

CMP Themis (2BCHT) Heavy Duty Fire Rated Cable Cleats (Two Bolt)



Description

The **Themis (2BCHT)** two-bolt high-temperature single cable cleat is a heavy-duty, fire-rated solution engineered for the secure retention of single cables in critical electrical installations. Tested to **IEC 61914** (Cable Cleats for Electrical Installations), it ensures cables are firmly secured without damage or deformation.

Fire-Rated Protection for Critical Circuits

The Themis (2BCHT) cable cleat is purpose-built for use with **LSZH and fire performance cables**, maintaining support and system integrity during prolonged high-temperature fire conditions. It plays a key role in protecting life safety systems and evacuation routes, ensuring continued operation during emergencies.

High Strength Design for Maximum Retention

Featuring a **patent-pending twin arc internal design**, Themis cleats deliver excellent cable retention, significantly reducing both axial and lateral movement under fault or high-temperature fire conditions. The **two-bolt fixing design** enhances stability and load performance, making it ideal for larger cable diameters and demanding installations.

Built for Harsh Environments

Manufactured from **marine-grade 316L stainless steel**, the Themis cleat offers exceptional resistance to corrosion, making it suitable for indoor, outdoor and industrial environments.

With an operating temperature range of **-60°C to +250°C** and fire resistance tested up to **1,200°C**, it is designed for high-temperature, fire-rated applications.

Sizes & Installation

- Choose the correct Themis cleat by matching the cable outer diameter, installation method and required performance rating for the circuit.
- The CMP Themis cleat is available in **6 sizes**, accommodating cable diameters from **38mm to 109mm**, providing efficient coverage with fewer product variations.
- Each cleat features **two M10 or M12 clearance holes**, allowing installation with either M10 or M12 fasteners. The cleats are also **stackable** where required, offering a flexible and reliable cable management solution for demanding life safety and fire-rated installations.
- For best results, confirm availability and lead times when ordering, and request technical support for sizing and selection where required.

Key Features

- **316L stainless steel construction**
- **Fire-rated for critical cable retention**
- **Operating temperature: -60°C to +250°C**
- **Fire tested up to 1,200°C (fire, shock & water)**
- **Suitable for 38mm – 97mm cable diameters**
- **Twin arc design for superior retention**
- **Stackable for flexible installation**
- **Excellent axial and lateral load performance**

Technical Specifications

- **Type:** 6.1.1 Metallic 2BCHT – Two Bolt High Temperature Cable Cleat
- **Standard:** IEC 61914
- **Operating Temperature:** -60°C to +250°C
- **Fire Performance:** BS5839 / BS8491 / EN50200 / BS8434 / AS-NZS 3013 (up to 1,200°C)
- **Needle Flame Test:** Pass (120 seconds) – IEC 60695-11-5
- **Lateral Load:** 25kN (IEC 61914)
- **Axial Load:** 5kN (IEC 61914)
- **Impact Resistance:** Very Heavy (IEC 61914)
- **Material:** 316L Stainless Steel
- **Colour:** Silver / Grey
- **UL Certification:** E490770-20180430
- **Standards Compliance:** UL 2239, CSA C22.2 No. 18.4-15

For short circuit ratings, please [contact Cleveland Cable Company for support](#). For projects requiring high-temperature fire survivability, specify the required fire-rated performance and cable type at the ordering stage.

Short Circuit Testing to IEC 61914 - Clause 9.5

Multicore Formation		Parallel Formation			
One short-circuit 600 mm fixed cleat centres	Two short-circuit 600 mm fixed cleat centres	One short-circuit 600 mm fixed cleat centres 105 mm cable centres	Two short-circuits 600 mm fixed cleat centres 105 mm cable centres	One short-circuit 600 mm fixed cleat centres 105 mm cable centres	Two short-circuits 600 mm fixed cleat centres 105 mm cable centres
0.1 sec	0.1 sec	0.1 sec	0.1 sec	1 sec	1 sec
100 kA Peak	100 kA Peak	130 kA Peak	120 kA Peak	81 kA Peak	71 kA Peak
47.6 kA RMS	47.6 kA RMS	59.0 kA RMS	54.5 kA RMS	36.8 kA RMS	32.2 kA RMS

Additional Options

Optional anti-corrosion coatings are available:

- Epoxy (EC)
- Polyester (PC)
- Thermoplastic (TC)

Key Features

Standards

Construction

QA Lab

Cleveland Cable Test & Training Lab

Our state-of-the-art cable testing facility ensures that every cable meets the highest standards of quality and compliance through continuous, rigorous testing. Where applicable, cables are independently tested and certified by BASEC to ensure full compliance.



CPR

Cleveland Cable Company is committed to compliance with the Construction Products Regulation (CPR). Where applicable, all cables manufactured after 1st July 2017 have been assessed in accordance with CPR requirements, with full supporting documentation available.



Our Sustainability Commitment

We are committed to the journey to Net Zero as a business partner, an employer and a community member.

By thinking and acting sustainably, we deliver excellent customer service while reducing carbon emissions in collaboration with our customers and suppliers.



ecovadis

Cleveland Cable Company has been independently assessed by EcoVadis, a globally recognised provider of business sustainability ratings. Our score places us among the top 35% of companies evaluated worldwide, reflecting our strong commitment to environmental, social, and ethical performance

ecovadis

CMP Themis (2BCHT) Heavy Duty Fire Rated Cable Cleats (Two Bolt) - Dimensions

Reference
2BC0

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