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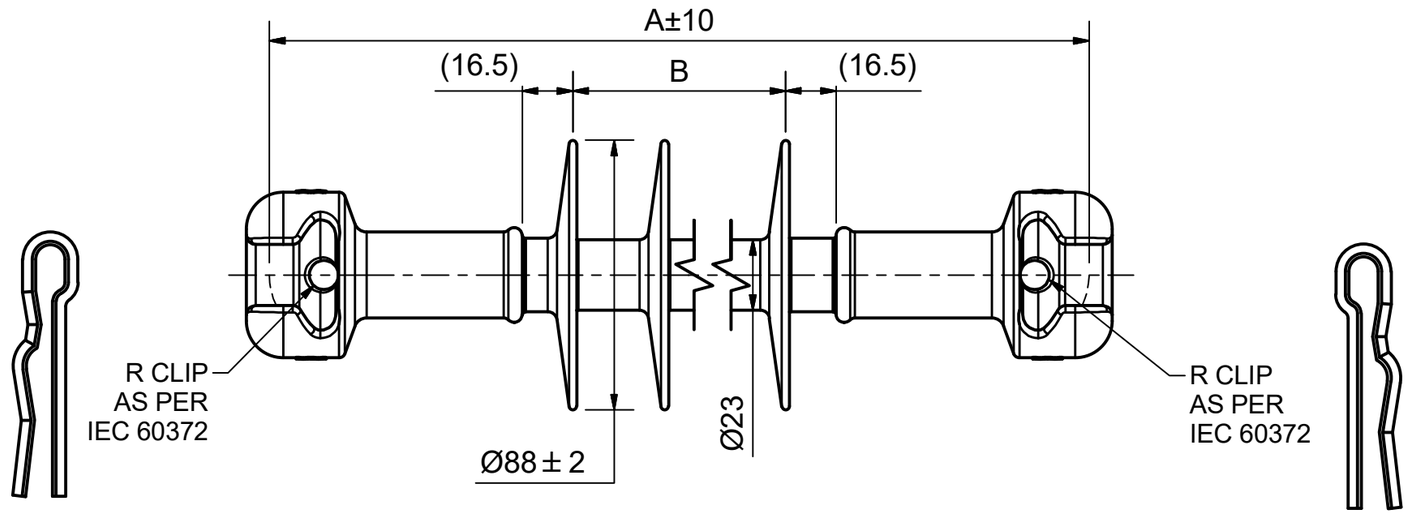
| REVISIONS | | | | | |
|---|---|---|---|---|---|
| P | LTR | DESCRIPTION | DATE | DWN | APVD |
| | A | ORIGINAL ISSUED | 05/19 | GR | PK |




