



52151K-CRT



52151KSSX-RT

METAL STUD
MONTANT
MÉTAL



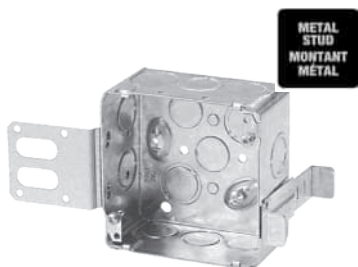
CI52171-1



52171K-CRT



CI52171-KSB



52171KSSX-RT

METAL STUD
MONTANT
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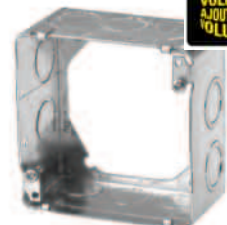


CI52171-KSSX-1



53151K-RT

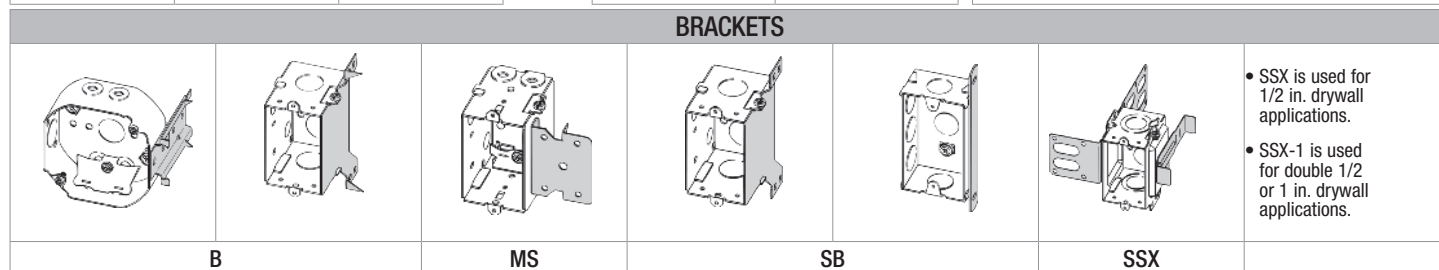
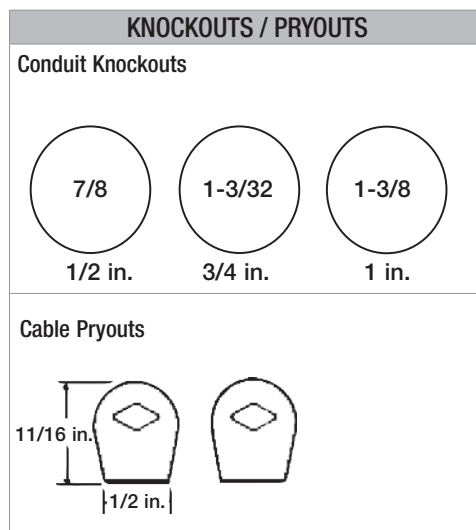
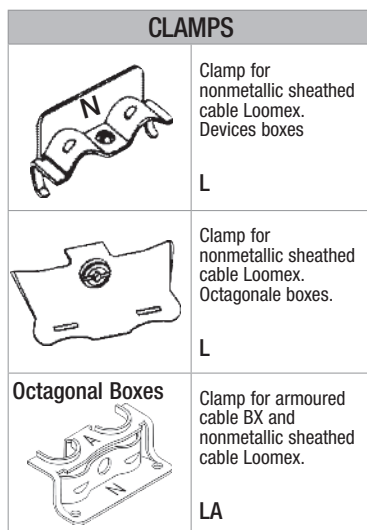
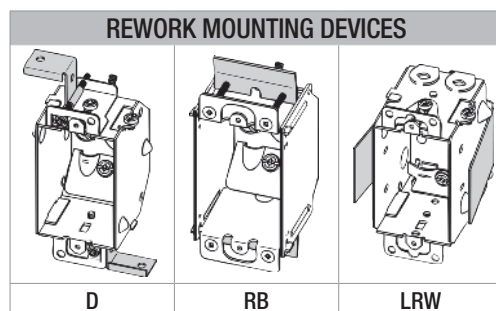
ADD'S
VOLUME
AJOUTÉ DU
VOLUME



