

Armoured cable/flexible conduit

Fittings



		Cat. no.	Trade size (in.)	Clamping range (in.)		Suggested application	Flex. conduit	
				Min.	Max.	AC90 (BX)		
One-screw fittings (zinc alloy)								
 L-16 Zinc die cast locknut	 CI70	 CI71/CI73	L-16	⅜	0.12	0.63	14/2-10/2-14/3-10/3-14/4-10/4	⅝-⅜
			CI70	⅜	0.13	0.70	14/2, 12/2, 10/2, 14/3, 12/3, 10/3, 14/4	⅜
			CI71	½	0.33	0.95	14/2-10/2; 14/3-10/3; 14/4-8/4	⅝, ⅜, ½
			CI72	¾	0.60	1.15	6/2; 8/3-3/3; 8/4-3/4	½, ¾
			CI73	1	0.93	1.47	3/3-3/0/3; 2/4-1/4	¾, 1
Snap-In / One-screw fittings (zinc alloy)								
 L16-SI	 CI70-SI	L16-SI	⅜	0.46	0.598	14/2-10/2-14/3-10/3	⅜	
		CI70-SI	½	0.465	0.585	14/2, 12/2, 10/2, 14/3, 12/3, 10/3	-	
Duplex fittings (zinc alloy)								
 CI2175 Zinc die cast locknut	 CI2275	CI2175	⅜	0.15	0.65	14/2-10/2; 14/3-10/3; 14/4-12/4	⅜	
		CI2275*	⅜	0.45	0.58	14/2-10/2; 14/3-10/3; 14/4-12/4	⅜	
Snap-In / Duplex fittings (zinc alloy)								
 CI2175-SI	 CI2175-SID	 CI7300-SI	CI2175-SI	⅜	0.46	0.58	14/2-10/2; 14/3-10/3	⅜
			CI2175-SID	⅜	0.46	0.58	14/2-10/2; 14/3-10/3	⅜
			CI7300-SI	⅜	0.433	0.60	14/2-10/2; 14/3-10/3	⅜

Also suitable for ACWU90 (of equivalent diameters) in dry locations.

A non-ferrous connector and locknut must be used to terminate a single conductor cable when nominal current exceeds 200 A.

* Suitable for AC90 and ACG90: Clamping range for AC90 is 0.45–0.58 inch and for ACG90 is 0.47–0.57 inch.

NOTE: $\frac{3}{8}$ in. trade size fittings require a $\frac{1}{2}$ in. knockout. Technical improvements are constantly taking place in the electrical industry. Cable manufacturers are changing their products from time to time. Accordingly, it is strongly suggested that you verify the cable size with the cable manufacturer prior to selecting a fitting. See specification guide section for dimensions (pages C39–C40).

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		Trade size (in.)	Clamping range (in.)		Suggested application	Flex. conduit	
		Cat. no.	Min.	Max.	AC90 (BX)		
90° fittings (zinc alloy)							
	CI2210	⅜	0.40	0.63	14/2–10/2; 14/3–10/3 14/4–12/4	⅜	
	CI2211	½	0.65	0.97	8/2; 8/3; 10/4	½	
	CI2214	¾	0.77	1.12	1/0/1–4/0/1; 6/2–4/2; 8/3–3/3; 8/4–6/4	¾	
	CI2216	1	1.06	1.40	4/0/1–350/1; 2/2; 4/3–2/3; 6/4–4/4	1	
CI2210 /CI2236 Zinc die cast locknut	CI4090 Zinc locknut	CI2218	1¼	1.34	1.65	500/1–750/1; 1/3–3/0/3; 1/4–1/0/4	1¼
	CI2234	1½	1.70	2.15	600/1–1,000/1; 2/0/3; 1/4–3/0/4	1½	
	CI2236	2	1.51	2.47	600/1–1,000/1; 2/0/3–400/3; 1/4–4/0/4	1½–2	
	CI2238	2½	2.50	3.08	600/3–750/3	2½	
	CI2240	3	2.95	3.55	1,000/3	3	
CI2238 /CI2240 Zinc die cast locknut		CI4090	4	4.17	4.62	—	4
Snap-In 90° fittings (zinc alloy)							
	CI2210-SID	⅜	0.46	0.60	14/2–10/2; 14/3–10/3	⅜	
	CI2211-SID	½	0.67	0.785	8/2; 8/3	½	
CI2210-SID							

NOTE: $\frac{3}{8}$ in. trade size fittings require a $\frac{1}{2}$ in. knockout. Technical improvements are constantly taking place in the electrical industry. Cable manufacturers are changing their products from time to time. Accordingly, it is strongly suggested that you verify the cable size with the cable manufacturer prior to selecting a fitting. See specification guide section for dimensions (pages C39–C40).

