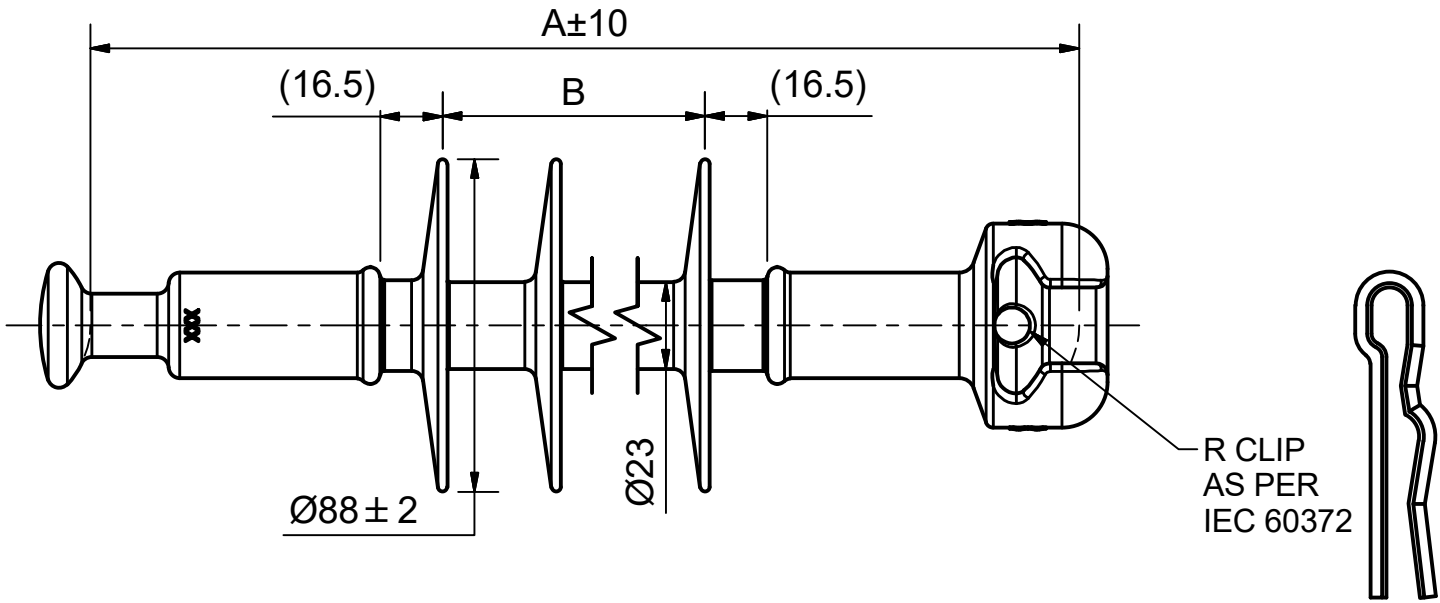


| REVISIONS |     |                 |       |     |      |
|-----------|-----|-----------------|-------|-----|------|
| P         | LTR | DESCRIPTION     | DATE  | DWN | APVD |
|           | A   | ORIGINAL ISSUED | 03/19 | GR  | PK   |



**MATERIAL:**

- 1. CORE : ECR FIBERGLASS REINFORCED POLYMER
- 2. HOUSING : SILICONE RUBBER
- 3. END FITTINGS : BALL CONFORMS TO IEC 120-16  
SOCKET CONFORMS TO IEC 120-16A
- 4. R CLIP : STAINLESS STEEL 304
- 5. TEST STANDARDS : IEC 61109 & IEC 62217

