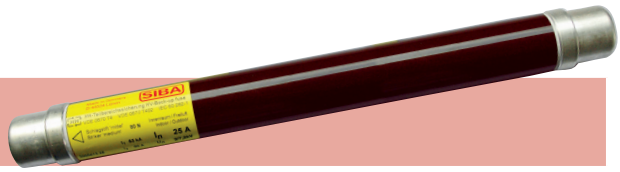
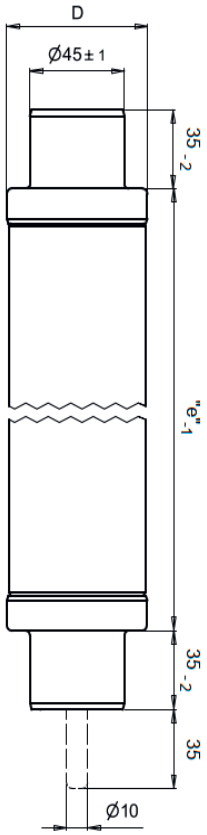
**6/12 kV** “e” = 442 mm






## Nebenabmessung / Variant dimension

Einsatz / Application
Luft- und gasisolierte Mittelspannungsschaltanlagen / Air and gas insulated switchgear
Für Innen- und Freiluftanwendungen / Indoor and outdoor application

Verpackung / Packing 1 Stück / 1 piece

| Betriebsklasse / Class | IEC 60282-1 | VDE 0670-4 |
|---|---|---|
| Teilbereich / Back-up | DIN 43 625 | |

| Bemessungs-spannung Rated Voltage | Artikel Article | Bemessungsstrom Rated Current | Länge “e” Length “e” | Durchmesser D Diameter D |
|---|---|---|---|---|
| kV | | A | mm | mm |
| 6/12 | 30 101 13 | 6,3 - 50 | 442 | 53 |
| | 30 102 13 | 63 - 125RC110 | | 67 |
| | 30 103 13 | 160RC140 | | 85 |
| | 30 103 14 | 200RC180 | | 85 |
| | 30 103 14 | 250RC200* | | 87 |

* Nur für Innenraumanwendungen
indoor application only

| Bemessungs-strom Rated Current | Artikel Nr. Article No. | Gewicht Weight | Bemessungs-Ausschaltstrom Rated Breaking Current - $I_1$ | Minimaler Ausschaltstrom Min. Breaking Current - $I_3$ | Schmelz-integral Pre-Arcing I2t-Value | Ausschaltintegral Total $I^2t$-Value @ 0,87 x Ur | Leistungs-abgabe Power Loss | Kaltwider-stand Cold Resistance | ICS Improved Cyclic Stability |
|---|---|---|---|---|---|---|---|---|---|
| A | | kg/1 | kA | A | $A^2s$ | $A^2s$ | W | mΩ | |
| 6,3 | 30 101 13.6,3 | 2,2 | 63 | 22 | 27 | 890 | 15 | 302 | |
| 10 | 30 101 13.10 | 2,2 | 63 | 34 | 68 | 1.260 | 25 | 189 | |
| 16 | 30 101 13.16 | 2,2 | 63 | 56 | 140 | 2.360 | 29 | 92 | |
| 20 | 30 101 13.20 | 2,2 | 63 | 70 | 545 | 4.200 | 21 | 47 | |
| 25 | 30 101 13.25 | 2,2 | 63 | 90 | 920 | 7.100 | 27 | 36 | |
| 31,5 | 30 101 13.31,5 | 2,2 | 63 | 110 | 1.400 | 10.800 | 37 | 29 | |
| 40 | 30 101 13.40 | 2,2 | 63 | 140 | 2.500 | 19.000 | 45 | 22 | |
| 50 | 30 101 13.50 | 2,2 | 63 | 170 | 4.700 | 36.000 | 54 | 16 | |
| 63 | 30 102 13.63 | 2,9 | 63 | 210 | 8.700 | 67.000 | 62 | 11,7 | |
| 80 | 30 102 13.80 | 2,9 | 63 | 280 | 17.500 | 240.000 | 69 | 8,3 | √ |
| 100 | 30 102 13.100 | 2,9 | 63 | 320 | 28.000 | 390.000 | 93 | 6,5 | √ |
| 125RC110 | 30 102 13.125 | 2,9 | 63 | 390 | 38.000 | 181.500 | 111 | 6,2 | √ |
| 160RC140 | 30 103 13.160 | 5,4 | 80 | 600 | 78.000 | 900.000 | 117 | 4,0 | √ |
| 200RC180 | 30 103 14.200 | 5,4 | 80 | 800 | 227.800 | 1.159.000 | 134 | 2,7 | √ |
| 250RC200 | 30 103 14.250LM | 5,4 | 80 | 1.000 | 265.700 | 1.494.000 | 148 | 2,4 | √ |

