



## Technical Specification

|                            |            |
|----------------------------|------------|
| Combined E&M Strength:     | 50000lb    |
| Tension proof test:        | 25000lb    |
| Leakage distance, Min:     | 381mm(15") |
| Mechanical impact strength | 90in-lb    |
| Low-freq. dry flashover:   | 80kV       |
| Low-freq. wet flashover:   | 50kV       |
| Critical impulse flashover |            |
| Positive:                  | 140kV      |
| Critical impulse flashover |            |
| Negative:                  | 140kV      |
| Low-Freq. Puncture:        | 125kV      |
| RIV low-freq. Test voltage |            |
| RMS to ground              | 10kV       |
| Max. RIV at 1000KHZ:       | 50μV       |

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|--------------------------|-----------------------------------|
| 1. Porcelain shed        | 2. Malleable cast iron socket cap |
| 3. Forged steel ball pin | 4. Portland cement                |
| 5. Lincrusta cushion     | 6. Stainless steel clip           |

|  |         |                   |
|--|---------|-------------------|
| ANSI 52-11                             |         | <b>NP11549</b>    |
| <b>E&amp;M STRENGTH: 50000lb</b>       |         |                   |
| DISC PORCELAIN SUSPENSION<br>INSULATOR | WEIGHT  | UNIT              |
|  | 10.8 KG | MM/INCH           |
| <b>ASSEMBLY DRAWING</b>                |         | <b>Newell-PSN</b> |