53171K-RT



Cat. No.	Features				Conduit Knockouts	
	Cubic Capacity	Bracket (See page A3)	Ground Screw		Sides	Bottom
			Qty.	Raised		
1-1/2 IN. DEEP						
52151K-CRT	21.0		1	yes	6 x K + 4 x 1/2 in.	2 x K + 2 x 1/2 in.
CI52151-KSB		SB			4 x K + 4 x 1/2 in.	
52151KSSX-RT		SSX			3 x K + 4 x 1/2 in.	
2-1/8 IN. DEEP						
CI52171-1	30.0		1	yes	4 x 1 in.	2 x K + 2 x 1/2 in.
CI52171-1-SSX		SSX			2 x 1 in.	
52171K-CRT					6 x K + 4 x 1/2 in.	
CI52171-KSB		SB			4 x K + 4 x 1/2 in.	
52171KSSX-RT		SSX			3 x K + 4 x 1/2 in.	
EXTENSION RING – 1-1/2 IN. DEEP						
53151K-RT	21.0				6 x K + 4 x 1/2 in.	
EXTENSION RING – 2-1/8 IN. DEEP						
53171K-RT	30.0				6 x K + 4 x 1/2 in.	



*C.E.C. 2012 Rule 12-3010 (2). Where ganged sectional boxes are used, they shall be secured to metal supports or to wooden boards at least 19 mm thick that are rigidly secured to the structural units.

Maximum Number of Conductors ** (with 0 or 1 wire connector)					
Cubic Inch Capacity * (mm)	Box Series No.	14 AWG	12 AWG	10 AWG	8 AWG
5 (81)	56111, OBEX	3	2	2	-
8 (131)	1100	5	4	3	2
10 (163)	425, 775, 1102	6	5	4	3
11 (180)	777	7	6	4	4
12 (197)	3102	8	6	5	4
12.5 (204/gang)	525, 1104, 2104, 4104, 4204, 4304	8	7	5	4
13 (213)	1141, 2018	8	7	5	4
14 (229/gang)	2020	9	8	6	5
14.5 (237)	1304, 2304	9	8	6	5
15 (245)	1004, 1504, 54151, 55151	10	8	6	5
16 (262/gang)	1004-LB, 1204, 3104	10	9	7	5
16.5 (270)	1110	11	9	7	6
18 (295)	1018, 1804, 3004, 54521	12	10	8	6
18.5 (303)	1151, 1199, 2004	12	10	8	6
21 (344/gang)	52151, 53151, 54171, MBD	14	12	9	7
24 (393)	54531	16	13	10	8
25 (410)	2104 (2 gangs)	16	14	11	9
27 (442)	2304 (2 gangs)	18	15	12	9
30 (491)	52171, 53171, 72151, 73151	20	17	13	10
33 (540)	2-WSW, 2-FWSW	22	18	14	12
36 (590)	54551	24	20	16	13
37.5 (614)	2104 (3 gangs)	25	21	16	13
39.5 (647)	2304 (3 gangs)	26	21	17	17
42 (688)	54561, 72171, 73171	28	24	18	15
50 (819)	2104 (4 gangs)	33	28	22	18
52 (853)	2304 (4 gangs)	34	29	23	18

The Canadian Electrical Code specifies that the maximum number of conductors to be contained in a box is determined by the following factors:

- The total volume of the box assembly (box, extension, raised cover).
- The size (AWG) of the insulated conductors.
- The presence and thickness of flush devices mounted on a single strap.
- The number of wire connectors in the box.

* When a single strap device is more than 1 in. thick, reduce box capacity by: 5 cu. in. x thickness of device.

** The maximum number of conductors shown in the table must be reduced in each of the following cases:

- One conductor, if the box contains one or more fixture studs or hickey.
- One conductor for every additional pair of wire connectors. (1 conductor for 2 or 3 wire connectors, 2 conductors for 4 or 5 wire connectors...).
- Two conductors for each single strap flush device up to 1 inch thick.
- 1 cu. in. = 16.4 milliliters = 16.4 cubic centimeters

Space for conductors in boxes		
Size of Conductors (AWG)	Usable space required for each Insulated Conductor (cu. in.) (cu. cm.)	
14	1.50	24.6
12	1.75	28.7
10	2.25	36.9
8	2.75	45.1
6	4.50	73.7