test and Off	SB1CE52 Δ	6

Application	Model #	Stages
TEMPERATURE METER (cont.)□		
3-W to 3 Coils and Test and Off	SB1CE63	6
3-W to 3 Coils and Test and Off	SB1CE55 Δ	6
2-W to 3 Coils and Test and Off	SB1CE62	4
2-W to 3 Coils and Test and Off	SB1CE57 Δ	4
MISCELLANEOUS SWITCHES		
S or DP – ST	SB1CG1	1
S or DP – ST	SB1CG2	1
3 or 4P – ST	SB1CG3	2
3 or 4P – ST	SB1CG4	2
5 or 6P – ST	SB1CG5	3
5 or 6P – ST	SB1CG6	3
7 or 8P – ST	SB1CG7	4
7 or 8P – ST	SB1CG8	4
9 or 10P – ST	SB1CG9	5
9 or 10P – ST	SB1CG10	5
11 or 12P – ST	SB1CG11	6
11 or 12P – ST	SB1CG12	6
SP – DT and Off	SB1CG13	1
SP – DT and Off	SB1CG14	1
DP – DT and Off	SB1CG15	2
DP – DT and Off	SB1CG16	2
3P – DT and Off	SB1CG17	3
3P – DT and Off	SB1CG18	3
4P – DT and Off	SB1CG19	4

Δ Removable handle required with switch. Refer to GET-6169 for type of handle. Order as separate item.

Application	Model #	Stages
MISCELLANEOUS SWITCHES (con't)		
4P – DT and Off	SB1CG20	4
5P – DT and Off	SB1CG21	5
5P – DT and Off	SB1CG22	5
6P – DT and Off	SB1CG23	6
6P – DT and Off	SB1CG24	6
SP – DT	SB1CG25	1
DP – DT	SB1CG26	2
3P – DT	SB1CG27	3
4P – DT	SB1CG28	4
5P – DT	SB1CG29	5
6P – DT	SB1CG30	6
7P – DT	SB1CG31	7
SP – 3T	SB1CG32	2
SP – 4T	SB1CG33	2
SP – 5T	SB1CG34	3
SP – 6T	SB1CG35	3
SP – 7T	SB1CG36	4
SP – 8T	SB1CG37	4
SP – 10T	SB1CG38	5
SP – 12T	SB1CG39	6
DP – 4T	SB1CG40	4
DP – 6T	SB1CG41	6
DP – 8T	SB1CG42	8
DP – 12T	SB1CG43	12

□Temperature meter switches; palladium contacts.

Selection Guide for Control and Transfer Switches

MODEL NUMBER	STAGE	HANDLE	ENGRAVING	SPECIAL FEATURES
SB1A1	4	R	RAISE-(blank)-LOWER	—
SB1A2	4	D	RAISE-(blank)-LOWER	—
SB1A4	4	P	RAISE-OFF-LOWER	—
SB1A5	4	V	RAISE-OFF-LOWER	—
SB1A6	4	P	LOWER-(blank)-RAISE	—
SB1AA1	1	P	RAISE-(blank)-LOWER	—
SB1AA2	2	P	REVERSE-(blank)-FORWARD	—
SB1B1	2	P	TRIP-(target)-CLOSE	—
SB1B2	4	P	TRIP-(target)-CLOSE	—
SB1B3	1	P	(blank)-TRIP	—
SB1B4	1	P	(blank)-TRIP	—
SB1B5	2	P	(blank)-TRIP	—
SB1B6	3	P	TRIP-(target)-CLOSE	—
SB1B7	2	P	TRIP-(target)-CLOSE	—
SB1B8	4	V	OFF-TRIP-(target)-CLOSE	PULL
SB1B9	3	P	TRIP-(target)-CLOSE	—
SB1B10	4	P	TRIP-(target)-CLOSE	—
SB1B11	1	P	TRIP-(target)-CLOSE	—
SB1B12	3	P	TRIP-(target)-CLOSE	—
SB1B13	4	P	TRIP-(target)-CLOSE	—
SB1B14	3	P	TRIP-(target)-CLOSE	—
SB1B15	4	P	TRIP-(target)-CLOSE	—
SB1B16	5	P	TRIP-(target)-CLOSE	—
SB1B17	5	P	TRIP-(target)-CLOSE	—

