

509 West Monroe Street
Highland, IL 62249
Phone: (618) 654-2184
Fax: (618) 654-5499



October 16, 2019

Subject: B-Line Conduit Trapeze Support CEC Compliance

The BCTS is one of the latest developments in conduit support products by Eaton's B-Line Business. It provides a lower total installed cost solution. Studies have shown a potential to see up to 75% parts reduction and 50% installation time reduction. This product provides versatility to support both 3/8" and 1/2" hanger rods or may be mounted directly to concrete decking.

This z-shaped bracket was designed to meet the highest standards required for conduit installations. The product is UL/cUL listed as a conduit hanger; most configurations exceed maximum load ratings defined by UL/cUL requirements. When installed according to the CEC 22.1-18, this product meets the requirements defined in section 12-1010. This section states rigid metal conduit must be securely attached to the hangers (B-Line BCTS) in spans no greater than those defined by section 12-1010, and only requires secure fastening in place within 1m of a termination point. Termination points include outlet boxes, junction boxes, cabinets, or fittings.

We interpret "securely attached to the hanger" and "secure fastening in place" differently. "Securely attached to the hanger" is assumed to mean the pipe is completely confined such that its travel is limited in the vertical and horizontal planes (perpendicular to the pipe). Whereas "secure fastening in place" means travel is limited in not only the vertical and horizontal planes, but also in the plane parallel to the pipe.

If you have any questions or concerns, feel free to contact us directly.

Sincerely,

A handwritten signature in black ink that reads "David Petry". The signature is written in a cursive style with a large, sweeping "D" and "P".

David Petry
Eaton
Engineering Manager