

CENTAUR INTERMEDIATE TREFOIL STRAP

- DESIGNED TO RESTRAIN CABLES DURING A SHORT CIRCUIT FAULT AND MAINTAIN PHASE SPACING UNDER NORMAL OPERATING CONDITIONS
- MANUFACTURED IN 6000 SERIES ALUMINIUM
- TYPICAL SIZES RANGE FROM $\phi 184$ - $\phi 122$ MM HOWEVER SPECIALS CAN BE PROVIDED ON REQUEST
- STANDARD SIZES $\phi 84$ - $\phi 100$ MM 270MM CENTRES (7596) & $\phi 100$ - $\phi 122$ MM 360MM CENTRES (7594)
- SHORT CIRCUIT TESTED BASED ON IEC 61914



This data sheet is subject to change without notice. The information provided has been generated in laboratory conditions, as such results in use may vary.

TESTING SUMMARY

Centaur Trefoil Intermediate Straps have been tested in line with the International Standard 'Cable Cleats for Electrical Installations'. As IEC 61914 is part of the low voltage directive it is not possible to follow the standard exactly and thus deviations have been made in areas. Typical results are detailed below, please note that these testing values are maximums and safety factors appropriate to your application should be used:

PROPERTY	CLASSIFICATION CLAUSE IEC 61914	UNITS / CLASSIFICATION	TEST DATA
CLEAT TYPE	6.1.3	COMPOSITE	-
TEMP. FOR PERMANENT APPLICATION	6.2	°C	-40 - 60
UV RESISTANCE	6.5.1.2	UV RESISTANT	METALLIC FRAME SHIELDS ALL POLYMER COMPONENTS.
CORROSION RESISTANCE	6.5.2.2	REFER TO ELLIS	-
IMPACT RATING	6.3.5	VERY HEAVY	PASS
FLAME PROPAGATION TEST	10.0, 10.1	APPLICATION TIME $\geq 30s$	PASS
AXIAL LOAD RATING	6.4.3, 9.4	NEWTONS (N)	REFER TO ELLIS
LATERAL LOAD RATING	6.4.2, 9.3	NEWTONS (N)	REFER TO ELLIS
RESISTANCE TO ELECTROMECHANICAL FORCE (SHORT CIRCUIT TESTING)	6.4, 6.4.4, 9.5	227kA (REPORT No. 2024.10.35.0745) CABLE = $\varnothing 58mm$ 270MM PHASE SPACING @1.2M SPACING CALCULATED FORCE 39,420N	

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