MODEL NUMBER	STAGE	HANDLE	ENGRAVING	SPECIAL FEATURES
SB1B18	5	P	TRIP-(target)-CLOSE	—
SB1B19	2	P	PULL TO LOCK-TRIP-(target)-CLOSE	PULL
SB1B20	3	P	PULL TO LOCK-TRIP-(target)-CLOSE	PULL
SB1B21	4	P	PULL TO LOCK-TRIP-(target)-CLOSE	PULL
SB1B22	4	P	PULL TO LOCK-TRIP-(target)-CLOSE	PULL
SB1B23	4	P	PULL TO LOCK-TRIP-(target)-CLOSE	PULL
SB1B24	4	P	PULL TO LOCK-TRIP-(target)-CLOSE	PULL
SB1B25	5	P	PULL TO LOCK-TRIP-(target)-CLOSE	PULL
SB1B26	6	P	PULL TO LOCK-TRIP-(target)-CLOSE	PULL
SB1B27	3	P	TRIP-(blank)-CLOSE	—
SB1B28	4	P	TRIP-(blank)-CLOSE	—
SB1BA1	2	V	TRIP-(blank)-CLOSE	—
SB1BA2	4	V	TRIP-(blank)-CLOSE	—
SB1BB1	2	P	AUTO-OFF-HAND	—
SB1BB2	4	P	AUTO-OFF	—
SB1BB3	6	P	AUTO-OFF	—
SB1BB4	6	P	AUTO-MAN	—
SB1BB5	8	P	AUTO-OFF	—
SB1BB6	5	P	TRIP-(target)-CLOSE	—
SB1BB8	4	P	TRIP-(target)-CLOSE	—
SB1C1	3	K	OFF-(1-2)-(2-3)-(3-1)	—
SB1C2	3	*	OFF-(1-2)-(2-3)-(3-1)	*SB1CC1
SB1C3	3	*	OFF-(1-2)-(2-3)-(3-1)	*SB1CC2
SB1C4	3	*	OFF-(1-2)-(2-3)-(3-1)	*SB1CC3

Selection Guide for Control and Transfer Switches

MODEL NUMBER	STAGE	HANDLE	ENGRAVING	SPECIAL FEATURES
SB1C5	3	*	OFF-(1-2)-(2-3)-(3-1)	*SB1CC4
SB1C6	2	K	OFF-1-2-3	—
SB1C7	2	*	OFF-1-2-3	*SB1CC1
SB1C8	2	*	OFF-1-2-3	*SB1CC2
SB1C9	2	*	OFF-1-2-3	*SB1CC3
SB1C10	2	*	OFF-1-2-3	*SB1CC4
SB1CA1	1	K	OFF-ON	—
SB1CA2	1	*	OFF-ON	*SB1CC1
SB1CA3	1	*	OFF-ON	*SB1CC2
SB1CA4	1	*	OFF-ON	—
SB1CA5	1	*	OFF-ON	—
SB1CA6	2	K	1-OFF-2	—
SB1CA7	6	K	1-2-3	—
SB1CA8	2	*	OFF-1-2-3	*SB1CC5
SB1CA9	4	*	OFF-1-2-3	*SB1CC5
SB1CA10	4	K	IN-(blank)-OUT	—
SB1CA11	6	*	1-OFF-2-3	6119795G60
SB1CA12	6	*	1-OFF-2-3	6119795G61
SB1CA13	6	*	1-OFF-2-3	6119795G62
SB1CA14	3	P	1-OFF-2-OFF-3	—
SB1CA15	6	K	1-OFF-2-OFF-3	—
SB1CA16	3	*	1-OFF-2-3	*6119795G60
SB1CA17	3	*	1-OFF-2-3	*6119795G61
SB1CA18	3	K	1-2-3	—
SB1CA19	3	K	OFF-1-2-3	—
SB1CA20	2	K	OFF-1-2-3	—
SB1CA21	9	K	OFF-1-2-3	—
SB1CA22	2	K	OFF-ON	—
SB1CA23	8	K	OFF-1-2-3	—
SB1CA24	5	K	OFF-1-2-3	—
SB1CA25	5	K	OFF-1-2-3	—
SB1CA26	3	K	OFF-ON	—
SB1CA27	2	V	(blank)-1-2	—
SB1CA28	6	K	OFF-1-2-3-4-5-6	—
SB1CA29	9	K	OFF-1-2-3-4-5-6	—
SB1CB1	4	*	OFF-ON	*SB1CC6
SB1CB2	6	*	OFF-ON	*SB1CC6
SB1CB3	6	*	OFF-ON	*SB1CC6
SB1CB4	4	K	W-OFF-RVA	—
SB1CB5	2	*	R-(blank)-I	*SB1CC7(I) *SB1CC8(R)
SB1CB6	2	*	R-(blank)-I	*SB1CC9(I) *SB1CC10(R)
SB1CB7	4	*	OFF-ON	*SB1CC7
SB1CB8	4	*	OFF-ON	*SB1CC9
SB1CB9	12	K	1-2-3-4	—
SB1CB10	3	*	R-(blank)-I	*SB1CC7(I) *SB1CC8(R)
SB1CB11	3	*	R-(blank)-I	*SB1CC9(I) *SB1CC10(R)

