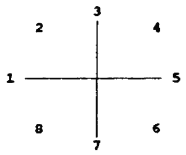
THE GUIDE BELOW IS FOR UNLISTED SWITCHES WHICH ARE NUMBERED AT THE FACTORY.
USE IT ONLY AS A GUIDE TO IDENTIFY CATALOG NUMBERS ASSIGNED BY THE FACTORY.
DO NOT USE IT TO MAKE UP CATALOG NUMBERS.

SBM SWITCH NOMENCLATURE EXPLANATION

16SBM	A	3	***	S	1A	2	P	1	***
	No. of Stages	No. of Positions	Seq No.	Escutcheon	Action	1st Stop Position	Handle	Panel Thickness	Escutcheon Keyways
	A = 1 B = 2 C = 3 D = 4 E = 5 F = 6 G = 7 H = 8 K = 9 L = 10	2 = 2 3 = 3 4 = 4 5 = 5 6 = 6 7 = 7 8 = 8	F A A S C S T I O G R N Y E D	S = STANDARD T = TARGET P = TARGET (PULL TO LOCK) N = NONE R = REMOVABLE HANDLE	S E E B E L O W		K = KNURLED V = OVAL P = PISTOL GRIP L = LEVER A = SB1 KNURLED B = SB1 OVAL C = SB1 PISTOL GRIP D = SB1 ROUND N = NONE	1 = 0 - 1/4" 2 = 1",1.5"	FACTORY ASSIGNED (Used with Escutcheon R only)



POSITION DIAGRAM
FRONT VIEW

DESCRIPTION OF ACTION

MAINTAINED BOTH DIRECTIONS
- 1A - Positions 1, 2, 3, 4, 5, 6, 7, 8
- 2A - Positions 1, 3, 5, 7
- 3A - Positions 2, 4, 6, 8

SPRING RETURN TO POSITION 3 FROM BOTH DIRECTIONS
- 1S - Positions 2, 4
- 2S - Positions 1, 5
- 3S - Positions 1, 5 (feel position 2)
- 4S - Positions 1, 5 (feel position 4)
- 5S - Positions 1, 5 (feel positions 2 & 4)
- 1F - Pull to lock in position 1 (feel position 2)
- 2F - Pull to lock in position 2

SPRING RETURN TO POSITION 3 - FROM CW ONLY
- 1C - From position 4
- 2C - From position 5
- 3C - From position 5, (feel position 4)

SPRING RETURN TO POSITION 3 - CCW ONLY
- 1W - From position 2
- 2W - From position 1
- 3W - From position 1, (feel position 2)

SPRING RETURN TO POSITION 3 FROM CW MAINTAIN POSITION AT CCW
- 1H - From position 4, maintain position 1, 2
- 2H - From position 4, maintain position 1
- 3H - From position 5, maintain position 2
- 4H - From position 5, (feel pos. 4), maintain pos. 2
- 5H - From position 5, maintain position 1
- 6H - From position 5, (feel pos. 4), maintain pos. 1

SPRING RETURN TO POSITION 3 FROM CCW MAINTAIN POSITION AT CW
- 1K - From position 2, maintain position 4, 5
- 2K - From position 2, maintain position 5
- 3K - From position 1, maintain position 4
- 4K - From position 1, (feel pos. 2), maintain pos. 4
- 5K - From position 1, maintain position 5
- 6K - From position 1, (feel pos. 2), maintain pos. 5

16SB1 OR 16SB9

Nomenclature Guide to Unlisted Switches

THE GUIDE BELOW IS FOR UNLISTED SWITCHES WHICH ARE NUMBERED AT THE FACTORY.
USE IT ONLY AS A GUIDE TO IDENTIFY CATALOG NUMBERS ASSIGNED BY THE FACTORY.
DO NOT USE IT TO MAKE UP CATALOG NUMBERS.

