

Cable Cleats for Short Circuit Protection - Aluminum Trefoil Cleat

PANDUIT

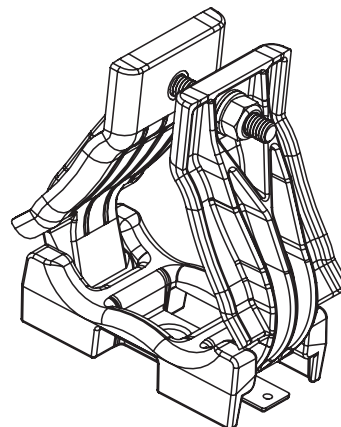
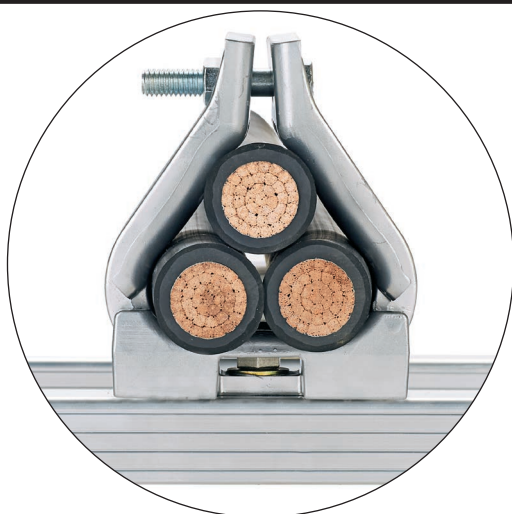
**ALEXANDER
SCHNEIDER**

DATA SHEET

overview

The Aluminum Trefoil Cable Cleat is ideal for medium-high short circuit faults in less corrosive environments. It is available in multiple sizes with cable range-taking capability and is suitable for trefoil cable arrangements.

The cleat can be installed after running cable using a Panduit mounting bracket or direct to the cable tray rung via a fixing hole and M8 bolt. Insulating spacers and washers are available to protect against galvanic corrosion between dissimilar cable tray rung and cable cleat materials.



features

Cleats comply with IEC 61914:2015 standard. Tested at third party laboratory

Cast aluminum material

Operating temperature -40°C to +120°C (-40°F to +248°F)

23 – 75 mm cable diameter range-taking via 14 parts. Custom sizes available upon request

Single bolt fixing (M8) or mounting bracket fixing provides installation flexibility

Tightening bolt includes nylon insert lock nut for vibration dampening

Rounded aluminum edges for cable insulation protection

Ridges help hold cable in place

Available insulating spacers and washers

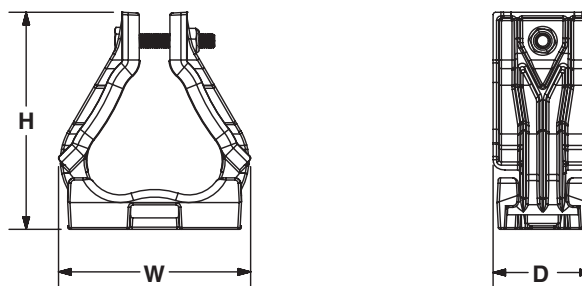
short circuit testing summary¹

Trefoil Formation 38 mm Cable Diameter	Trefoil Formation 38 mm Cable Diameter	Trefoil Formation 38 mm Cable Diameter	Trefoil Formation 38 mm Cable Diameter
One Short Circuit Event (Clause 6.4.4) 300 mm spacing	Two Short Circuit Events (Clause 6.4.5) 300 mm spacing	One Short Circuit Event (Clause 6.4.4) 600 mm spacing	Two Short Circuit Events (Clause 6.4.5) 600 mm spacing
114 kA	109 kA	94.6 kA	94.6 kA
3921 lbs force (17.4 kN)	3585 lbs force (15.9 kN)	5401 lbs force (24.0 kN)	5401 lbs force (24.0 kN)

¹Test compliance to IEC 61914:2015 utilizing KEMA facility; Independent, ISO 17025 accredited testing, inspection, and certification services (IEEE, IEC, UL, and ANSI) for electric power equipment.