MODEL NUMBER	STAGE	HANDLE	ENGRAVING	SPECIAL FEATURES
SB1CB12	3	K	OFF-ON	—
SB1CB13	5	K	OFF-ON	—
SB1CB14	4	K	OFF-ON	—
SB1CB15	2	*	R-(blank)-I	*SB1CC7(I) *SB1CC8(R)
SB1CB16	3	*	OFF-ON	*SB1CC11
SB1CD1	6	K	1-OFF-2	—
SB1CE1	1	P	OFF-ON	—
SB1CE2	3	P	REV-OFF-FOR	—
SB1CE3	4	P	1-2-3-4	—
SB1CE4	2	P	OFF-TEST	—
SB1CE5	2	*	1-OFF-2	*SB1CC11
SB1CE6	4	*	(blank)-OFF-(blank)	*SB1CC11
SB1CE7	4	P	STOP-(blank)-RUN	—
SB1CE8	4	P	1-2-3	—
SB1CE9	4	K	1-2-3-4	—
SB1CE10	6	K	1-2-3-4-5-6	—
SB1CE11	8	K	1-2-3-4-5-6-7-8	—
SB1CE12	12	K	1-2-3-4-5-6-7-8-9-10-11-12	—
SB1CE13	8	K	OFF-1-2-3-OFF-4-5-6	—
SB1CE14	12	K	OFF-1-2-3-4-5-OFF-6-7-8-9-10	—
SB1CE15	3	P	OFF-ON	—
SB1CE16	3	K	OFF-ON	—
SB1CE17	3	P	OFF-ON	—
SB1CE18	6	P	START-OFF-RUN	—
SB1CE19	3	K	LOCAL-OFF-SUP.	—
SB1CE20	4	K	OFF-ON	—
SB1CE21	5	P	1-OFF-2	—
SB1CE22	4	K	1-2	—
SB1CE23	2	K	IN-OUT	—
SB1CE24	3	K	1-2-3	—
SB1CE25	2	K	1-2-3	—
SB1CE26	4	K	OFF-1-2-3	—
SB1CE27	2	K	1-OFF-2	—
SB1CE28	4	K	TEST-1-2-3	Pall.
SB1CE29	6	K	TEST-1-2-3	Pall.
SB1CE33	6	K	TEST-1-2-3-4-5	Pall.
SB1CE34	2	K	1-2-3-4	—
SB1CE35	3	K	1-2-3-4-5-6	—
SB1CE36	4	K	1-2-3-4-5-6-7-8	—
SB1CE37	6	K	1-2-3-4-5-6-7-8-9-10-11-12	—
SB1CE38	4	K	1-OFF-2	—
SB1CE39	6	K	1-OFF-2	—
SB1CE40	2	K	OFF-1	—
SB1CE41	3	K	OFF-1	—
SB1CE42	2	K	OFF-1	—
SB1CE43	4	K	OFF-1	—
SB1CE44	5	K	OFF-1	—
SB1CE45	3	K	OFF-1	—

