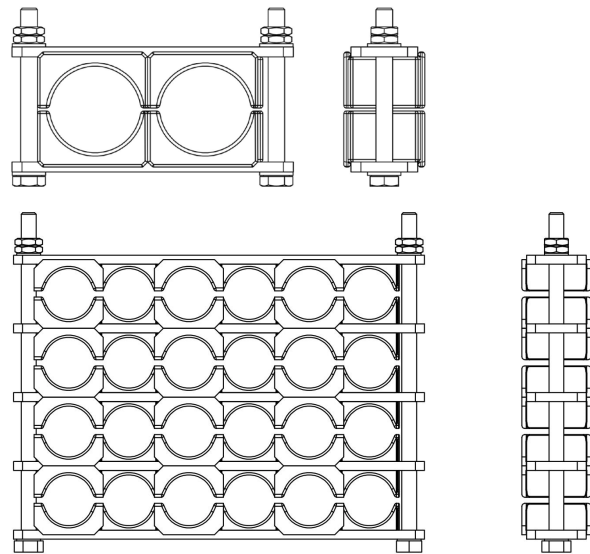


- CLEAT DESIGN ALLOWS FOR MULTIPLE CABLES TO BE ASSEMBLED IN A MATRIX STYLE WITHIN ONE CLEAT
- GALVANISED STEEL FRAME AND FIXINGS
- SOFT LSF POLYMERIC PADS PROTECT CABLE SHEATH
- SHORT CIRCUIT AND MECHANICALLY TESTED TO IEC 61914
- FOR FRAME CONFIGURATION DETAILS CONTACT ELLIS



## TESTING SUMMARY

Matrix has been tested in line with the International Standard 'Cable Cleats for Electrical Installations' IEC 61914:2015. 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<br>CLAUSE IEC 61914 | UNITS /<br>CLASSIFICATION   | TEST DATA   |
|---|------------------------------------|---|---|
| CLEAT TYPE  | 6.1.3                              | COMPOSITE   | -   |
| TEMP. FOR PERMANENT<br>APPLICATION                                  | 6.2                                | °C  | -40 - 60  |
| UV RESISTANCE   | 6.5.1.2                            | 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<br>ELECTROMECHANICAL FORCE<br>(SHORT CIRCUIT TESTING) | 6.4, 6.4.4, 9.5                    | CLEATS AT 300MM<br>INTERVALS<br>(WITHSTANDING MORE THAN ONE<br>SHORT CIRCUIT) | 91.3kA (REPORT No.<br>PDL-18.071.2)<br>PHASE SPACING = $\varnothing 45mm$<br>(MC-4x1-037-G) |

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.