

SWB SERIES • CONTROLS
DEVICE BODIES FOR USE WITH XCS/XS/XT COVER ASSEMBLIES

C29



Class I, Div. 1 & 2, Groups C,D
Class I, Zones 1 & 2, Groups IIB, IIA
Class II, Div. 1 & 2, Groups E,F,G
Class III
NEMA 7(C,D) 9(E,F,G)

Listed - File E53360

Certified - LR11712
 See files for details or call Killark.

FEATURES-SPECIFICATIONS

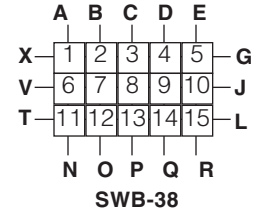
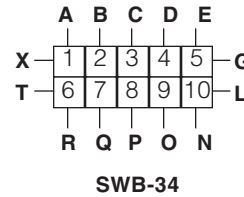
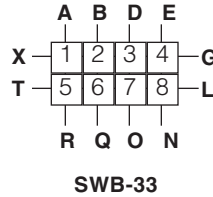
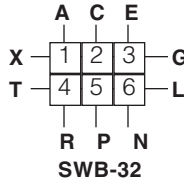
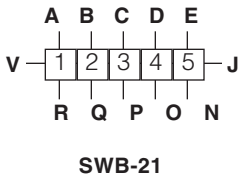
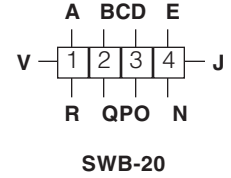
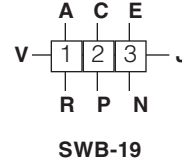
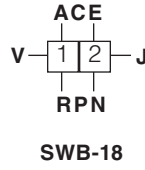
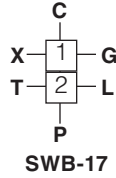
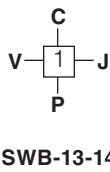


SWB DEVICE BODIES AND DIMENSIONS						
CATALOG NUMBER	HUB SIZE	EXTERNAL			MOUNTING	
		LENGTH	WIDTH	DEPTH	VERTICAL	HORIZONTAL
SWB-1	1/2"	5-7/8"(149)	3"(76)	2-1/4"(57)	5-3/8"(137)	2-3/8"(60)
SWB-2	3/4"	5-7/8"(149)	3"(76)	2-1/4"(57)	5-3/8"(137)	2-3/8"(60)
SWB-3	1"	5-7/8"(149)	3"(76)	2-1/4"(57)	5-3/8"(137)	2-3/8"(60)
SWB-4	1/2"	5-7/8"(149)	3"(76)	2-1/4"(57)	5-3/8"(137)	2-3/8"(60)
SWB-5	3/4"	5-7/8"(149)	3"(76)	2-1/4"(57)	5-3/8"(137)	2-3/8"(60)
SWB-6	1"	5-7/8"(149)	3"(76)	2-1/4"(57)	5-3/8"(137)	2-3/8"(60)
SWB-7	1/2"	5-7/8"(149)	6-1/2"(165)	2-1/4"(57)	5-3/8"(137)	2-1/2"(64)
SWB-8	3/4"	5-7/8"(149)	6-1/2"(165)	2-1/4"(57)	5-3/8"(137)	2-1/2"(64)
SWB-9	1"	5-7/8"(149)	6-1/2"(165)	2-1/4"(57)	5-3/8"(137)	2-1/2"(64)
SWB-10	1/2"	5-7/8"(149)	6-1/2"(165)	2-1/4"(57)	5-3/8"(137)	2-1/2"(64)
SWB-11	3/4"	5-7/8"(149)	6-1/2"(165)	2-1/4"(57)	5-3/8"(137)	2-1/2"(64)
SWB-12	1"	5-7/8"(149)	6-1/2"(165)	2-1/4"(57)	5-3/8"(137)	2-1/2"(64)
SWB-13	①	5-1/4"(133)	3-5/8"(92)	2-1/2"(64)	6-1/8"(156)	2-3/8"(60)
SWB-14	②	5-1/4"(133)	3-5/8"(92)	3-5/16"(84)	6-1/8"(156)	2-3/8"(60)
SWB-17	①	10-3/8"(264)	3-5/8"(92)	2-1/2"(64)	11-3/8"(289)	2-1/8"(54)
SWB-18	②	5-1/4"(133)	7-1/8"(181)	3-5/16"(84)	6"(152)	5-3/4"(146)
SWB-19	②	5-1/4"(133)	10-5/8"(270)	3-5/16"(84)	6"(152)	9-3/16"(233)
SWB-20	②	5-1/4"(133)	14-1/8"(359)	3-5/16"(84)	6"(152)	12-11/16"(322)
SWB-21	②	5-1/4"(133)	17-5/8"(448)	3-5/16"(84)	6"(152)	16-3/16"(411)
SWB-32	②	12"(305)	10-5/8"(270)	3-5/16"(84)	11-1/8"(283)	9-3/16"(233)
SWB-33	②	12"(305)	14-1/8"(359)	3-5/16"(84)	11-3/16"(284)	12-3/4"(324)
SWB-34	②	12"(305)	17-3/4"(451)	3-5/16"(84)	11-5/16"(287)	16-1/4"(413)
SWB-38	②	17-1/8"(435)	17-3/4"(451)	3-5/16"(84)	11-5/16"(287)	16-1/4"(413)
SWB-42	3/4"	5-1/4"(133)	3-5/8"(92)	3-5/16"(84)	6-1/8"(156)	2-3/8"(60)
SWB-45	3/4"	5-1/4"(133)	3-5/8"(92)	3-5/16"(84)	6-1/8"(156)	2-3/8"(60)
SWB-49	3/4"	5-1/4"(133)	3-5/8"(92)	3-5/16"(84)	6-1/8"(156)	2-3/8"(60)