BASIC SWITCH* — CODE LETTERS**

16SB1 A B 3 – – S S M 2 P – – Specified Only where Special Features are Required**

16SB1 or 16SB9
Design Type
Common To All SB-1 & SB-9 Switches

1st Basic Letter
No. of Stages
A = 1
B = 2
C = 3
D = 4
E = 5
F = 6
G = 7
H = 8
K = 9
L = 10
M = 11
N = 12
P = 13
R = 14
T = 15
U = 16

2nd Basic Letter
Type of Stationary Contacts
A = All Fixed Contacts Thus
B = All Fixed Contacts Thus
C = All Fixed Contacts Thus
D = Misc. Combinations of A, B, C and Single Contacts
Example:

3 & (4th) Digit Number
Contact Development
Factory Assignment
No. of Positions
100 = 9 Pos. = 10 Pos. = 11 Pos. = 12 Pos.
200 = 2 Pos.
300 & 900 = 3 Pos.
400 = 4 Pos.
500 = 5 Pos.
600 = 6 Pos.
700 = 7 Pos.
800 = 8 Pos.
0A00 = Special

1st Code Letter
Enclosure
S = Standard Cover
L = Large Cover

OBSOLETE
A = Explosion Proof
W = Watertight & Dusttight
P = Oil Filled
M = Fabricated Metal
D = Slotted End Cover
V1 = Vert. Split (Standard)
V2 = Vert. Split (Large)
H1 = Horiz. Split (Standard)
H2 = Horiz. Split (Large)

2nd Code Letter
Escutcheon
Specify Engraving

3rd Code Letter
Spring Return or Maintain Contacts

See SB-1/9 Nomenclature Guide for 2nd & 3rd Code Letter

1st Code Number
Panel Thickness
2 = 1/8
3 = 3/16
4 = 1/4, etc.
Numbers Indicate Number of one Sixteenths of an Inch
99 = No Panel Thickness Involved

4th Code Letter
Style Handle
D = Round V-6047044 -1
K = Knurled K-6079120-1
L = Large Pistol Grip K-6208137-1
P = Small Pistol Grip K-6046074-1
R = Radial V-6047043-1
V = Oval K-6046075-1
Y = Omit Handle
E = Lever V-6248034-1
C = Locked Handle

OBSOLETE
W = Watertight M-6411824G-2 1/8
M-6411824G-3 1/4

5th Code Letter
P1 To P12 = Pull-to Lock
H1 = Single Stage Palladium
H2 = Two Stage Palladium
H16 = Available up to 16 stage

OBSOLETE
S1, S2, S3 — Sequence Latch (1)
A1, A2, A3, A4 — Right Angle Drive (2)
R1 = Rachet Mech. for CW Rotation Only
R2 = Rachet Mech. for CCW Rotation Only

* Basic number assigned by factory engineers only to identify a special contact arrangement.
** Suffix added by factory engineers to complete switch to customer's specifications.

(1) S1 = Latching in CW & CCW positions
S2 = Will prevent repeated CCW throws
S3 = Will prevent repeated CW throws

(2) A1 = Switch mounted to the left
A2 = Switch mounted to the right
A3 = Switch mounted up
A4 = Switch mounted down

