

Table of ratings for 'S' range 7.2 - 36kV to DIN dimensions

| Part Number   | Voltage Rating | Current Rating | Breaking Capacity | Minimum Breaking Current | Cold resistance and watts loss in free air at rated current |     | Joule Integral (I <sup>2</sup> t) |                        | Length | Diameter Ø | Weight |
|---------------|----------------|----------------|-------------------|--------------------------|-------------------------------------------------------------|-----|-----------------------------------|------------------------|--------|------------|--------|
|               | U <sub>n</sub> | I <sub>n</sub> | I <sub>1</sub>    | I <sub>3</sub>           |                                                             |     | A <sup>2</sup> s                  |                        | mm     | mm         | kg     |
|               | kV             | A              | kA                | A                        | m Ω                                                         | W   | Minimum Pre-Arcing                | Maximum Total Clearing |        |            |        |
| 7.2SDLSJ6.3   | 7.2            | 6.3            | 40                | 20                       | 205                                                         | 11  | 4.8X10 <sup>1</sup>               | 6.5X10 <sup>2</sup>    | 292    | 50.8       | 1.63   |
| 7.2SDLSJ10    | 7.2            | 10             | 40                | 31                       | 99.7                                                        | 19  | 2.5X10 <sup>2</sup>               | 2.7X10 <sup>3</sup>    | 292    | 50.8       | 1.63   |
| 7.2SDLSJ16    | 7.2            | 16             | 40                | 49                       | 65.1                                                        | 23  | 5.5X10 <sup>2</sup>               | 8.2X10 <sup>3</sup>    | 292    | 50.8       | 1.63   |
| 7.2SDLSJ20    | 7.2            | 20             | 40                | 49                       | 48.9                                                        | 27  | 9.7X10 <sup>2</sup>               | 1.1X10 <sup>4</sup>    | 292    | 50.8       | 1.63   |
| 7.2SDLSJ25    | 7.2            | 25             | 40                | 80                       | 32.6                                                        | 28  | 5.7X10 <sup>2</sup>               | 8.0X10 <sup>3</sup>    | 292    | 50.8       | 1.63   |
| 7.2SDLSJ31.5  | 7.2            | 31.5           | 40                | 100                      | 26.0                                                        | 36  | 8.9X10 <sup>2</sup>               | 1.0X10 <sup>4</sup>    | 292    | 50.8       | 1.63   |
| 7.2SDLSJ40    | 7.2            | 40             | 40                | 114                      | 16.0                                                        | 36  | 2.0X10 <sup>2</sup>               | 2.2X10 <sup>4</sup>    | 292    | 50.8       | 1.63   |
| 7.2SDLSJ50    | 7.2            | 50             | 40                | 143                      | 12.9                                                        | 46  | 3.2X10 <sup>2</sup>               | 3.2X10 <sup>4</sup>    | 292    | 50.8       | 1.63   |
| 7.2SDLSJ63    | 7.2            | 63             | 40                | 180                      | 8.14                                                        | 45  | 8.0X10 <sup>2</sup>               | 7.5X10 <sup>4</sup>    | 292    | 50.8       | 1.63   |
| 7.2SFLSJ80    | 7.2            | 80             | 40                | 264                      | 6.01                                                        | 54  | 5.0X10 <sup>3</sup>               | 6.5X10 <sup>4</sup>    | 292    | 76.2       | 3.1    |
| 7.2SFLSJ100   | 7.2            | 100            | 40                | 338                      | 4.65                                                        | 64  | 9.1X10 <sup>3</sup>               | 1.1X10 <sup>5</sup>    | 292    | 76.2       | 3.1    |
| 7.2SFLSJ125   | 7.2            | 125            | 40                | 375                      | 3.60                                                        | 79  | 1.5X10 <sup>4</sup>               | 1.7X10 <sup>5</sup>    | 292    | 76.2       | 3.1    |