„LM“ = patentiertes, laminiertes Doppelwand-Isolierrohr. Verwendung seit 2019 zur Erzielung einer gesteigerten elektrischen Performance oberhalb der Forderungen gemäß IEC 60 282-1.
„LM“ = patented, laminated double-layer insulating-tube introduced in 2019 to offer improved electrical performance above stated by IEC 60 282-1.

RC = bitte RC-Info S. 13 beachten (hier als Download erhältlich)
please refer to RC-Info p. 13 (download here available)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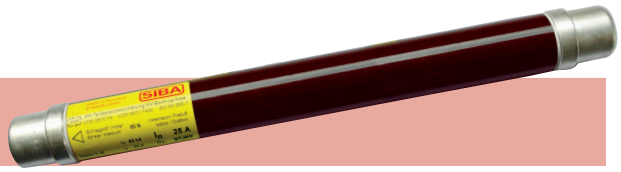
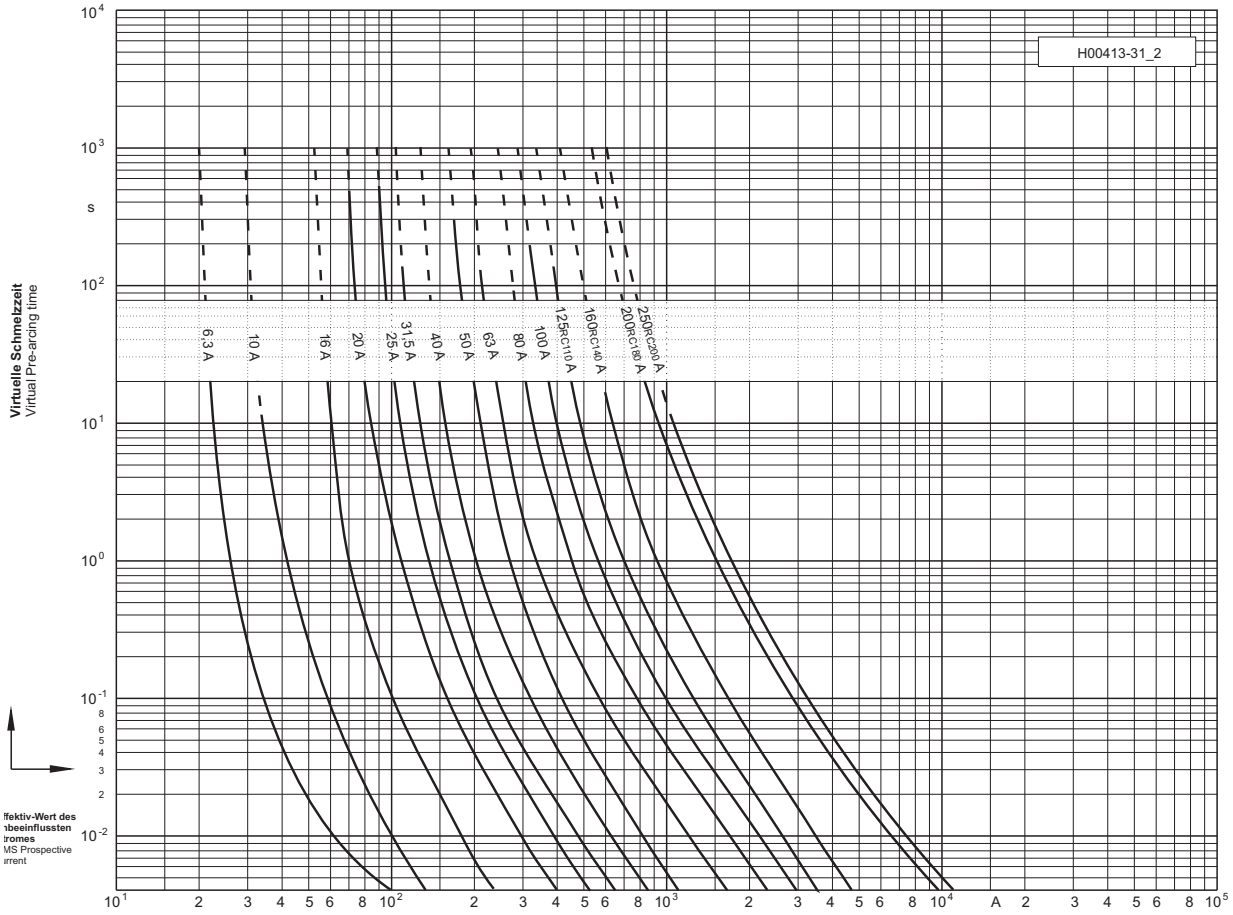
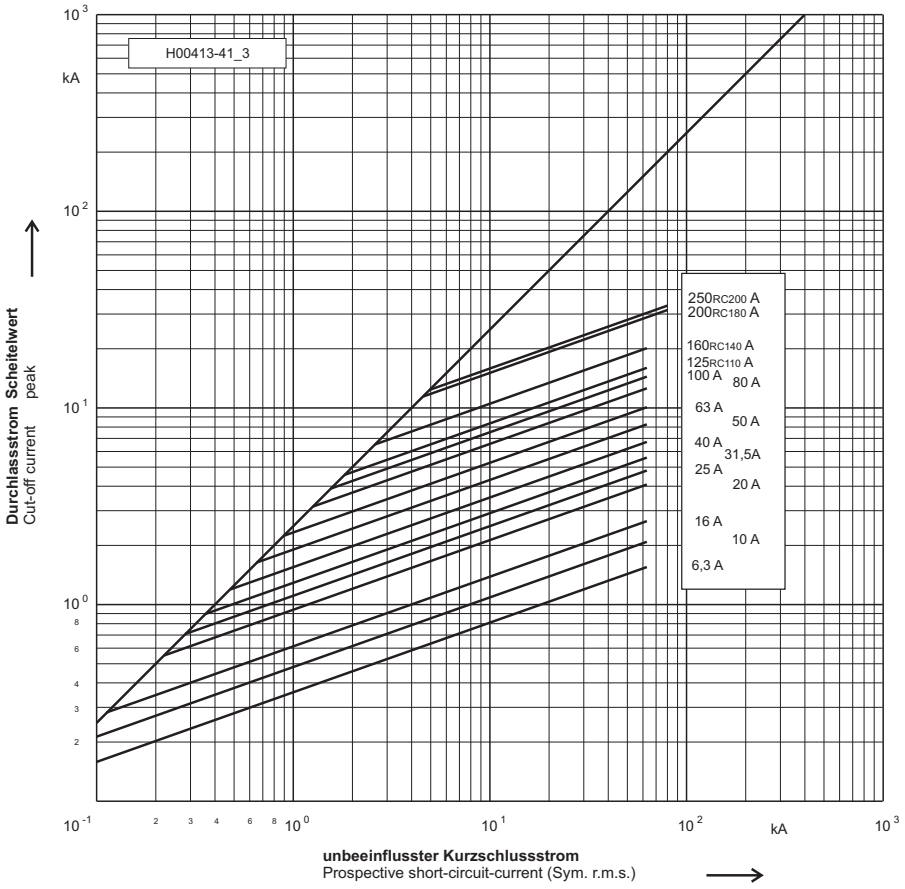
Sicherungen | Fuses

## 6/12 kV “e” = 442 mm



Zeit/Strom-Kennlinie
Time-current characteristic




Durchlass-Strom
Cut-off current