OBSOLETE: Shown for Reference Only

16SB1 OR 16SB9

Nomenclature Guide for 2nd and 3rd Code Letters

SB-1 or SB-9 2nd Code Letter — ESCUTCHEON

Code	Escutcheon Number	Typical Model Handle No.	Throw
	Handle Removable in Vertical Position		
A	6016164-3	16SB1CC1	135° CW
A	-3	CC18	360°
B	-4	CC2	135°CW
B	-4	CC19	360°
C	-5	CC3	135°CW
C	-5	CC15	360°
D	-6	CC4	135°CW
D	-6	CC11	45°CW & CCW
D	-6	CC22	45°CCW
D	-6	CC27	360°
E	-7	CC5	45°CW
E	-7	CC12	75°CW
E	-7	CC13	45°CW & CCW
E	-7	CC20	360°
E	-7	CC25	75°CCW
F	-8	CC6	45°CW
F	-8	CC14	45°CW & CCW
F	-8	CC24	360°
G	-9	CC7	45°CW "I" Eng.
G	-9	CC8	45°CCW "R" Eng.
G	-9	CC17	45°CCW
G	-9	CC26	135°CCW
G	-9	CC29	45°CW
G	-9	CC21	360°
H	-10	CC23	360°
H	-10	CC9	45°CW "I" Eng.
H	-10	CC10	45°CCW"R" Eng.
H	-10	CC31	45°CW
H	-10	CC32	45°CCW
J	-23	CC18	360°
Y	-24	CC19	360°
Z	-25	CC21	360°
	Handle Removable - 90° CCW		
K	6016164-11	16SB1CC1	135°CW
K	-11	CC18	360°
L	-12	CC2	135°CW
L	-12	CC19	360°
M	-13	CC3	135°CW
M	-13	CC15	360°
N	-14	CC11	45°CW & CCW
N	-14	CC27	360°
N	-14	CC4	135°CW
N	-14	CC22	45°CCW
	Fixed Handle		
P	6016164-60	Pull to Lock (Target)	
R	6016164-15	Round	
S	6016164-1	Standard	
T	6402670G*	Target	
U	Omit Escutcheon		
V	Special Escutcheon		
	Removable Handle		
W	Omit Escutcheon		
X(OO)	Special Escutcheon		

SB-1 3rd Code Letter — SPRING RETURN AND MAINTAINING

Code	Description
	Combination of Spring Return and Maintaining Contact
A	S.R. from 45°CW to Normal
B	S.R from 45°CCW to Normal
C	S.R. from 45°CW to Normal Δ (One Extra Stage)
D	S.R. from 45°CCW to Normal Δ (One Extra Stage)
E	S.R. from 90°CW to Normal
F	S.R. from 90°CCW to Normal
G	S.R. from 90°CW to Normal Δ (One Extra Stage)
H	S.R. from 90°CCW to Normal Δ (One Extra Stage)
K	S. R. from 45°CW to Normal (Two Extra Stages) ⊕
L	S.R. from 45°CCW to Normal (Two Extra Stages) ⊕
M	Maintaining Contacts
	Pull to Lock
P	S.R. from 45°CW & CCW to Normal Pull to Lock in 45°CCW, Then Turn to 75°CCW & Pull to Lock
R	S.R. all Positions Except When Locked, Pull to Lock at 75°CCW
	Spring Return Only
S	S.R. from all Positions to Normal
T	S.R. from all Posistions to Normal Δ (One Extra Stage)
U	S.R. from all Positions to Normal (Two Extra Stages) ⊕

Abbreviations

S.R. = Spring Return
CW = Clockwise
CCW = Counterclockwise

Symbols

Δ= One Extra Stage for Torsion Spring
⊕ = Two Extra Stages for Additional Torsion Springs

SB-9 3rd Code Letter — SPRING RETURN AND MAINTAINING

Code	Description
	Maintaining Except
A	S.R. from 45° CW to Normal
B	S.R. from 45°CCW to Normal
C	Same as A - See *
D	Same as B - See *
J	S.R. from 75°CW to 45°CW & from 75°CCW to 45°CCW
	*Has 1 Extra Stage for Extra Spring
	Maintaining
M	Maintaining Contact for all 45° Positions
N	Maintaining Contact for all 30° Positions
K	Maintaining Contact for 60° Positions
V	Maintaining Contact for all 37½° Positions
L	Maintaining Contact for all 75° Positions
E	V 90°
F	+ 90°
X	Special
	Spring Return
S	S.R. for all Combinations of 30°, 37½°, 45°, 60°, 75°, 90° CW & CCW
T	Same as S - See * *Has 1 Extra Stage for Extra Spring
	Spring Return with Provision for Intermediate Temporary Contact Position at the Halfway Point.
U	S.R.- 90° CW & CCW Temp. Feel 30°& 60°
W	S.R. from 90°CW or CCW or both
Y	S.R. from 60°CW or CCW or both
Z	S.R. from 75°CW or CCW or both

Abbreviations

S.R. = Spring Return
CW = Clockwise
CCW = Counterclockwise

* *[Number to be assigned]*