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		Trade	Clamping range (in.)		Suggested application	Flex.
		size (in.)	Min.	Max.	AC90 (BX)	conduit
Single Snap-In fittings (zinc alloy)						
	CI730-SI	3⁄8	0,385	0,60	14/2–10/2; 14/3–10/3	3⁄8
	CI731-SI	3⁄4	0,55	0,85	10/3 - 6/3	1⁄2–3⁄8
CI730-SI	CI731-SI					
Double Snap-In fittings (zinc alloy)						
	CI853-SID	3⁄8	0,46	0,595	14/2–10/2	3⁄8
	CI854-SID	3⁄8	0,40	0,618	14/4-10/2; 14/3-10/3	3⁄8
CI853-SID	CI854-SID					
Flex connectors (zinc alloy)						
	XC-240	3⁄8	–	–	–	3⁄8
	XC-241	1⁄2	–	–	–	1⁄2
XC240	XC241					
Snap-in flex connectors (zinc alloy)						
	XC240-SI	3⁄8	–	–	–	3⁄8
	XC241-SI	1⁄2	–	–	–	3⁄8
XC240-SI	XC241-SI					

REMARQUE: Les connecteurs de grosseur nominale de 3/8 po se posent sur une débouchure de 1/2 po. Dans l'industrie électrique, les améliorations techniques sont chose de tous les jours. Il en va donc de soi que les fabricants de câbles modifient leurs produits de temps à autre. Pour cette raison, il est fortement recommandé de vérifier la grosseur des câbles auprès du fabricant avant de faire le choix d'un connecteur. Voir le guide technique pour les dimensions (pages C39-C40).

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	Cat. no.	Trade	Clamping range (in.)		Suggested application	Flex. conduit
		size (in.)	Min.	Max.	AC90 (BX)	
 CI2104 / CI2124 Zinc or aluminium die cast locknut	Two-screw fittings (cast aluminium body and clamp)					
	CI2104	½	0.45	0.59	14/2–10/2; 14/3–10/3; 14/4–12/4 ACWU90: 10/2; 12/3–10/3; 12/4; 12/5	⅝
	CI2106	¾	0.55	0.78	10/2–8/2; 10/3–8/3; 12/4–10/4 ACWU90: 3/1–2/1; 8/2; 10/3–8/3; 10/4; 12/5	⅝–⅞
	CI2108	1	0.69	1.01	1/0/1–2/0/1; 8/2–6/2; 8/3–6/3; 8/4 ACWU90: 3/1–3/0/1; 6/2–4/2; 8/3–4/3; 8/4–6/4	½
	CI2110	1¼	0.84	1.33	1/0/1–350/1; 6/2–2/2; 6/3–2/3; 8/4–4/4 ACWU90: 1/0/1–400/1 6/2–1/2; 6/3–2/3; 8/4–2/4	¾
	CI2112	1½	1.06	1.57	4/0/1–600/1; 2/2–1/2; 4/3–2/0/3; 4/4–1/4 ACWU90: 4/0/1–600/1; 1/0/2–3/0/2; 4/3–2/0/3; 6/4–1/0/4	1
	CI2116	2	1.38	2.06	500/1–1000/1; 1/0/3–300/3; 1/4–3/0/4 ACWU90: 500/1–1000/1; 2/0/2–350/2; 1/0/3–300/3; 1/4–4/0/4	1¼, 1½
	CI2120	2½	1.95	2.47	400/3–500/3 300/4–500/4	1½, 2
	CI2124	3	2.25	3.57	500/4–750/4	2, 2½
One-screw fitting (zinc alloy)						
 CI2163 Zinc die cast locknut	CI2163	⅝	0.35	0.61	14/2–10/2; 14/3–10/3; 14/4–12/4	⅝
One-screw fittings (aluminum)						
 CI2166 / CI2172 Zinc die cast locknut	CI2166	½	0.50	0.90	12/2–8/2; 12/3–8/3; 14/4–10/4	½
	CI2167	¾	0.71	1.10	1/0/1–4/0/1; 6/2–4/2; 8/3–3/3; 8/4–6/4	¾
	CI2169	1	1.16	1.40	250/1–300/1; 2/3; 4/4	1
	CI2170	1¼	1.32	1.77	400/1–600/1; 1/2; 1/3–2/0/3; 1/4	1¼
	CI2171	1½	1.77	2.05	1000/1; 4/0/3 ACWU90: 1000/1; 4/0/3; 3/0/4	1½
	CI2172	2	2.10	2.54	350/3–400/3 ACWU90: 1500/1; 500/2; 350/3–400/3; 250/4–300/4	2

Also suitable for ACWU90 (of equivalent diameters) in dry locations. CI2104/CI2116 fittings may also be used for RA90 cables of equivalent diameters. A non-ferrous connector and locknut must be used to terminate a single conductor cable when nominal current exceeds 200 A

NOTE: ⅝ in. trade size fitting require a ½ in. knockout

Technical improvements are constantly taking place in the electrical industry. Cable manufacturers are changing their products from time to time. Accordingly, it is strongly suggested that you verify the cable size with the cable manufacturer prior to selecting a fitting.

