

Sirius Cleat

379 series



The 379 series should be used when you need the best level of protection in the harshest environments under the highest fault conditions.

Features and Benefits

- Suitable for use with cable diameters 23 to 128mm.
- Single or double bolt fixing.
- Operating temperatures -40°C to +120°C.
- Ergonomic design allows easy installation with single tool tightening from the top side.
- Manufactured from non-magnetic, corrosion resistant 316L stainless steel.
- Liners are made from LSOH materials.
- Suitable for single core cables laid in trefoil formation with high fault current requirements.
- Suitable for standard and LSOH sheaths.
- Can be used in harsh environments.
- Can be used with all standard ladder and tray systems.

Performance data

| | Clause | Classification |
|-----------------------|--------|-----------------|
| Type | 6.1.3 | Composite |
| Operating Temperature | 6.2 | -40°C to +120°C |
| Impact Resistance | 6.3 | V. Heavy |
| Needle Flame | 10.1 | >120secs |

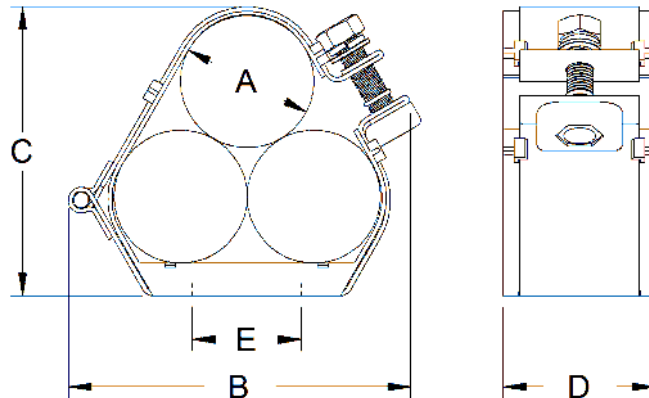
| | Clause | Classification |
|-----------------------------|-------------------------|--|
| Resistance to short circuit | 6.4.3 (1 short circuit) | 80kA rms, 175kA peak, $\phi=36\text{mm}$, Spacing = 300mm |
| | 6.4.4 (2 short circuit) | 67.5kA rms, 146kA peak, $\phi=36\text{mm}$, Spacing = 300mm |
| Corrosion | 6.5.2 | High, Outdoor - wet conditions |

Technical Data

| Cleat Selection | | | Cleat Details | | | | |
|-----------------|----------------|-----|-----------------|---------|----|------------------|------------|
| Design number | Cable Diameter | | Dimensions (mm) | | | | |
| | A (mm) | | B | C (Max) | D | E | Weight (g) |
| | Min | Max | | | | | |
| 379TC01 | 23 | 28 | 86 | 71 | 60 | Centre hole only | 500 |
| 379TC02 | 27 | 32 | 92 | 78 | 60 | 25 | 531 |
| 379TC03 | 30 | 35 | 98 | 84 | 60 | 25 | 558 |
| 379TC04 | 33 | 38 | 102 | 90 | 60 | 25 | 585 |
| 379TC05 | 36 | 42 | 108 | 97 | 60 | 25 | 624 |
| 379TC06 | 40 | 46 | 115 | 105 | 60 | 25 | 657 |
| 379TC07 | 44 | 50 | 120 | 112 | 60 | 25 | 693 |
| 379TC08 | 48 | 55 | 129 | 121 | 60 | 50 | 734 |
| 379TC09 | 51 | 58 | 133 | 127 | 60 | 50 | 764 |
| 379TC10 | 55 | 62 | 140 | 134 | 60 | 50 | 795 |
| 379TC11 | 59 | 66 | 145 | 142 | 60 | 50 | 831 |
| 379TC12 | 63 | 70 | 150 | 150 | 60 | 50 | 869 |
| 379TC13 | 67 | 74 | 157 | 157 | 60 | 75 | 905 |
| 379TC14 | 71 | 78 | 164 | 164 | 60 | 75 | 939 |
| 379TC15 | 74 | 82 | 172 | 172 | 60 | 75 | 975 |
| 379TC16 | 77 | 85 | 178 | 178 | 60 | 75 | 1010 |
| 379TC17 | 82 | 88 | 184 | 184 | 60 | 100 | 1046 |
| 379TC18 | 88 | 96 | 200 | 198 | 60 | 100 | 1081 |
| 379TC19 | 96 | 103 | 214 | 210 | 60 | 100 | 1117 |
| 379TC20 | 103 | 111 | 230 | 225 | 60 | 125 | 1152 |
| 379TC21 | 111 | 119 | 245 | 240 | 60 | 125 | 1188 |
| 379TC22 | 119 | 128 | 264 | 257 | 60 | 150 | 1223 |

* Technical information subject to change without notice

All cleats have a single central fixing hole for a 12mm diameter fixing bolt. Styles 02 to 22 can be also fixed with 2 x 10mm bolts – the 10mm clearance holes are positioned either side of the central hole with centres as per dimension E.



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