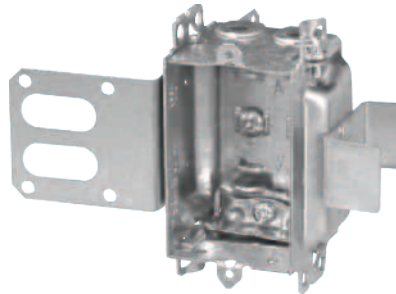
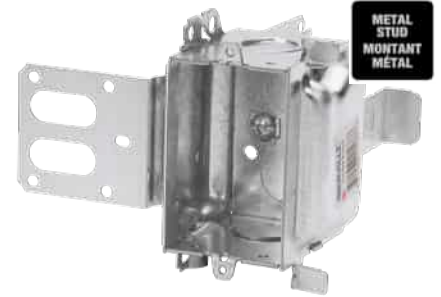


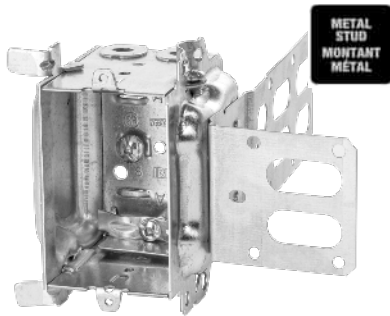
BC1104-LSSX



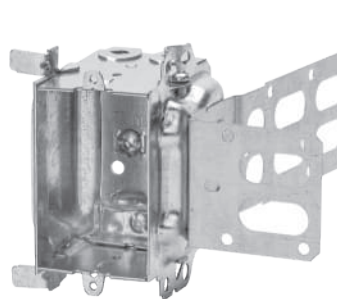
CI3102-LSSAX



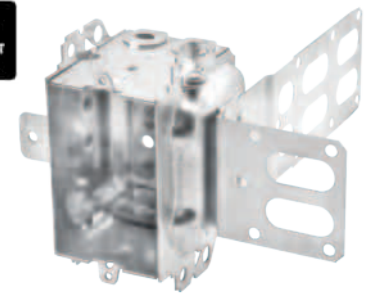
3104KSSX-CRT



3104LSSX-RT



3104LSSAX-RT

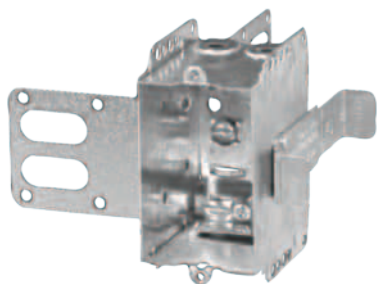


CI3104-LSSA1X-1

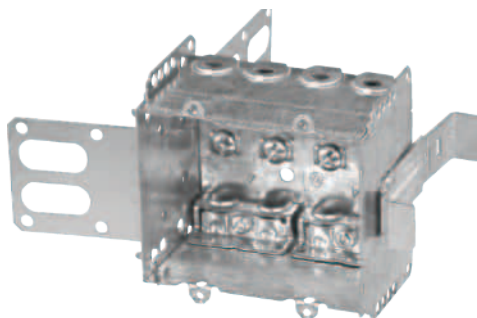


Cat. No.	Features						Conduit Knockouts		
	Cubic Capacity	Clamps	Height (in.)	Width (in.)	Depth (in.)	Bracket (See page A3)	Ground Screw (Qty.)	Ends	Bottom
GANGABLE									
BC1104-LSSAX	12.5		3	2	2-1/2	SSX		4	
BC1104-LSSX									
CI3102-LSSAX	12.0	L / LA			2		2	4 pryouts	
CI3102-SSX						2 x 1/2 in.			
3104KSSX-CRT	16.0	KO				1	2 x K	2 x 1/2 in.	
BC3104KSS1X-1					SSX-1				
3104LSSAX-RT		L / LA			SSX	2	4 pryouts		
3104LSSX-RT									
CI3104-LSS1X-1					SSX-1				
CI-3104-LSSA1X-1									
CI3104-SSX		KO			SSX	1	2 x 1/2 in.	2 x 1/2 in.	
CI3004-LSSAX-1	18.0	L / LA			3	SSX-1	2	4 pryouts	
CI3004-LSSX						SSX			
CI3004-LSSX-1			SSX-1						