| 7.2SFLSJ160   | 7.2            | 160            | 40                | 525                      | 2.73                                                        | 97  | 3.0X10 <sup>4</sup>               | 3.1X10 <sup>5</sup>    | 292    | 76.2       | 3.1    |
| 12SDLSJ6.3    | 12             | 6.3            | 50                | 20                       | 285                                                         | 14  | 7.0X10 <sup>1</sup>               | 6.5X10 <sup>2</sup>    | 292    | 50.8       | 1.63   |
| 12SDLSJ10     | 12             | 10             | 50                | 28                       | 143                                                         | 18  | 3.1X10 <sup>2</sup>               | 2.7X10 <sup>3</sup>    | 292    | 50.8       | 1.63   |
| 12SDLSJ16     | 12             | 16             | 50                | 35                       | 81.4                                                        | 26  | 9.8X10 <sup>2</sup>               | 8.6X10 <sup>3</sup>    | 292    | 50.8       | 1.63   |
| 12SDLSJ20     | 12             | 20             | 50                | 72                       | 54.6                                                        | 28  | 5.7X10 <sup>2</sup>               | 5.1X10 <sup>3</sup>    | 292    | 50.8       | 1.63   |
| 12SDLSJ25     | 12             | 25             | 50                | 90                       | 43.7                                                        | 35  | 8.9X10 <sup>2</sup>               | 8.1X10 <sup>3</sup>    | 292    | 50.8       | 1.63   |
| 12SDLSJ31.5   | 12             | 31.5           | 50                | 90                       | 32.8                                                        | 43  | 1.6X10 <sup>3</sup>               | 1.5X10 <sup>4</sup>    | 292    | 50.8       | 1.63   |
| 12SDLSJ40     | 12             | 40             | 50                | 128                      | 21.6                                                        | 49  | 3.2X10 <sup>3</sup>               | 2.7X10 <sup>4</sup>    | 292    | 50.8       | 1.63   |
| 12SDLSJ50     | 12             | 50             | 50                | 196                      | 15.1                                                        | 59  | 1.3X10 <sup>3</sup>               | 3.2X10 <sup>4</sup>    | 292    | 50.8       | 1.63   |
| 12SDLSJ63     | 12             | 63             | 50                | 275                      | 12.1                                                        | 75  | 2.3X10 <sup>3</sup>               | 5.7X10 <sup>4</sup>    | 292    | 50.8       | 1.63   |
| 12SFLSJ50     | 12             | 50             | 50                | 160                      | 17.1                                                        | 61  | 5.2X10 <sup>3</sup>               | 4.1X10 <sup>4</sup>    | 292    | 76.2       | 3.1    |
| 12SFLSJ63     | 12             | 63             | 50                | 227                      | 12.1                                                        | 69  | 1.0X10 <sup>4</sup>               | 8.8X10 <sup>4</sup>    | 292    | 76.2       | 3.1    |
| 12SFLSJ80     | 12             | 80             | 50                | 256                      | 8.97                                                        | 88  | 1.9X10 <sup>4</sup>               | 1.5X10 <sup>5</sup>    | 292    | 76.2       | 3.1    |
| 12SFLSJ100    | 12             | 100            | 50                | 446                      | 5.61                                                        | 83  | 1.4X10 <sup>4</sup>               | 2.2X10 <sup>5</sup>    | 292    | 76.2       | 3.1    |
| 12SKLSJ125    | 12             | 125            | 50                | 870                      | 4.60                                                        | 115 | 2.8X10 <sup>4</sup>               | 2.3X10 <sup>5</sup>    | 292    | 76.2       | 3.1    |
| 12SXLEJ160    | 12             | 160            | 63                | 500                      | 4.30                                                        | 200 | 1.1X10 <sup>5</sup>               | 5.0X10 <sup>5</sup>    | 292    | 88         | 3.7    |
