



CLENCHER®

CMCA

Class I, Div. 2†, Groups A, B, C, D
Class I, Zone 1, AEx e II
Class II, Div. 1 & 2, Groups E, F, G
Class III
Class I, Zones 1 & 2†
Suitable for wet locations
Types 3, 4, 4X
IP66



FEATURES-SPECIFICATIONS

Applications

Designed for use with jacketed interlocked and continuously welded/corrugated armor cable where it is essential to provide positive grounding of cable armor and a NEMA 3, 4, 4X connection. e.g. TEC® or MC type cable. Use outdoors or indoors.

Features

- Provides 360° armor grounding which is fully inspectable.
- Grounding Device remains in contact with cable when disassembled for inspection.
- Provides cable retention and a low smoke and fume, zero halogen seal onto the cables outer sheath.

- Provides an outer deluge seal to prevent moisture ingress to the cable armor and enclosure.

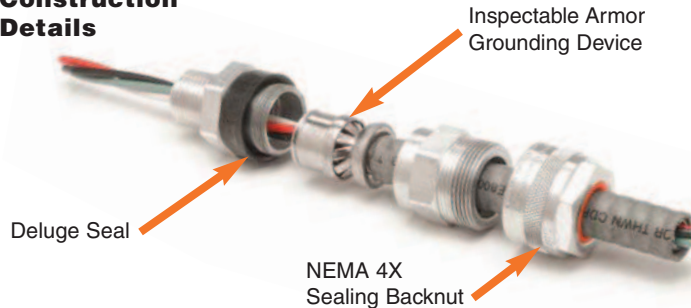
Materials

- Copper free aluminum (less than 4/10 of 1%)

Operating Temperature Range

- -50°C to +60°C

Construction Details



CATALOG NUMBER	SIZE REF.	ENTRY THREAD SIZE		CABLE ACCEPTANCE DETAILS				MAX. LENGTH	HEXAGON DIMENSIONS	
				INNER SHEATH/ CORES		OUTER JACKET 'B'			ACROSS FLATS	ACROSS CORNERS
		NPT SIZE	METRIC	ARMOR SHEATH 'A'		MIN.	MAX.			
				MIN.	MAX.					
CMCAA050	A	1/2"	M20	0.41"	0.64"	0.49"	0.80"	3.35"	1.18"	1.36"
CMCAB075	B	3/4"	M25	0.49"	0.93"	0.66"	1.02"	3.61"	1.42"	1.64"
CMCAC100	C	1"	M32	0.85"	1.23"	0.87"	1.29"	3.90"	1.81"	2.09"
CMCAC2125	C2	1 1/4"	M40	1.17"	1.59"	1.10"	1.61"	4.01"	2.17"	2.50"
CMCAD150	D	1 1/2"	M50	1.37"	1.96"	1.42"	2.07"	4.94"	2.56"	2.96"
CMCAD200	D	2"	M50	1.37"	1.96"	1.42"	2.07"	4.94"	2.56"	2.96"
CMCAE250	E	2 1/2"	M63	1.76"	2.55"	1.81"	2.57"	5.15"	3.15"	3.64"
CMCAF300	F	3"	M75	2.29"	2.98"	2.24"	3.07"	5.17"	3.74"	4.31"
CMCAH350	H	3 1/2"	M90	2.92"	3.47"	3.18"	3.52"	5.17"	4.18"	4.84"

Cable armor diameter and cable jacket diameter refer to the dimensions across the crest - all dimensions in inches.

† Where explosion proof/flameproof enclosures are being used the CMCA must be installed in conjunction with an approved sealing fitting. In Division 2 areas the CMCA can be fitted directly to an enclosure which has no source of ignition.