Cable Cleats for Short Circuit Protection - Aluminum Trefoil Cleat

technical data



Part Number	Description	Cable Diameter Range		H		W		D		Weight		Mounting Holes
		In.	mm	In.	mm	In.	mm	In.	mm	Lb.	g	
CCALTR2326-X	Cable cleat, aluminum, trefoil configuration with a cable diameter of 23 - 26 mm.	0.91 - 1.02	23 - 26	3.92	100	3.98	101	2.17	55	0.81	370	1 x M8
CCALTR2528-X	Cable cleat, aluminum, trefoil configuration with a cable diameter of 25 - 28 mm.	0.98 - 1.10	25 - 28	4.06	103	4.15	105	2.17	55	0.85	385	1 x M8
CCALTR2730-X	Cable cleat, aluminum, trefoil configuration with a cable diameter of 27 - 30 mm.	1.06 - 1.18	27 - 30	4.19	107	3.86	98	2.17	55	0.85	388	1 x M8
CCALTR2932-X	Cable cleat, aluminum, trefoil configuration with a cable diameter of 29 - 32 mm.	1.14 - 1.26	29 - 32	4.33	110	3.87	98	2.17	55	0.87	397	1 x M8
CCALTR3135-X	Cable cleat, aluminum, trefoil configuration with a cable diameter of 31 - 35 mm.	1.22 - 1.38	31 - 35	4.55	116	3.96	101	2.17	55	0.92	418	1 x M8
CCALTR3438-X	Cable cleat, aluminum, trefoil configuration with a cable diameter of 34 - 38 mm.	1.34 - 1.50	34 - 38	4.77	121	4.18	106	2.17	55	0.93	424	1 x M8
CCALTR3741-X	Cable cleat, aluminum, trefoil configuration with a cable diameter of 37 - 41 mm.	1.46 - 1.61	37 - 41	4.99	127	4.41	112	2.17	55	0.98	448	1 x M8
CCALTR4044-X	Cable cleat, aluminum, trefoil configuration with a cable diameter of 40 - 44 mm.	1.57 - 1.73	40 - 44	5.24	133	4.63	118	2.17	55	1.05	477	1 x M8
CCALTR4347-X	Cable cleat, aluminum, trefoil configuration with a cable diameter of 43 - 47 mm.	1.69 - 1.85	43 - 47	5.52	140	4.85	123	2.17	55	1.14	516	1 x M8
CCALTR4651-X	Cable cleat, aluminum, trefoil configuration with a cable diameter of 46 - 51 mm.	1.81 - 2.01	46 - 51	5.83	148	5.05	128	2.17	55	1.23	558	1 x M8
CCALTR5056-X	Cable cleat, aluminum, trefoil configuration with a cable diameter of 50 - 56 mm.	1.97 - 2.20	50 - 56	6.20	158	5.50	140	2.17	55	1.32	602	1 x M8
CCALTR5561-X	Cable cleat, aluminum, trefoil configuration with a cable diameter of 55 - 61 mm.	2.17 - 2.40	55 - 61	6.57	167	5.72	145	2.17	55	1.42	647	1 x M8
CCALTR6067-X	Cable cleat, aluminum, trefoil configuration with a cable diameter of 60 - 67 mm.	2.36 - 2.64	60 - 67	7.01	178	6.15	156	2.17	55	1.55	706	1 x M8
CCALTR6675-X	Cable cleat, aluminum, trefoil configuration with a cable diameter of 66 - 75 mm.	2.60 - 2.95	66 - 75	7.93	193	6.72	171	2.17	55	1.73	787	1 x M8

**ALEXANDER
SCHNEIDER**
THE POWER OF EXCELLENCE