

● 80A, 80AL Series

| Part No. | Nominal dc spark-over voltage | Gas Discharge Tube dc spark-over voltage | Impulse spark-over voltage at 1kV/ $\mu$ s | Nominal impulse discharge current 8/20 $\mu$ s | Nominal impulse discharge current 10/1000 $\mu$ s | Nominal Alternating discharge current at 50Hz, 1s | Insulation resistance |                                 | Capacitance at 1kHz |
|----------|-------------------------------|------------------------------------------|--------------------------------------------|------------------------------------------------|---------------------------------------------------|---------------------------------------------------|-----------------------|---------------------------------|---------------------|
|          | V <sub>sd</sub><br>(V)        | V <sub>sd</sub><br>(V)                   | V <sub>si</sub><br>(V)                     | i <sub>di</sub><br>(kA)                        | i <sub>di</sub><br>(A)                            | i <sub>da</sub><br>(A)                            | V<br>(V)              | R <sub>is</sub><br>( $\Omega$ ) | C<br>(pF)           |
| 80A75/L  | 75                            | 60~90                                    | $\leq 700$                                 | 10                                             | 100                                               | 10                                                | 50                    | $\geq 10^9$                     | $\leq 2$            |
| 80A90/L  | 90                            | 72~108                                   | $\leq 700$                                 |                                                |                                                   |                                                   | 50                    |                                 |                     |
| 80A150/L | 150                           | 120~180                                  | $\leq 700$                                 |                                                |                                                   |                                                   | 50                    |                                 |                     |
| 80A230/L | 230                           | 184~276                                  | $\leq 800$                                 |                                                |                                                   |                                                   | 100                   |                                 |                     |
| 80A250/L | 250                           | 200~300                                  | $\leq 800$                                 |                                                |                                                   |                                                   | 100                   |                                 |                     |
| 80A300/L | 300                           | 240~360                                  | $\leq 800$                                 |                                                |                                                   |                                                   | 100                   |                                 |                     |
| 80A350/L | 350                           | 280~420                                  | $\leq 900$                                 |                                                |                                                   |                                                   | 100                   |                                 |                     |
| 80A400/L | 400                           | 320~480                                  | $\leq 1000$                                |                                                |                                                   |                                                   | 100                   |                                 |                     |
| 80A420/L | 420                           | 336~504                                  | $\leq 1100$                                |                                                |                                                   |                                                   | 100                   |                                 |                     |
| 80A470/L | 470                           | 376~564                                  | $\leq 1100$                                |                                                |                                                   |                                                   | 100                   |                                 |                     |
| 80A600/L | 600                           | 480~720                                  | $\leq 1500$                                |                                                |                                                   |                                                   | 150                   |                                 |                     |
| 80A700/L | 700                           | 560~840                                  | $\leq 1500$                                |                                                |                                                   |                                                   | 250                   |                                 |                     |
| 80A800/L | 800                           | 640~960                                  | $\leq 1500$                                |                                                |                                                   |                                                   | 250                   |                                 |                     |
| 80A900/L | 900                           | 720~1080                                 | $\leq 1500$                                |                                                |                                                   |                                                   | 250                   |                                 |                     |