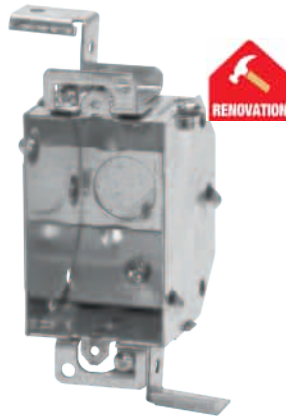




CI425



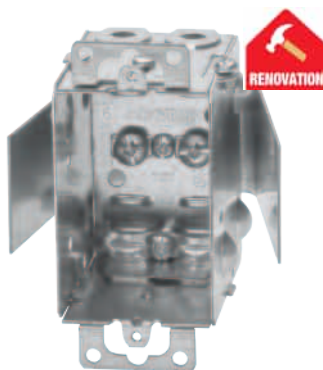
775LD-CRT



777LRB-CRT



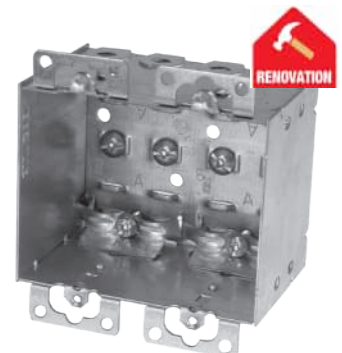
1104LRB-CRT



1104LRW-CRT



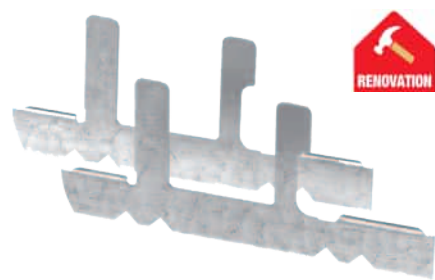
2104LRB-CRT



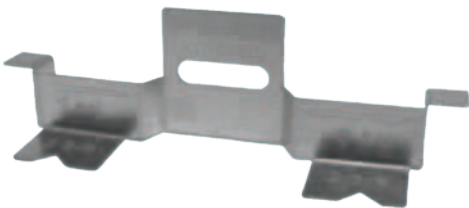
2104LRB2-CRT



Cat. No.	Features						Conduit Knockouts	
	Cubic Capacity	Clamps	Depth (in.)	Bracket (See page A3)	Ground Screw (Qty.)	Maximum Wall Thickness (in.)	Ends	Bottom
DEVICE BOXES 3 IN. X 2 IN.								
CI425	10.0	KO	2	Screwlock	1	5/8	2 x 1/2	1 x 1/2 in.
CI425-L		L / LA			2		2	
775LD-CRT		L		2-1/4	D	1	3/4	
777LRB-CRT	11.0		RB		1-1/8			
CI525-L	12.5	L / LA	2-1/2	Screwlock	2	5/8		
1104LRW-CRT				LRW		1		
1104LRB-CRT								
2104LRB-CRT						4		
2104LRB2-CRT	25.0		3-3/4		4		8	
4 IN. OCTAGONAL BOXES								
54151LD-CRT	15.0	L / LA	1-1/2	D	2	3/4	4 pryouts	1 x 1/2 in. and 4 pryouts
BC54171-LD	21.0	L	2-1/8				4	1 x 1/2 in.



820D-RP



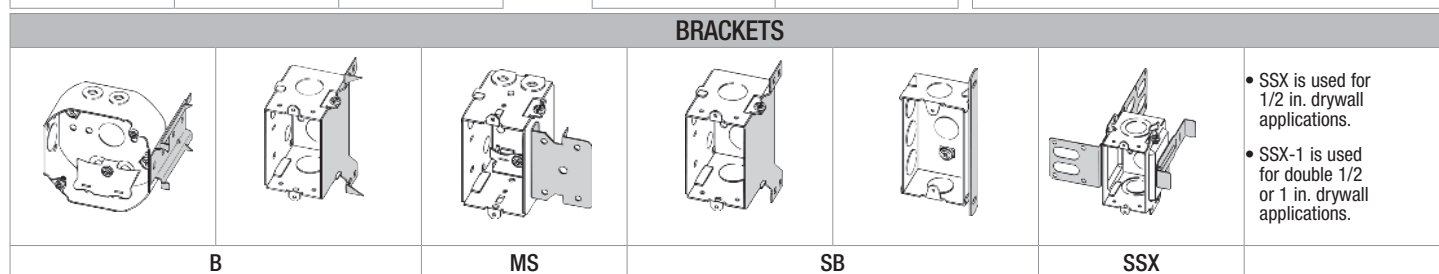
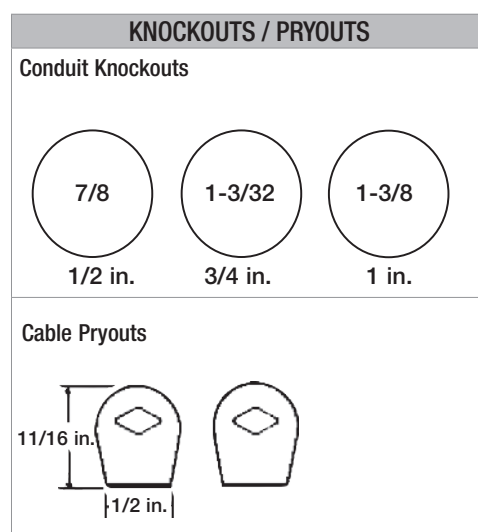
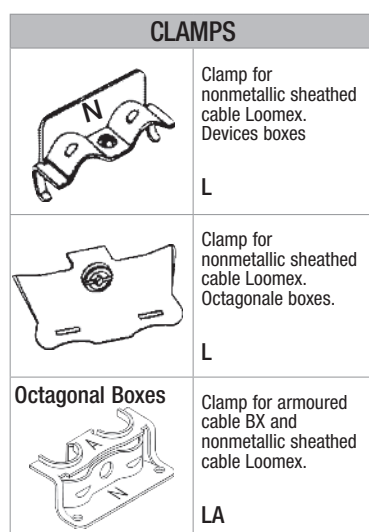
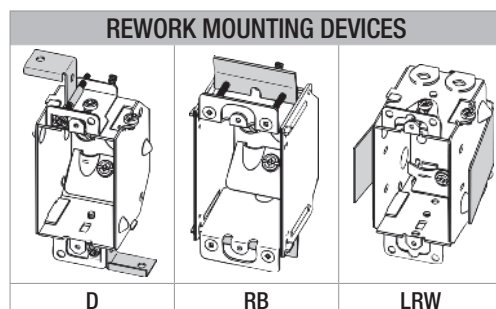
CI820-DX



SBEX-V2-RP



Cat. No.	Description	Packaging
REWORK SUPPORT BRACKETS		
820D-RP	Device box support for use in maximum wall thickness of 1 in.	Bag of 2 units
820DB6		Box of 6 units
820-D-CP		Bag of 6 units
820DP30		Box of 30 units
CI820-DX	Device box support for use in maximum wall thickness of 1/2 in. or double 1/2 in.	
CI820-RW	Bracket for installing 1104 Series of boxes with ears in rework applications c/w 8-32 x 1-1/2 in. long screw.	
DEVICE BOX EXTENDER		
SBEX-V2-RP	2 in. x 3 in. device box extender complete with mounting screws. Maximum adjustable depth of 7/8 in.	Bag of 1 unit



*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