

Single Bolt Type (TCCLSF-Range)



Single Bolt LSF Type:

In all cable installations, an essential factor is to ensure that all cables are secured with the correct cleats for the cable, application, and environment. The TCCLSF series of cleats support and secure all cables in a single formation throughout the system during normal operation and during fault conditions that may occur. System integrity is maintained, and cable damage can be prevented.

The TCCLSF range of cleats comply with latest requirements to EN 61914:2016 & IEC 61914:2015. They are manufactured from low smoke zero halogen material with excellent resistant to ultraviolet light and adverse weather conditions. The cleats are designed to hold and retain all types of LSF/LSZH cables in a single formation.

The TCCLSF range of cable cleats are black colour and marked "BICC COMPONENTS – TCC0X (Item Code)" along with the cable diameter range (Ø XX-XX) accommodation covering diameters from 10.5mm to 51mm.

The short circuit ratings mentioned below are based on single core cable formation as per EN 61914:2016 & IEC 61914:2015 standards. Short circuit report for multicore cable is available upon request.

Test Standard: EN 61914:2016 & IEC 61914:2015

Description:	Clause:	Classification:	Description:	Clause:	Classification:
Type	6.1.2	Non-Metallic	Resistance to Short Circuit	6.4.4 – 1 short circuit	20kA RMS / 50kA Peak
Operating Temperature	6.2	-20°C to +60°C		6.4.5 – 2 short circuits	20kA RMS / 50kA Peak
Impact Resistance	6.3.4	Heavy	Ultraviolet Light	6.5.1.2	Resistant to Ultraviolet Light
Lateral Retention	6.4.2	0.2KN	Corrosion Resistant	6.5.2	Not Applicable
Axial Retention	6.4.3	0.1KN	Needle Flame	10.1	>120 secs
Cleat Spacing			Cleat type, spacing and suitability for horizontal or vertical installation is dependent on system fault level and cable diameter and weight. Therefore, these parameters must be adequately assessed by the end-user prior to order or installation of the cleats.		

Single Bolt Type (TCCLSF-Range)

Features:

- Low or Medium Voltage Single or Multi core Type Cables in a Single Formation.
- Cable Diameter Range from 10.5mm to 51mm.
- **Material:** Low Smoke Zero Halogen Compound – Black Colour
 - Tested in accordance with BS 60754-2:2014
- Suitable for Use With all Standard Ladder and Tray Systems.
- Operating Temperatures -20°C to +60°C.

Selection Table:

Item Code	Cable Diameters D (mm)		Cleat Dimensions (mm)				Hole Fixings
			B		A	C	
	Min.	Max.	Min.	Max.			
TCCLSF01	10.5	14.5	15.0	18.0	30.0	12.0	1 x M4
TCCLSF02	12.2	16.7	17.0	22.0	34.0	14.0	1 x M4
TCCLSF03	14.6	19.8	21.0	26.0	40.5	16.0	1 x M4
TCCLSF04	17.7	24.0	25.0	31.0	48.5	18.0	1 x M4
TCCLSF05	21.7	28.5	30.0	37.0	54.0	20.0	1 x M6
TCCLSF06	26.2	34.2	35.0	43.0	61.0	22.0	1 x M6
TCCLSF07	31.9	41.6	42.0	52.0	71.5	24.0	1 x M6
TCCLSF08	39.3	51.0	50.0	62.0	87.0	26.0	1 x M6

Disclaimer: The dimension provided are for guidance and given in good faith, however BICC Components reserve the right to change these without prior notification.