| 12SXLEJ200    | 12             | 200            | 63                | 610                      | 3.80                                                        | 330 | 1.5X10 <sup>5</sup>               | 6.5X10 <sup>5</sup>    | 292    | 88         | 3.7    |
| 15.5SFMSJ100  | 15.5           | 100            | 25                | 707                      | 8.23                                                        | 119 | 1.2X10 <sup>4</sup>               | 1.4X10 <sup>5</sup>    | 442    | 76.2       | 4.5    |
| 15.5SKMSJ125  | 15.5           | 125            | 25                | 990                      | 5.61                                                        | 126 | 2.4X10 <sup>4</sup>               | 2.2X10 <sup>5</sup>    | 442    | 76.2       | 4.5    |
| 17.5SDLSJ6.3  | 17.5           | 6.3            | 35.5              | 23                       | 313                                                         | 15  | 4.8X10 <sup>1</sup>               | 6.1X10 <sup>2</sup>    | 292    | 50.8       | 1.63   |
| 17.5SDLSJ10   | 17.5           | 10             | 35.5              | 19                       | 185                                                         | 23  | 2.8X10 <sup>2</sup>               | 4.0X10 <sup>3</sup>    | 292    | 50.8       | 1.63   |
| 17.5SDLSJ16   | 17.5           | 16             | 35.5              | 59                       | 104                                                         | 34  | 2.9X10 <sup>2</sup>               | 2.0X10 <sup>3</sup>    | 292    | 50.8       | 1.63   |
| 17.5SDLSJ20   | 17.5           | 20             | 35.5              | 80                       | 69.2                                                        | 38  | 5.7X10 <sup>2</sup>               | 4.4X10 <sup>3</sup>    | 292    | 50.8       | 1.63   |
| 17.5SDLSJ25   | 17.5           | 25             | 35.5              | 100                      | 55.4                                                        | 48  | 8.9X10 <sup>2</sup>               | 6.6X10 <sup>3</sup>    | 292    | 50.8       | 1.63   |
| 17.5SDLSJ31.5 | 17.5           | 31.5           | 35.5              | 118                      | 41.4                                                        | 58  | 5.1X10 <sup>2</sup>               | 1.1X10 <sup>4</sup>    | 292    | 50.8       | 1.63   |
| 17.5SDLSJ40   | 17.5           | 40             | 35.5              | 148                      | 31.1                                                        | 76  | 8.0X10 <sup>2</sup>               | 1.8X10 <sup>4</sup>    | 292    | 50.8       | 1.63   |
| 17.5SFLSJ31.5 | 17.5           | 31.5           | 35.5              | 118                      | 30.3                                                        | 37  | 2.6X10 <sup>3</sup>               | 1.9X10 <sup>4</sup>    | 292    | 76.2       | 3.1    |
| 17.5SFLSJ40   | 17.5           | 40             | 35.5              | 132                      | 21.9                                                        | 51  | 5.1X10 <sup>3</sup>               | 3.8X10 <sup>4</sup>    | 292    | 76.2       | 3.1    |
| 17.5SFLSJ50   | 17.5           | 50             | 35.5              | 225                      | 17.3                                                        | 62  | 8.1X10 <sup>3</sup>               | 6.0X10 <sup>4</sup>    | 292    | 76.2       | 3.1    |
| 17.5SDMSJ6.3  | 17.5           | 6.3            | 35.5              | 16                       | 509                                                         | 26  | 4.8X10 <sup>1</sup>               | 6.0X10 <sup>2</sup>    | 442    | 50.8       | 2.2    |
| 17.5SDMSJ10   | 17.5           | 10             | 35.5              | 27                       | 215                                                         | 28  | 3.1X10 <sup>2</sup>               | 3.8X10 <sup>3</sup>    | 442    | 50.8       | 2.2    |
| 17.5SDMSJ16   | 17.5           | 16             | 35.5              | 57                       | 112                                                         | 37  | 2.9X10 <sup>2</sup>               | 1.2X10 <sup>4</sup>    | 442    | 50.8       | 2.2    |
