TREFOIL

CABLE CLEAT

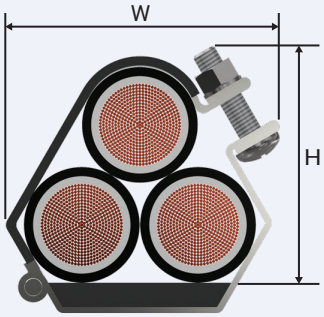
MULTIPLE CABLE TYPE

Features and Benefits

- Provides securing, support and retention of cables in cable ladder, tray or strut systems.
- Designed to hold cables together in a trefoil arrangement and to provide resistance to electromechanical forces during short circuit conditions.
- Manufactured from corrosion resistant non-magnetic 316 Stainless Steel.
- Complete with UV Resistant LSOH Polymeric Liners to protect cable sheaths during installation and movement due to electromechanical forces during short circuits.
- Open hinge system allows for easy placement of cables into the cleat prior to tightening.
- Accessible tightening bolt allows for easy tightening with a single tool.
- Wide range 13mm to 128mm.

Construction

Frame:	Non-magnetic corrosion resistant 316 stainless steel
Cable resting base:	LSF Polymeric composite
Liner:	LSF Polymeric composite
Locking hardware:	316 Stainless Steel M10 Nylon locking nut and bolt



Technical Specifications

Type:	Trefoil Cable Cleat
Third party certified:	IEC 61914:2015
Resistance to mechanical forces:	180 kA 300mm spacing 125 kA 600mm spacing 103 kA 900mm spacing 90 kA 1200mm spacing
Lateral load test:	Average 25kg
Axial load test:	Pass according to IEC 61914:2015
Impact resistance:	Very Heavy
Temperature range:	-40°C to 105°C
Needle flame test:	650°C for 30 sec

Standards and Certifications

Conformance:	Standard:	Certificate:
Marine DNV-G	IEC 61914:2015	DNV-GL TAE0004C3

DNV·GL

Product Code	Cable Range		Diamensions	
	Min. Dia. mm	Max. Dia. mm	Height mm	Width mm
CC-T1323	13.0	23.0	73.0	68.0
CC-T2125	21.0	25.0	75.0	72.0
CC-T2329	23.0	29.0	80.0	79.0
CC-T2531	25.0	31.0	83.0	82.0
CC-T2733	27.0	33.0	84.0	85.0
CC-T2935	29.0	35.0	89.0	90.0
CC-T3238	32.0	38.0	92.0	96.0
CC-T3541	35.0	41.0	98.0	100.0
CC-T3844	38.0	44.0	100.0	106.0
CC-T4248	42.0	48.0	104.0	113.0
CC-T4551	45.0	51.0	107.0	120.0
CC-T4753	47.0	53.0	110.0	122.0
CC-T4955	49.0	55.0	113.0	125.0
CC-T5157	51.0	57.0	115.0	127.0
CC-T5359	53.0	59.0	118.0	135.0
CC-T5561	55.0	61.0	122.0	138.0
CC-T5763	57.0	63.0	125.0	141.0
CC-T5965	59.0	65.0	126.0	145.0
CC-T6167	61.0	67.0	131.0	148.0
CC-T6369	63.0	69.0	134.0	153.0
CC-T6571	65.0	71.0	139.0	155.0
CC-T6773	67.0	73.0	143.0	156.0
CC-T6975	69.0	75.0	146.0	161.0
CC-T7177	71.0	77.0	150.0	164.0
CC-T7379	73.0	79.0	154.0	166.0
CC-T7581	75.0	81.0	157.0	170.0
CC-T7783	77.0	83.0	160.0	174.0
CC-T7985	79.0	85.0	162.0	178.0
CC-T8187	81.0	87.0	168.0	181.0
CC-T8389	83.0	89.0	172.0	185.0
CC-T8896	88.0	96.0	180.0	195.0
CC-T96103	96.0	103.0	189.0	203.0
CC-T103111	103.0	111.0	198.0	206.0
CC-T111119	111.0	119.0	207.0	215.0
CC-T119128	119.0	127.0	216.0	223.0