**MECHANICAL PROPERTIES:**

- 1. SPECIFIED MECHANICAL LOAD (SML) : 70 kN
- 2. ROUTINE TENSILE LOAD (RTL) : 35 kN

**PRODUCT MARKING:**

- 1. TE LOGO
- 2. SML 70kN
- 3. YEAR & MONTH
- 4. BATCH NO #

| TCPN       | DESCRIPTION            | NO. OF SHED (#) | NOMINAL CREEPAGE (mm) | NOMINAL DRY ARCING (mm) | DRY AC WITHSTAND (kV) | WET AC WITHSTAND (kV) | DRY AC FLASHOVER (kV) | WET AC FLASHOVER (kV) | LIGHTNING IMPULSE WITHSTAND (kV) | LIGHTNING IMPULSE FLASHOVER (kV) | A (mm) | B (mm) | APPROX. WEIGHT (Kg) |
|------------|------------------------|-----------------|-----------------------|-------------------------|-----------------------|-----------------------|-----------------------|-----------------------|----------------------------------|----------------------------------|--------|--------|---------------------|
| EN9541-000 | CS-70-BS-100-0265-M-01 | 3               | 265                   | 125                     | 60                    | 45                    | 75                    | 60                    | 100                              | 115                              | 252    | 60     | 1.00                |
| EN9542-000 | CS-70-BS-115-0355-M-01 | 4               | 355                   | 155                     | 70                    | 55                    | 86                    | 70                    | 115                              | 130                              | 282    | 90     | 1.05                |
| EN9543-000 | CS-70-BS-130-0445-M-01 | 5               | 445                   | 185                     | 85                    | 65                    | 95                    | 80                    | 130                              | 145                              | 312    | 120    | 1.10                |
| EN9544-000 | CS-70-BS-145-0535-M-01 | 6               | 535                   | 215                     | 90                    | 70                    | 105                   | 85                    | 145                              | 160                              | 342    | 150    | 1.15                |
| EN9545-000 | CS-70-BS-165-0625-M-01 | 7               | 625                   | 245                     | 100                   | 80                    | 115                   | 100                   | 165                              | 175                              | 372    | 180    | 1.20                |
| EN9546-000 | CS-70-BS-180-0715-M-01 | 8               | 715                   | 275                     | 115                   | 90                    | 125                   | 105                   | 180                              | 195                              | 402    | 210    | 1.25                |
| EN9547-000 | CS-70-BS-200-0805-M-01 | 9               | 805                   | 305                     | 125                   | 100                   | 135                   | 115                   | 200                              | 210                              | 432    | 240    | 1.30                |
| EN9548-000 | CS-70-BS-215-0895-M-01 | 10              | 895                   | 335                     | 135                   | 110                   | 145                   | 125                   | 215                              | 225                              | 462    | 270    | 1.35                |
| EN9549-000 | CS-70-BS-230-0985-M-01 | 11              | 985                   | 365                     | 145                   | 120                   | 155                   | 135                   | 230                              | 240                              | 492    | 300    | 1.40                |
| EN9550-000 | CS-70-BS-245-1075-M-01 | 12              | 1075                  | 395                     | 155                   | 130                   | 165                   | 145                   | 245                              | 255                              | 522    | 330    | 1.45                |
| EN9551-000 | CS-70-BS-260-1165-M-01 | 13              | 1165                  | 425                     | 165                   | 140                   | 175                   | 155                   | 260                              | 275                              | 552    | 360    | 1.50                |
| EN9552-000 | CS-70-BS-275-1255-M-01 | 14              | 1255                  | 455                     | 175                   | 145                   | 185                   | 165                   | 275                              | 290                              | 582    | 390    | 1.55                |
| EN9553-000 | CS-70-BS-290-1345-M-01 | 15              | 1345                  | 485                     | 185                   | 155                   | 195                   | 175                   | 290                              | 305                              | 612    | 420    | 1.60                |
| EN9554-000 | CS-70-BS-310-1435-M-01 | 16              | 1435                  | 515                     | 195                   | 165                   | 205                   | 180                   | 310                              | 320                              | 642    | 450    | 1.65                |
| EN9555-000 | CS-70-BS-325-1525-M-01 | 17              | 1525                  | 545                     | 205                   | 175                   | 215                   | 190                   | 325                              | 335                              | 672    | 480    | 1.70                |
| EN9556-000 | CS-70-BS-340-1615-M-01 | 18              | 1615                  | 575                     | 215                   | 185                   | 225                   | 200                   | 340                              | 350                              | 702    | 510    | 1.75                |
| EN9557-000 | CS-70-BS-355-1705-M-01 | 19              | 1705                  | 605                     | 225                   | 195                   | 235                   | 210                   | 355                              | 365                              | 732    | 540    | 1.80                |
| EN9558-000 | CS-70-BS-370-1795-M-01 | 20              | 1795                  | 635                     | 235                   | 200                   | 245                   | 220                   | 370                              | 385                              | 762    | 570    | 1.85                |
| EN9559-000 | CS-70-BS-390-1885-M-01 | 21              | 1885                  | 665                     | 245                   | 210                   | 255                   | 230                   | 390                              | 400                              | 792    | 600    | 1.90                |
| EN9560-000 | CS-70-BS-405-1975-M-01 | 22              | 1975                  | 695                     | 255                   | 220                   | 265                   | 240                   | 405                              | 415                              | 822    | 630    | 1.95                |
| EN9561-000 | CS-70-BS-420-2065-M-01 | 23              | 2065                  | 725                     | 265                   | 230                   | 275                   | 250                   | 420                              | 430                              | 852    | 660    | 2.00                |
| EN9562-000 | CS-70-BS-435-2155-M-01 | 24              | 2155                  | 755                     | 280                   | 240                   | 285                   | 260                   | 435                              | 445                              | 882    | 690    | 2.05                |
| EN9563-000 | CS-70-BS-450-2245-M-01 | 25              | 2245                  | 785                     | 290                   | 250                   | 295                   | 270                   | 450                              | 460                              | 912    | 720    | 2.10                |
| EN9564-000 | CS-70-BS-470-2335-M-01 | 26              | 2335                  | 815                     | 300                   | 260                   | 305                   | 275                   | 470                              | 475                              | 942    | 750    | 2.15                |
| EN9565-000 | CS-70-BS-485-2425-M-01 | 27              | 2425                  | 845                     | 310                   | 265                   | 315                   | 285                   | 485                              | 490                              | 972    | 780    | 2.20                |

NOTES:  
UNSPECIFIED TOLERANCE  
1) ±(0.04 x d + 1.5)mm WHEN d ≤ 300mm  
2) ±(0.025 x d + 6)mm WHEN d > 300mm  
WITH MAX. TOLERANCE OF ±50mm

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:  
mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:  
0 PL ±  
1 PL ±  
2 PL ±  
3 PL ±  
4 PL ±  
ANGLES ±

MATERIAL  
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FINISH  
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DWN  
GHANSHYAM  
18-03-2019

CHK  
RAJESH  
18-03-2019

APVD  
P KIRUSHNARAJ  
18-03-2019

PRODUCT SPEC  
--

APPLICATION SPEC  
--

WEIGHT  
--

CUSTOMER DRAWING

TE Connectivity

NAME  
HIGH CREEP TENSION DISTRIBUTION INSULATOR-B&S  
--

SIZE  
A3

CAGE CODE  
00779

DRAWING NO  
C- INS1549

RESTRICTED TO  
--

SCALE  
NTS

SHEET  
1 OF 1

REV  
A

1470-19 (3/11)