See specification guide section for dimensions (pages C39-C40).

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	Cat. no.	Trade	Clamping range (in.)		Suggested application	Flex.
		size (in.)	Min.	Max.	AC90 (BX)	conduit
		Two-screw fittings (zinc alloy)				
	CI2173	2½	2.05	3.07	250/3–600/3; 250/4–300/4 ACWU90: 1500/1; 500/2	2, 2½
	CI2174	3	2.25	3.57	350/3–600/3; 4/0/4–300/4 ACWU90: 1500/1; 500/2	2½, 3
CI2173 / CI2174 Zinc die cast locknut						

CI2173 / CI2174

Zinc die cast locknut

CI4000

Aluminum locknut and plastic bushing

See specification guide section for dimensions (pages 39–40).



	Cat. no.	Trade size (in.)	Description
Cable Lok one-screw fittings (galvanized steel)			
	XC-730 *	½	Single connector
	XC-731	½	Single connector
	XC-732	¾	Single connector
	XC-7300	½	Duplex connector

XC-730

* Not CSA certified

	XC-730 ½ in. single	XC-731 ½ in. single	XC-732 ¾ in. single	XC-7300 ½ in. duplex
Conduit / cable selection guide				
Armoured cable	14/2; 14/3; 14/4 12/2; 12/3; 12/4	14/2; 14/3; 14/4 12/2; 12/3; 12/4	10/4 8/2; 8/3 6/2	14/2; 14/3; 14/4 12/2; 12/3; 12/4
Flexible conduit	¾	—	½	¾



	Cat. no.	Description
Snap-in fitting for MC cable – steel		
	XC-130	Steel snap-in fitting for MC cable (14/2 + G to 10/3 + G)

XC-130

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Accessories



		Trade size (in.)		Clamping range (in.)	
Cat. no.		EMT	Flex.	Min.	Max.
EMT / flex. couplings (zinc alloy)					
 CI5153  CI5154  TX-212	CI5153	1/2	3/8	0.17	0.63
	CI5154	1/2	1/2	0.75	0.95
	TX-212	3/4	3/4	0.78	1.20



		Dimensions (in.)		Hole size (in.)	Suggested application AC90 (BX)	Flex. conduit (in.)
Cat. no.		H	W			
Cable straps (aluminum)						
 CI0 / CI5	CI0	0.44	0.63	3/16	14/2	—
	CI1	0.50	0.56	3/16	12/2–10/2; 14/3–12/3; 14/4	5/16
	CI2	0.50	0.63	3/16	10/3; 12/4	3/8
	CI3	0.57	0.68	3/16	10/2; 10/3; 12/4	—
	CI4	0.81	1.06	3/16	6/2; 6/3; 8/4	1/2
	CI5	1.06	1.25	7/32	4/2–2/2; 4/3–2/3; 6/4–4/4	3/4
Cable staples (galvanized steel)						
 CIS-3 / CIS-4	CIS-3	0.49	0.70	—	14/2–12/2; 14/3–12/3	5/16
	CIS-4	0.76	0.86	—	14/2–8/2; 14/3–8/3; 14/4–10/4	3/8, 7/16



		Trade size (in.)	Max. flex. conduit dia. (in.)	Hole size (in.)
Cat. no.				
Flexible conduit strap (galvanized steel)				
 CI38	CI38	3/8	0.61	3/16



		Max. flex. conduit dia. (in.)	Hole size (in.)
Cat. no.			
One-hole double-sided strap (galvanized steel)			
 CI7538	CI7538*	1.05	3/16

* Any combination of 3/8 in., 1/2 in. and 3/4 in. EMT, rigid conduit, flexible conduit or teck cables

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Accessories



			Cat. no.	Application
Protector plates (galvanized steel)				
 CI66  CI66-FPP  CI66-PPH  CI66-T  CI66-SS  CI66-XL-2  CI66-XL			CI66	For wood stud
			CI66-FPP	For forenze
			CI66-PPH	For exterior wall, in front of wood stud
			CI66-SS	For metal stud
			CI66-T	For wood stud
			CI66-XL	For wood stud
			CI66-XL-2	For wood stud

As required by CEC rules 12-516 and 12-616



		Cat. no.	AC cable size	Size
				Pkg. qty.
Anti-short bushings				
 IT-100-SC		IT-100-SC	14/2, 14/3, 12/2	0
		IT-101	14/4, 12/3, 6/1, 4/1	1
		IT-102	12/4, 10/2, 10/3, 2/1	2
		IT-103	10/4, 8/2, 8/3, 1/1	3
		IT-104	8/4, 6/2, 6/3, 4/2, 4/3, 6/4	4