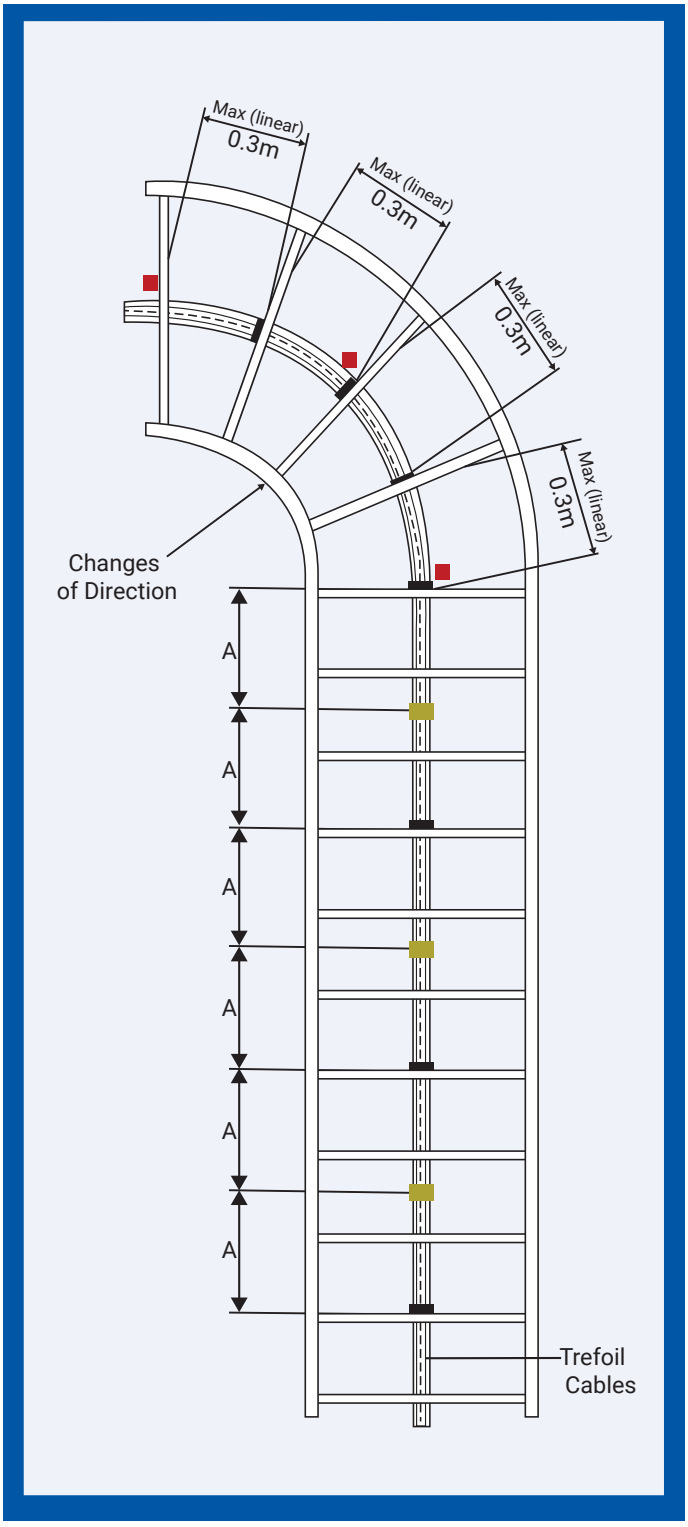
SELECTION OF

TREFOIL CABLE CLEATS

How to select cable cleats

1. IDENTIFY
   - Which type of cable is being used. Single or multi-conductor?
   - What is the outer diameter of the cable?
   - What is the available short circuit current (RMS or Peak) of the cables?
   - If a ground wire is installed in the cleats, identify the outer diameter of the ground wire?

