

Quick Select Table: CMSU Thin Wall Steel, UL Listed



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:

CMSU FMC References: ¹⁾

Tech Data Sheet: TDS000019
UL 1
CSA C22.2, No. 56
IEC 61386-1, -23

UL File: E484989
CSA File: LR-72635
EU DoC: EC-012-17-174

Steel City Fitting References:

UL 514B
CSA C22.2, No. 18


File No.: E1383, E-17909, E23018
File No.: LR-12798, LR-18130M57

T&B Fitting References:

UL 514B
CSA C22.2, No. 18

File No.: 23018
File No.: LR-2884



Flexible Metallic Conduit												Fittings & Accessories																
Core Material: Galvanised Steel Jacket Mat: Non-Jacketed Copper Bonding Wire: None												Steel City® Fittings				T&B® Fittings				Steel City® Fittings								
												Series XC Squeeze Type				Series 200 Squeeze Type				Series 300 Tite-Bite®				Conduit Supports				
												Die-Cast - Zinc Plated				Steel/Malleable Iron - Zinc Plated				Steel/Malleable Iron - Zinc Plated				Steel - Zinc Plated				
												Non-Insulated		Insulated		Non-Insulated		Insulated		Non-Insulated		Insulated		Steel - Zinc Plated		Steel - Zinc Plated		
Trade Size Reference			Carton ¹⁾			Technical			Thread Type		Trade Size		Straight		90°		Straight		90°		Straight		90°		One Hole		Two Hole	
UL	CSA	BS EN	Part. No.			Feet	Meters	UL Bond Wire	ID Range		Min. Static Bend Radius		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.	
Inch	Metric	Metric							Inch	mm	Inch	mm																
3/8"	12mm	16mm	CMSU01M-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	CMSU02M-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	CMSU03M-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	CMSU04M-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	CMSU05M-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	CMSU06M-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	CMSU07M-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	CMSU08M-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	CMSU09M-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	CMSU11M-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

Attn: 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 TDS000019 for details

CMSU QST 0418.pdf

Steel City Conduit Systems