| 17.5SDMSJ20   | 17.5           | 20             | 35.5              | 80                       | 79.8                                                        | 38  | 5.7X10 <sup>2</sup>               | 6.7X10 <sup>3</sup>    | 442    | 50.8       | 2.2    |
| 17.5SDMSJ25   | 17.5           | 25             | 35.5              | 100                      | 63.8                                                        | 52  | 8.9X10 <sup>2</sup>               | 1.1X10 <sup>4</sup>    | 442    | 50.8       | 2.2    |
| 17.5SDMSJ31.5 | 17.5           | 31.5           | 35.5              | 100                      | 47.9                                                        | 61  | 1.6X10 <sup>3</sup>               | 2.0X10 <sup>4</sup>    | 442    | 50.8       | 2.2    |
| 17.5SDMSJ40   | 17.5           | 40             | 35.5              | 143                      | 31.6                                                        | 66  | 3.2X10 <sup>3</sup>               | 3.6X10 <sup>4</sup>    | 442    | 50.8       | 2.2    |
| 17.5SFMSJ50   | 17.5           | 50             | 35                | 180                      | 25.0                                                        | 88  | 5.2X10 <sup>3</sup>               | 5.5X10 <sup>4</sup>    | 442    | 76.2       | 4.5    |
| 17.5SFMSJ63   | 17.5           | 63             | 35                | 240                      | 17.8                                                        | 102 | 1.0X10 <sup>4</sup>               | 1.2X10 <sup>5</sup>    | 442    | 76.2       | 4.5    |
| 17.5SFMSJ80   | 17.5           | 80             | 35                | 270                      | 13.1                                                        | 128 | 1.9X10 <sup>4</sup>               | 1.9X10 <sup>5</sup>    | 442    | 76.2       | 4.5    |
| 24SDMSJ6.3    | 24             | 6.3            | 50                | 19                       | 489                                                         | 24  | 8.1X10 <sup>1</sup>               | 1.3X10 <sup>3</sup>    | 442    | 50.8       | 2.2    |
| 24SDMSJ10     | 24             | 10             | 50                | 28                       | 287                                                         | 35  | 3.1X10 <sup>2</sup>               | 5.5X10 <sup>3</sup>    | 442    | 50.8       | 2.2    |
| 24SDMSJ16     | 24             | 16             | 50                | 47                       | 165                                                         | 60  | 9.8X10 <sup>2</sup>               | 1.5X10 <sup>4</sup>    | 442    | 50.8       | 2.2    |
| 24SDMSJ20     | 24             | 20             | 50                | 80                       | 79.3                                                        | 38  | 8.1X10 <sup>2</sup>               | 1.1X10 <sup>4</sup>    | 442    | 50.8       | 2.2    |
| 24SDMSJ25     | 24             | 25             | 50                | 84                       | 62.0                                                        | 49  | 1.3X10 <sup>3</sup>               | 2.0X10 <sup>4</sup>    | 442    | 50.8       | 2.2    |
| 24SDMSJ31.5   | 24             | 31.5           | 50                | 105                      | 46.5                                                        | 56  | 2.1X10 <sup>3</sup>               | 2.9X10 <sup>4</sup>    | 442    | 50.8       | 2.2    |
| 24SDMSJ40     | 24             | 40             | 50                | 140                      | 34.0                                                        | 79  | 3.2X10 <sup>3</sup>               | 4.4X10 <sup>4</sup>    | 442    | 50.8       | 2.2    |
| 24SFMSJ40     | 24             | 40             | 50                | 119                      | 38.0                                                        | 85  | 5.1X10 <sup>3</sup>               | 6.9X10 <sup>4</sup>    | 442    | 76.2       | 4.5    |
| 24SFMSJ50     | 24             | 50             | 50                | 225                      | 27.1                                                        | 96  | 8.1X10 <sup>3</sup>               | 9.0X10 <sup>4</sup>    | 442    | 76.2       | 4.5    |
