

Quick Select Table: **CMAC** Heavy Wall Aluminum, CSA Certified



System Ingress Ratings:

NEMA: Type 1
IEC Ingress: IP40

System Temperature Ratings:

Gen: Dry: -45 to +400°C (-49 to +752°F)
IEC/CE: Gen: -45 to +400°C (-49 to +752°F)

Typical Applications:

CMAC FMC References: ¹⁾

Tech Data Sheet: TDS000020
CSA C22.2, No. 56 CSA File: LR-72635
IEC 61386-1, -23 EU DoC: EC-012-17-172

Steel City Fitting References:

UL 514B File No.: E1383, E-17909, E23018
CSA C22.2, No. 18 File No.: LR-12798, LR-18130M57

T&B Fitting References:

UL 514B File No.: 23018
CSA C22.2, No. 18 File No.: LR-2884



Flexible Metallic Conduit												Fittings & Accessories																				
Core Material: Aluminum												Steel City® Fittings				T&B® Fittings				Steel City® Fittings												
Jacket Material: Non-Jacketed												Series XC Squeeze Type				Series 200 Squeeze Type				Series 300 Tite-Bite®				Conduit Supports								
Copper Bonding Wire: None												Die-Cast - Zinc Plated				Steel/Malleable Iron - Zinc Plated				Steel/Malleable Iron - Zinc Plated				Steel - Zinc Plated								
Trade Size Reference			Part. No.	Carton ¹⁾		UL Bond Wire	Technical				Thread Type	Trade Size	Non-Insulated				Insulated				Non-Insulated				Insulated				One Hole		Two Hole	
UL	CSA	BS EN		Feet	Meters		ID Range		Min. Static Bend Radius				Straight		90°		Straight		90°		Straight		90°		Straight		90°		Part No.	Part No.		
Inch	Metric	Metric			Inch	mm	Inch	mm			Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.					
3/8"	12mm	16mm	CMACS01M-C	100	30	No	0.375 to 0.393	9.5 to 10.0	2.0"	51mm	NPS	1/2"	XC-269	XC-290	---	XC-890	253-TB	272	253-I-TB	272-I	301-TB	321	3110-TB	3130-TB	HS-100-SC	---						
1/2"	16mm	20mm	CMACS02M-C	100	30	No	0.625 to 0.645	15.9 to 16.4	3.0"	76mm	NPS	1/2"	XC-270	XC-291	XC-870	XC-891	254-TB	268-TB	254-I-TB	268-I-TB	302-TB	323	3112	3132	HS-101	HS-901						
3/4"	21mm	25mm	CMACS03M-C	100	30	No	0.812 to 0.835	20.6 to 21.2	4.0"	102mm	NPS	3/4"	XC-272	XC-292	XC-872	XC-892	255	270	255-I	270-I	304	325	3115	3135	HS-102	HS-902						
1"	27mm	32mm	CMACS04M-B	50	15	No	1.000 to 1.040	25.4 to 26.4	5.0"	127mm	NPS	1"	XC-273	XC-293	XC-873	XC-893	256	273-TB	256-I	273-I-TB	306	326-TB	3117	3137	HS-103	HS-903						
1-1/4"	35mm	40mm	CMACS05M-B	50	15	No	1.250 to 1.300	31.8 to 33.0	6.2"	157mm	NPS	1-1/4"	XC-274	XC-294	XC-874	XC-894	257	274	257-I	274-I	308	327-TB	3118	3138	HS-104	HS-904						
1-1/2"	41mm	50mm	CMACS06M-A	25	8	No	1.500 to 1.575	38.1 to 40.0	7.5"	191mm	NPS	1-1/2"	XC-275	XC-295	XC-875	XC-895	258	275	258-I	275-I	310	328	3119	3139	HS-105	HS-905						
2"	53mm	63mm	CMACS07M-A	25	8	No	2.000 to 2.080	50.8 to 52.8	10.0"	254mm	NPS	2"	XC-276	XC-296	XC-876	XC-896	259	276	259-I	276-I	312	329	3120	3140	HS-106	HS-906						
2-1/2"	63mm	70mm	CMACS08M-A	25	8	No	2.500 to 2.700	63.5 to 68.2	12.5"	318mm	NPS	2-1/2"	XC-277	XC-297	XC-877	XC-897	249	282-TB	249-I	282-I-TB	314	330-TB	3121	3141	HS-107	HS-907						
3"	78mm	80mm	CMACS09M-A	25	8	No	3.000 to 3.200	76.2 to 81.3	15.0"	381mm	NPS	3"	XC-278	XC-298	XC-878	XC-898	277	283-TB	277-I	283-I-TB	316	331	3122	3142	HS-108	HS-908						
4"	103mm	100mm	CMACS11M-A	25	8	No	4.000 to 4.200	101.6 to 106.7	20.0"	508mm	NPS	4"	XC-2710	XC-2910	XC-8710	XC-8910	281-TB	285-TB	281-I-TB	285-I-TB	320	3144-TB	3124	3144-TB	HS-110	HS-910						

Att: Steel City® Conduit Systems Quick Select Tables are intended to assist users with recommended component selection for Cable Protection System solutions. Final component selection is the responsibility of the user based on actual application, standards and local electrical code requirements. This information is regularly maintained and is subject to change at the discretion of T&B/ABB. Go to www.abb.com/low-voltage/products/conduit-fittings/steel-city-conduit-systems for latest document revision.

Notes:
1) Packaging lengths available in cartons, standard reels and bulk reels, see publication TDS000020 for details

CMAC QST 0418.pdf

Steel City Conduit Systems