MATERIAL:
1. CORE : ECR FIBERGLASS REINFORCED POLYMER
2. HOUSING : SILICONE RUBBER
3. END FITTINGS : SOCKET CONFORMS TO IEC 120-16A
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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EN9616-000 | CS-70-SS-100-0265-M-01 | 3 | 265 | 125 | 60 | 45 | 75 | 60 | 100 | 115 | 258 | 60 | 1.25 |
| EN9617-000 | CS-70-SS-115-0355-M-01 | 4 | 355 | 155 | 70 | 55 | 86 | 70 | 115 | 130 | 288 | 90 | 1.30 |
| EN9618-000 | CS-70-SS-130-0445-M-01 | 5 | 445 | 185 | 85 | 65 | 95 | 80 | 130 | 145 | 318 | 120 | 1.35 |
| EN9619-000 | CS-70-SS-145-0535-M-01 | 6 | 535 | 215 | 90 | 70 | 105 | 85 | 145 | 160 | 348 | 150 | 1.40 |
| EN9620-000 | CS-70-SS-165-0625-M-01 | 7 | 625 | 245 | 100 | 80 | 115 | 100 | 165 | 175 | 378 | 180 | 1.45 |
| EN9621-000 | CS-70-SS-180-0715-M-01 | 8 | 715 | 275 | 115 | 90 | 125 | 105 | 180 | 195 | 408 | 210 | 1.50 |
| EN9622-000 | CS-70-SS-200-0805-M-01 | 9 | 805 | 305 | 125 | 100 | 135 | 115 | 200 | 210 | 438 | 240 | 1.55 |
| EN9623-000 | CS-70-SS-215-0895-M-01 | 10 | 895 | 335 | 135 | 110 | 145 | 125 | 215 | 225 | 468 | 270 | 1.60 |
| EN9624-000 | CS-70-SS-230-0985-M-01 | 11 | 985 | 365 | 145 | 120 | 155 | 135 | 230 | 240 | 498 | 300 | 1.65 |
| EN9625-000 | CS-70-SS-245-1075-M-01 | 12 | 1075 | 395 | 155 | 130 | 165 | 145 | 245 | 255 | 528 | 330 | 1.70 |
| EN9626-000 | CS-70-SS-260-1165-M-01 | 13 | 1165 | 425 | 165 | 140 | 175 | 155 | 260 | 275 | 558 | 360 | 1.75 |
| EN9627-000 | CS-70-SS-275-1255-M-01 | 14 | 1255 | 455 | 175 | 145 | 185 | 165 | 275 | 290 | 588 | 390 | 1.80 |
| EN9628-000 | CS-70-SS-290-1345-M-01 | 15 | 1345 | 485 | 185 | 155 | 195 | 175 | 290 | 305 | 618 | 420 | 1.85 |
| EN9629-000 | CS-70-SS-310-1435-M-01 | 16 | 1435 | 515 | 195 | 165 | 205 | 180 | 310 | 320 | 648 | 450 | 1.90 |
| EN9630-000 | CS-70-SS-325-1525-M-01 | 17 | 1525 | 545 | 205 | 175 | 215 | 190 | 325 | 335 | 678 | 480 | 1.95 |
| EN9631-000 | CS-70-SS-340-1615-M-01 | 18 | 1615 | 575 | 215 | 185 | 225 | 200 | 340 | 350 | 708 | 510 | 2.00 |
| EN9632-000 | CS-70-SS-355-1705-M-01 | 19 | 1705 | 605 | 225 | 195 | 235 | 210 | 355 | 365 | 738 | 540 | 2.05 |
| EN9633-000 | CS-70-SS-370-1795-M-01 | 20 | 1795 | 635 | 235 | 200 | 245 | 220 | 370 | 385 | 768 | 570 | 2.10 |
| EN9634-000 | CS-70-SS-390-1885-M-01 | 21 | 1885 | 665 | 245 | 210 | 255 | 230 | 390 | 400 | 798 | 600 | 2.15 |
| EN9635-000 | CS-70-SS-405-1975-M-01 | 22 | 1975 | 695 | 255 | 220 | 265 | 240 | 405 | 415 | 828 | 630 | 2.20 |
| EN9636-000 | CS-70-SS-420-2065-M-01 | 23 | 2065 | 725 | 265 | 230 | 275 | 250 | 420 | 430 | 858 | 660 | 2.25 |
| EN9637-000 | CS-70-SS-435-2155-M-01 | 24 | 2155 | 755 | 280 | 240 | 285 | 260 | 435 | 445 | 888 | 690 | 2.30 |
| EN9638-000 | CS-70-SS-450-2245-M-01 | 25 | 2245 | 785 | 290 | 250 | 295 | 270 | 450 | 460 | 918 | 720 | 2.35 |
| EN9639-000 | CS-70-SS-470-2335-M-01 | 26 | 2335 | 815 | 300 | 260 | 305 | 275 | 470 | 475 | 948 | 750 | 2.40 |
| EN9640-000 | CS-70-SS-485-2425-M-01 | 27 | 2425 | 845 | 310 | 265 | 315 | 285 | 485 | 490 | 978 | 780 | 2.45 |

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 --

FINISH --

DWN GHANSHYAM 02-05-2019
CHK RAJESH 02-05-2019
APVD P KIRUSHNARAJ 02-05-2019
PRODUCT SPEC --
APPLICATION SPEC --
WEIGHT --

TE Connectivity

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

SIZE A3 | CAGE CODE 00779 | DRAWING NO INS1552 | RESTRICTED TO --

CUSTOMER DRAWING | SCALE NTS | SHEET 1 OF 1 | REV A

1470-19 (3/11)