| 24SFMSJ63     | 24             | 63             | 50                | 306                      | 21.6                                                        | 128 | 3.8X10 <sup>3</sup>               | 5.0X10 <sup>4</sup>    | 442    | 76.2       | 4.5    |
| 24SFMSJ71     | 24             | 71             | 50                | 350                      | 17.7                                                        | 134 | 5.0X10 <sup>3</sup>               | 6.6X10 <sup>4</sup>    | 442    | 76.2       | 4.5    |
| 24SHMEJ80     | 24             | 80             | 63                | 300                      | 20.5                                                        | 250 | 1.7X10 <sup>4</sup>               | 8.4X10 <sup>4</sup>    | 442    | 64         | 3.1    |
| 24SHMEJ100    | 24             | 100            | 63                | 350                      | 18.0                                                        | 350 | 2.8X10 <sup>4</sup>               | 9.3X10 <sup>4</sup>    | 442    | 64         | 3.1    |
| 24SKMEJ125    | 24             | 125            | 63                | 420                      | 16.7                                                        | 171 | 2.4X10 <sup>4</sup>               | 8.7X10 <sup>4</sup>    | 442    | 78         | 3.7    |
| 24SXMEJ160    | 24             | 160            | 63                | 320                      | 14.0                                                        | 279 | 4.4X10 <sup>4</sup>               | 1.7X10 <sup>5</sup>    | 442    | 88         | 4.2    |
| 36SDQSJ3.15   | 36             | 3.15           | 20                | -                        | -                                                           | -   | -                                 | -                      | 537    | 50.8       | 2.9    |
| 36SDQSJ6.3    | 36             | 6.3            | 35.5              | 23                       | 684                                                         | 34  | 1.0X10 <sup>2</sup>               | 1.2X10 <sup>3</sup>    | 537    | 50.8       | 2.9    |
| 36SDQSJ10     | 36             | 10             | 35.5              | 35                       | 402                                                         | 44  | 3.1X10 <sup>2</sup>               | 3.6X10 <sup>3</sup>    | 537    | 50.8       | 2.9    |
| 36SDQSJ16     | 36             | 16             | 35.5              | 70                       | 165                                                         | 52  | 4.6X10 <sup>2</sup>               | 5.1X10 <sup>3</sup>    | 537    | 50.8       | 2.9    |
| 36SDQSJ20     | 36             | 20             | 35.5              | 98                       | 117                                                         | 62  | 8.9X10 <sup>2</sup>               | 8.2X10 <sup>4</sup>    | 537    | 50.8       | 2.9    |
| 36SDQSJ25     | 36             | 25             | 35.5              | 112                      | 98.0                                                        | 85  | 1.2X10 <sup>3</sup>               | 1.5X10 <sup>4</sup>    | 537    | 50.8       | 2.9    |
| 36SFQSJ31.5   | 36             | 31.5           | 35.5              | 116                      | 73.4                                                        | 96  | 2.1X10 <sup>3</sup>               | 2.3X10 <sup>4</sup>    | 537    | 76.2       | 6.0    |
| 36SFQSJ40     | 36             | 40             | 35.5              | 178                      | 52.4                                                        | 116 | 4.1X10 <sup>3</sup>               | 3.9X10 <sup>4</sup>    | 537    | 76.2       | 6.0    |
| 36SFQSJ50     | 36             | 50             | 35.5              | 255                      | 36.8                                                        | 133 | 8.3X10 <sup>3</sup>               | 8.1X10 <sup>4</sup>    | 537    | 76.2       | 6.0    |
| 36SXQEJ63     | 36             | 63             | 20                | 280                      | 35.0                                                        | 271 | 1.1X10 <sup>4</sup>               | 6.2X10 <sup>4</sup>    | 537    | 88         | 6.5    |

Rating at 64%