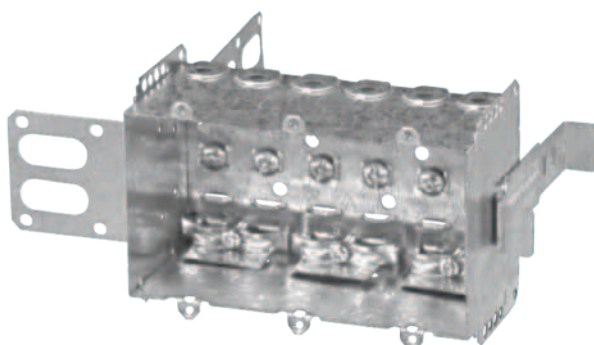
Usage: KO: Conduit KOs only, L = NMD90 (Loomex, nonmetallic sheathed cable), LA = AC90 (BX, armoured cable)



CI2104-LSSX



CI2104-LSSA-2X

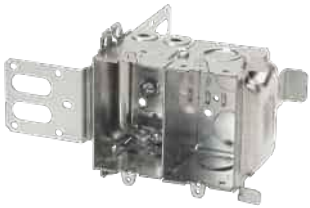


CI2104-LSS3X-1

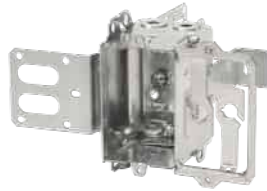


Cat. No.	Features							Conduit Knockouts
	Cubic Capacity	Clamps	Height (in.)	Width (in.)	Depth (in.)	Bracket (See page A3)	Ground Screw (Qty.)	Ends
NON-GANGABLE								
CI2104-LSS1X-1	12.5	L / LA	3	2	2-1/2	SSX-1	2	4 pryouts
CI2104-LSSAX						SSX		
CI2104-LSSX								
CI1504-LSSAX	15.0			2-1/4		SSX-1	4	8 pryouts
CI-2104-LSS-2X	25.0			3-3/4				
CI2104-LSS2X-1				SSX		6	12 pryouts	
CI2104-LSSA-2X								
CI-2104-LSS-3X	37.5			5-1/2		SSX-1		
CI2104-LSS3X-1								

Usage: L = NMD90 (Loomex, nonmetallic sheathed cable), LA = AC90 (BX, armoured cable)