Selection Guide for Control and Transfer Switches

MODEL NUMBER	STAGE	HANDLE	ENGRAVING	SPECIAL FEATURES
SB1CE46	6	K	OFF-1	—
SB1CE47	1	K	1-OFF-2	—
SB1CE48	8	K	1-OFF-2	—
SB1CE49	5	K	1-OFF-2	—
SB1CE50	3	K	OFF-1-2-3	—
SB1CE51	6	K	OFF-1-2-3	—
SB1CE52	6	*	OFF-TEST-1-2-3-4	Pall. *SB1CC19
SB1CE53	6	*	OFF-TEST-1-2-3-4	Pall. *SB1CC21
SB1CE54	6	*	OFF-TEST-1-2-3	Pall. *SB1CC18
SB1CE55	6	*	OFF-TEST-1-2-3	Pall. *SB1CC19
SB1CE56	4	*	OFF-TEST-1-2-3	Pall. *SB1CC18
SB1CE57	4	*	OFF-TEST-1-2-3	Pall. *SB1CC19
SB1CE58	4	K	1-TEST-2	Pall.
SB1CE59	2	P	ST-R-N-T	—
SB1CE60	3	P	T-TLB-N-RLB-R-ST	—
SB1CE61	6	K	OFF-TEST-1-2-3-4	Pall.
SB1CE62	4	K	OFF-TEST-1-2-3	Pall.
SB1CE63	6	K	OFF-TEST-1-2-3	Pall.
SB1CE64	14	K	EQUIP (1) - EQUIP (1-2) - EQUIP (2	—
SB1CE65	14	K	MAN-AUTO	—
SB1CE66	9	K	OFF-TEST-1-2-3-4-5	Pall.
SB1CE67	8	K	OFF-TEST-1-2-3-4-5-6	Pall.
SB1CF1	3	K	OFF-(1-2)-(2-3)-(3-1)	—
SB1CF2	3	*	OFF-(1-2)-(2-3)-(3-1)	*SB1CC1
SB1CF3	3	*	OFF-(1-2)-(2-3)-(3-1)	*SB1CC2
SB1CF4	3	*	OFF-(1-2)-(2-3)-(3-1)	*SB1CC3
SB1CF5	3	*	OFF-(1-2)-(2-3)-(3-1)	*SB1CC4
SB1CF6	3	*	OFF-ON	*SB1CC5
SB1CF7	3	*	OFF-ON	*SB1CC6
SB1CF8	5	*	OFF-ON	*SB1CC6
SB1CF9	2	*	OFF-ON	*SB1CC7
SB1CF10	2	*	OFF-ON	*SB1CC9
SB1CF11	2	K	OFF-(1-2)-(2-3)-(3-1)	—
SB1CF12	2	*	OFF-(1-2)-(2-3)-(3-1)	*SB1CC1
SB1CF13	2	*	OFF-(1-2)-(2-3)-(3-1)	*SB1CC2
SB1CF14	2	*	OFF-(1-2)-(2-3)-(3-1)	*SB1CC3
SB1CF15	2	*	OFF-(1-2)-(2-3)-(3-1)	*SB1CC4
SB1CF16	4	K	OFF-(1-2)-(2-3)-(3-1) 1-2-3	—
SB1CF17	6	K	OFF-1-2-3-4	—
SB1CF18	6	*	OFF-1-2-3-4	*SB1CC20
SB1CF19	6	*	OFF-1-2-3-4	*SB1CC24
SB1CF20	3	*	OFF-ON	*SB1CC7
SB1CF21	3	*	OFF-ON	*SB1CC9

MODEL NUMBER	STAGE	HANDLE	ENGRAVING	SPECIAL FEATURES
SB1CF22	2	K	OFF-1-2-3	—
SB1CF23	4	K	OFF-(1-2)-(2-3)-(3-1) OFF-(1-2)-(2-3)-(3-1)	—
SB1CF24	1	V	OFF-ON	—
SB1CG1	1	V	OFF-ON	—
SB1CG2	1	V	OFF-ON	—
SB1CG3	2	V	OFF-ON	—
SB1CG4	2	V	OFF-ON	—
SB1CG5	3	V	OFF-ON	—
SB1CG6	3	V	OFF-ON	—
SB1CG7	4	V	OFF-ON	—
SB1CG8	4	V	OFF-ON	—
SB1CG9	5	V	OFF-ON	—
SB1CG10	5	V	OFF-ON	—
SB1CG11	6	V	OFF-ON	—
SB1CG12	6	V	OFF-ON	—
SB1CG13	1	V	1-OFF-2	—
SB1CG14	1	V	1-OFF-2	—
SB1CG15	2	V	1-OFF-2	—
SB1CG16	2	V	1-OFF-2	—
SB1CG17	1	V	1-OFF-2	—
SB1CG18	3	V	1-OFF-2	—
SB1CG19	4	V	1-OFF-2	—
SB1CG20	4	V	1-OFF-2	—
SB1CG21	5	V	1-OFF-2	—
SB1CG22	5	V	1-OFF-2	—
SB1CG23	6	V	1-OFF-2	—
SB1CG24	6	V	1-OFF-2	—
SB1CG25	1	V	1-2	—
SB1CG26	2	V	1-2	—
SB1CG27	3	V	1-2	—
SB1CG28	4	V	1-2	—
SB1CG29	5	V	1-2	—
SB1CG30	6	V	1-2	—
SB1CG31	7	V	1-2	—
SB1CG32	2	V	1-2-3	—
SB1CG33	2	V	1-2-3-4	—
SB1CG34	3	V	1-2-3-4-5	—
SB1CG35	3	V	1-2-3-4-5-6	—
SB1CG36	4	V	1-2-3-4-5-6-7	—
SB1CG37	4	V	1-2-3-4-5-6-7-8	—
SB1CG38	5	V	1-2-3-4-5-6-7-8-9-10	—
SB1CG39	6	V	1-2-3-4-5-6-7-8-9-10-11-12	—
SB1CG40	4	V	1-2-3-4	—
SB1CG41	6	V	1-2-3-4-5-6	—
SB1CG42	8	V	1-2-3-4-5-6-7-8	—
SB1CG43	12	V	1-2-3-4-5-6-7-8-9-10-11-12	—
SB1CG44	1	V	STOP-(target)-START	—

SPECIAL FEATURES NOTES

- = None
Pull = Pull-to-lock

* = Made for removable handle – handle must be ordered separately
Pall. = Palladium contacts