2. THE SYSTEM
   - What is the cable formation, singe or trefoil?
   - What type of the cable tray is installed?



Product Code	Cable Dia. (mm)	Spacing between Conductor Centers mm IP PEAK (kA)			
		0.3	0.6	0.9	1.2
CC-T1323	13.0	109.0	77.0	63.0	54.0
	23.0	145.0	103.0	84.0	72.0
CC-T2125	21.0	139.0	98.0	80.0	69.0
	25.0	152.0	107.0	87.0	76.0
CC-T2329	23.0	145.0	103.0	84.0	72.0
	29.0	163.0	115.0	94.0	81.0
CC-T2531	25.0	152.0	107.0	87.0	76.0
	31.0	169.0	119.0	97.0	84.0
CC-T2733	27.0	158.0	111.0	91.0	79.0
	33.0	174.0	123.0	100.0	87.0
CC-T2935	29.0	163.0	115.0	94.0	81.0
	35.0	180.0	125.0	103.0	90.0
CC-T3238	32.0	172.0	121.0	99.0	86.0
	38.0	187.0	132.0	108.0	93.0
CC-T3541	35.0	180.0	125.0	103.0	90.0
	41.0	194.0	137.0	112.0	97.0
CC-T3844	38.0	187.0	132.0	108.0	93.0
	44.0	201.0	142.0	116.0	100.0
CC-T4248	42.0	197.0	139.0	113.0	98.0
	48.0	210.0	149.0	121.0	105.0
CC-T4551	45.0	204.0	144.0	117.0	102.0
	51.0	217.0	153.0	125.0	108.0
CC-T4753	47.0	208.0	147.0	120.0	104.0
	53.0	221.0	156.0	127.0	110.0
CC-T4955	49.0	212.0	150.0	122.0	106.0
	55.0	225.0	159.0	130.0	112.0
CC-T5157	51.0	217.0	153.0	125.0	108.0
	57.0	229.0	162.0	132.0	114.0
CC-T5359	53.0	221.0	156.0	127.0	110.0
	59.0	233.0	165.0	134.0	116.0
CC-T5561	55.0	225.0	159.0	130.0	112.0
	61.0	237.0	168.0	137.0	118.0
CC-T5763	57.0	229.0	162.0	132.0	114.0
	63.0	241.0	170.0	139.0	120.0
CC-T5965	59.0	233.0	165.0	134.0	116.0
	65.0	245.0	173.0	141.0	122.0
CC-T6167	61.0	237.0	168.0	137.0	118.0
	67.0	249.0	176.0	143.0	124.0
CC-T6369	63.0	241.0	170.0	139.0	120.0
	69.0	252.0	178.0	145.0	126.0
CC-T6571	65.0	245.0	173.0	141.0	122.0
	71.0	256.0	181.0	148.0	128.0
CC-T6773	67.0	249.0	176.0	143.0	124.0
	73.0	259.0	183.0	150.0	130.0
CC-T6975	69.0	252.0	178.0	145.0	126.0
	75.0	263.0	186.0	152.0	131.0
CC-T7177	71.0	256.0	181.0	148.0	128.0
	77.0	266.0	188.0	154.0	133.0
CC-T7379	73.0	259.0	183.0	150.0	130.0
	79.0	270.0	191.0	156.0	135.0
CC-T7581	75.0	263.0	186.0	152.0	131.0
	81.0	273.0	193.0	158.0	136.0
CC-T7783	77.0	266.0	188.0	154.0	133.0
	83.0	277.0	196.0	160.0	138.0
CC-T7985	79.0	270.0	191.0	156.0	135.0
	85.0	280.0	198.0	161.0	140.0
CC-T8187	81.0	273.0	193.0	158.0	136.0
	87.0	283.0	200.0	163.0	141.0
CC-T8389	83.0	277.0	196.0	160.0	138.0
	89.0	287.0	202.0	165.0	143.0
CC-T8896	88.0	285.0	201.0	164.0	142.0
	96.0	298.0	210.0	172.0	149.0
CC-T96103	96.0	298.0	210.0	172.0	149.0
	103.0	308.0	218.0	178.0	154.0
CC-T103111	103.0	308.0	218.0	178.0	154.0
	111.0	320.0	226.0	185.0	160.0
CC-T111119	111.0	320.0	226.0	185.0	160.0
	119.0	331.0	234.0	191.0	165.0
CC-T119128	119.0	331.0	234.0	191.0	165.0
	128.0	344.0	243.0	198.0	172.0