CI4204-LSSAX



CI4304-LSSAX



54151LSSAX-RT



54171KSSX-CRT



CI54151-KSSX



52151KSSX-RT



52171KSSX-RT

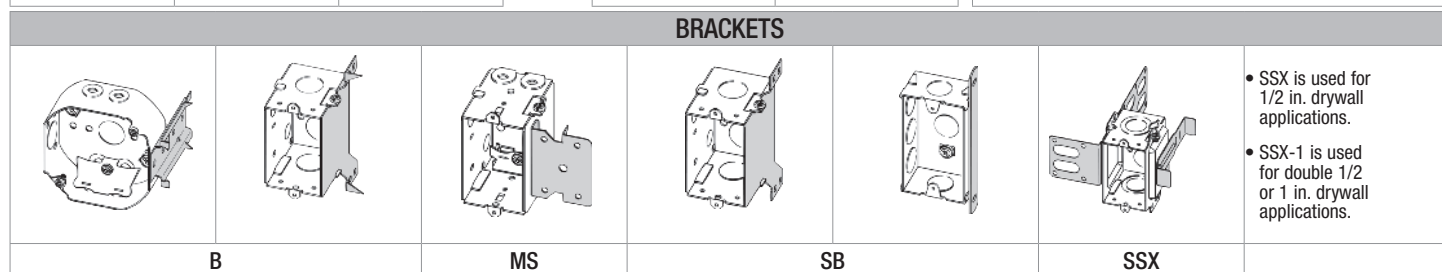
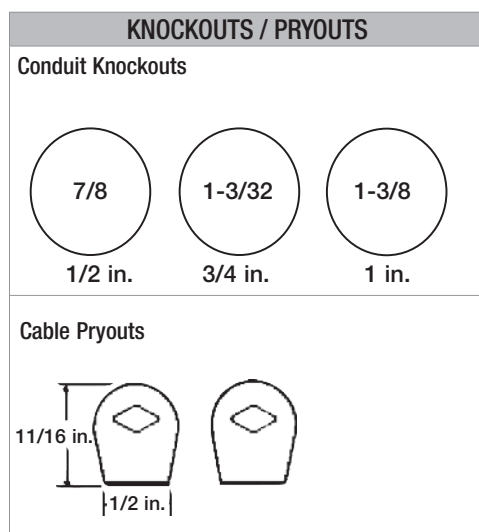
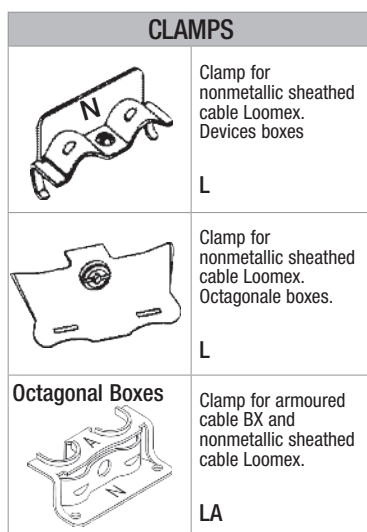
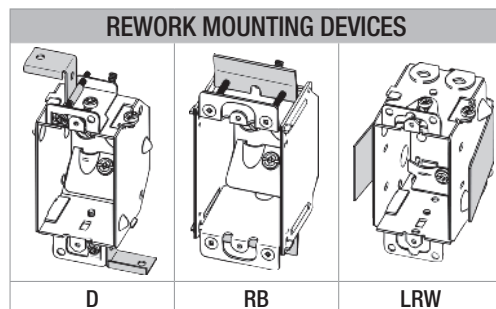


72171KSSX-CRT



Cat. No.	Features					Conduit Knockouts		
	Cubic Capacity	Usage	Bracket (See page A3)	Ground Screw		Side	Ends	Bottom
Qty.				Raised				
POWER / COMMUNICATIONS BOXES 3 IN. X 2 IN. (GANGABLE) X 2-1/2 IN.								
CI4204-KSSX	25.0	KO	SSX	2	—	—	4 x K	4 x 1/2 in.
CI4204-LSSX		L / LA		3			2 x K / 4 pryouts	2 x 1/2 in.
CI4204-LSSAX				2			4 pryouts	—
CI4304-LSSX	12.5	L / LA	SSX	2	—	—	4 pryouts	—
CI4304-LSSAX								
4 IN. OCTAGONAL - 1-1/2 IN. DEEP								
CI54151-KSSX	15.0	KO	SSX	1	yes	2 x K	—	2 x K + 2 x 1/2 in.
54151LSSAX-RT		L / LA		2	4 pryouts	1 x 1/2 in.		
4 IN. OCTAGONAL - 2-1/8 IN. DEEP								
54171KSSX-CRT	21.0	KO	SSX	1	yes	2 x K	—	2 x K + 2 x 1/2 in.
CI54171-KSSX-1			SSX-1					
4 IN. SQUARE - 1-1/2 IN. DEEP								
52151KSSX-RT	21.0	KO	SSX	1	yes	3 x K + 4 x 1/2	—	2 x K + 2 x 1/2 in.
4 IN. SQUARE - 2-1/8 IN. DEEP								
52171KSSX-RT	30.0	KO	SSX	1	yes	3 x K + 4 x 1/2	—	2 x K + 2 x 1/2 in.
4-11/16 IN. SQUARE - 2-1/8 IN. DEEP								
72171KSSX-CRT	42.0	KO	SSX	1	yes	4 x K	—	2 x K + 2 x 1/2 in.

Usage: KO: Conduit KOs only, L = NMD90 (Loomex, nonmetallic sheathed cable), LA = AC90 (BX, armoured cable)



*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