| DC spark-over voltage ${ }^{1)}$ | $\begin{gathered} 250 \\ \pm 20 \end{gathered}$ | $\begin{aligned} & \mathrm{V} \\ & \% \end{aligned}$ |
| :---: | :---: | :---: |
| Impulse spark-over voltage <br> at $100 \mathrm{~V} / \mathrm{\mu s} \quad$ - for $99 \%$ of measured values <br> - typical values of distribution <br> at $1 \mathrm{kV} / \mathrm{us} \quad-$ for $99 \%$ of measured values <br> - typical values of distribution | $\begin{aligned} & <550 \\ & <500 \\ & <700 \\ & <650 \end{aligned}$ | $\begin{aligned} & \mathrm{V} \\ & \mathrm{~V} \\ & \mathrm{~V} \\ & \mathrm{~V} \end{aligned}$ |
| Nominal impulse discharge current (wave $8 / 20 \mu \mathrm{~s}$ ) <br> Single impulse discharge current (wave $8 / 20 \mu \mathrm{~s}$ ) | $\begin{aligned} & 20 \\ & 25 \end{aligned}$ | $\begin{aligned} & \hline \mathrm{kA} \\ & \mathrm{kA} \end{aligned}$ |
| Nominal alternating discharge current ( $50 \mathrm{~Hz}, 1 \mathrm{~s}$ ) Alternating discharge current ( $50 \mathrm{~Hz}, 9$ cycles) | $\begin{aligned} & 10 \\ & 100 \end{aligned}$ | $\begin{aligned} & \mathrm{A} \\ & \mathrm{~A} \end{aligned}$ |
| Insulation resistance at $100 \mathrm{~V}_{\text {dc }}$ | > 10 | G $\Omega$ |
| Capacitance at 1 MHz | < 1.5 | pF |
| Arc voltage at 1 A Glow to arc transition current Glow voltage | $\begin{aligned} & \sim 15 \\ & \sim 0.5 \\ & \sim 60 \end{aligned}$ | $\begin{aligned} & \mathrm{V} \\ & \mathrm{~A} \\ & \mathrm{~V} \end{aligned}$ |
| Weight | ~ 1.5 | g |
| Operation and storage temperature | -40 ... +90 | ${ }^{\circ} \mathrm{C}$ |
| Climatic category (IEC 60068-1) | 40/90/ 21 |  |
| Marking, blue | E PCOS 250 YY O  <br> 250 - Nominal voltage <br> YY - Year of production <br> O - Non radioactive |  |

[^0]
## Surge Arrester



Not to scale
Dimensions in mm
Non controlled document
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[^0]:    a) $\mathrm{xxxx}=\mathrm{S} 102$ (100 pcs on 5 taped stripes)
    = T502 (500 pcs on tape and reel)

    1) At delivery AQL 0.65 level II, DIN ISO 2859

    Terms in accordance with ITU-T Rec. K. 12 and DIN 57845/VDE0845