- ① Maximum size drilled and tapped opening 1" — Shallow device bodies.
- ② Maximum size drilled and tapped opening 1-1/2" — Deep device bodies.
- ③ SWB-1 thru SWB-12 Boxes have cast in conduit hubs. Additional conduit openings can not be included. Use SWB-13-14 or 18 for custom conduit requirements. See following page for custom conduit information. SWB-13 through SWB-38 boxes are blank without conduit openings and can be factory or field installed. See following page for custom conduit information.



Conduit Opening Location Charts



FEATURES-SPECIFICATIONS

To specify conduit openings select the letter on these sketches which indicates the position desired. All conduit openings will be evenly spaced and located in the area indicated on the location chart. When they are to be more accurately located, submit a sketch with spacing dimensions. Specific conduit openings must be located dimensionally from box centerlines to conduit centerlines and from outside back surface of box to conduit centerline.

Ordering Instructions:

- (1) Select the letter on location chart which indicates conduit opening position desired.
- (2) Select symbol number from chart which indicates conduit opening type and size.
- (3) Combine the conduit location letter, size and type number, and add as a suffix to SWB box catalog number.

Example: SWB-18-C1-J1-P1-V1

MINIMUM HUB CENTERS FOR DRILLED AND TAPPED AND UNION HUBS						
SIZE	FORM	1/2"	3/4"	1"	1-1/4"	1-1/2"
1/2"	① MIN	1-3/16"(46)	—	—	—	—
1/2"	② PRE	1-3/8"(35)	—	—	—	—
1/2"	③ GU	1-5/8"(41)	—	—	—	—
3/4"	① MIN	1-3/8"(35)	1-1/2"(38)	—	—	—
3/4"	② PRE	1-1/2"(38)	1-5/8"(41)	—	—	—
3/4"	③ GU	1-3/4"(44)	1-13/16"(46)	—	—	—
1"	① MIN	1-1/2"(38)	1-3/4"(44)	1-13/16"(46)	—	—
1"	② PRE	1-3/4"(44)	1-7/8"(48)	2"(51)	—	—
1"	③ GU	1-7/8"(48)	2"(51)	2-1/8"(54)	—	—
1-1/4"	① MIN	1-11/16"(43)	1-15/16"(49)	2-1/16"(52)	2-5/16"(59)	—
1-1/4"	② PRE	1-15/16"(49)	2-1/16"(52)	2-1/4"(57)	2-1/2"(64)	—
1-1/4"	③ GU	2-1/16"(52)	2-1/4"(57)	2-5/16"(59)	2-1/2"(64)	—
1-1/2"	① MIN	1-15/16"(49)	2-1/16"(52)	2-3/16"(56)	2-1/2"(64)	2-5/8"(67)
1-1/2"	② PRE	2-1/8"(54)	2-1/4"(57)	2-3/8"(60)	2-5/8"(67)	2-3/4"(70)
1-1/2"	③ GU	2-3/16"(56)	2-9/32"(58)	7/16"(11)	2-5/8"(67)	2-3/4"(70)
Locknut Bushing Conduit		1-1/8"(29)	1-3/8"(35)	1-11/16"(43)	2-3/16"(56)	2-7/16"(62)
Locknut Bushing Conduit		1"(25)	1-1/4"(32)	1-1/2"(38)	1-7/8"(48)	2-1/8"(54)
Locknut Bushing Conduit		7/8"(22)	1-1/16"(27)	1-3/8"(35)	1-11/16"(43)	1-15/16"(49)

- ① Minimum spacing required to provide clearance over locknuts and bushings.
- ② Preferred—more liberal spacings between centers of conduits to be used whenever possible.
- ③ GU—spacing required for GU Series unions.
- ④ Union hubs are supplied by using a drilled and tapped opening with GUM Series Union.

† Consult factory for special or additional conduit sizes, locations, and combinations required but not illustrated.

SYMBOL NUMBERS		
CONDUIT SIZE	CONDUIT OPENINGS	
	DRILLED AND TAPPED	UNION④
1/2"	1	11
3/4"	2	12
1"	3	13
1-1/4"	4	14
1-1/2"	5	15