


690 V

SQB 1 DIN 110

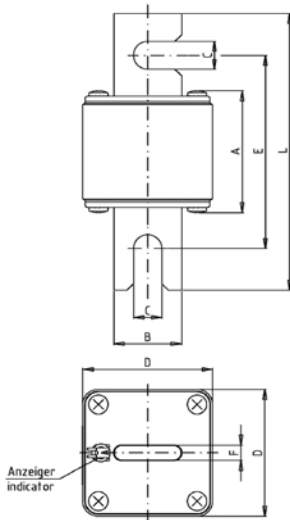
 usE180276

Europäische Bauform / European Standard

Verpackungseinheit / Packing unit: 3 Stück / 3 pieces

Betriebsklasse / Class
aR

IEC 60 269-4
VDE 0636-4
UL 248-13



| Bemessungs- spannung Rated Voltage | Artikel Article | Größe Size | Länge Length | | | | | | | | |
|---------------------------------------------|--------------------|---------------|-----------------|----|----|----|-----|----|----|----|-----|
| | | | A | B | C | D | E | F | G | H | L |
| V | | | mm | mm | mm | mm | mm | mm | mm | mm | mm |
| 690 | 20 613 32 | SQB 1 | 47,5 | 26 | 11 | 50 | 106 | 6 | - | - | 134 |

Bemessungsausschaltvermögen / Rated breaking capacity 200 kA (AC 700 V)

| Bemessungsstrom Rated Current | Artikel Nr. Article No. | Gewicht Weight | Bemessungsspannung Rated Voltage | | Schmelz- integral Pre-Arcing- I ² t-Value | Ausschalt- integral Total I ² t-Value @ AC 660 V | Leistungs- abgabe Power Loss |
|----------------------------------|----------------------------|-------------------|-------------------------------------|-----------|---------------------------------------------------------------|-------------------------------------------------------------------------|------------------------------------|
| | | | IEC 60 269-4 | UL 248-13 | | | |
| A | | kg / 1 | V | V | A ² s | A ² s | W |
| 50 | 20 613 32.50 | 0,48 | 690 | 700 | 110 | 590 | 12 |
| 63 | 20 613 32.63 | 0,48 | 690 | 700 | 160 | 850 | 19 |
| 80 | 20 613 32.80 | 0,48 | 690 | 700 | 260 | 1.400 | 24 |
| 100 | 20 613 32.100 | 0,48 | 690 | 700 | 420 | 2.300 | 30 |
| 125 | 20 613 32. 125 | 0,48 | 690 | 700 | 600 | 3.100 | 35 |
| 160 | 20 613 32. 160 | 0,48 | 690 | 700 | 1.400 | 7.500 | 40 |
| 200 | 20 613 32. 200 | 0,48 | 690 | 700 | 2.400 | 13.000 | 44 |
| 250 | 20 613 32. 250 | 0,48 | 690 | 700 | 3.700 | 21.000 | 51 |
| 315 | 20 613 32. 315 | 0,48 | 690 | 700 | 6.600 | 39.000 | 59 |
| 350 | 20 613 32. 350 | 0,48 | 690 | 700 | 9.900 | 55.000 | 61 |
| 400 | 20 613 32. 400 | 0,48 | 690 | 700 | 17.000 | 96.000 | 65 |
| 450 | 20 613 32. 450 | 0,48 | 690 | 700 | 22.000 | 130.000 | 70 |
| 500 | 20 613 32. 500 | 0,48 | 690 | 700 | 31.000 | 180.000 | 72 |
| 550 | 20 613 32. 550 | 0,48 | 690 | 700 | 41.000 | 250.000 | 75 |
| 630 | 20 613 32. 630 | 0,48 | 690 | 700 | 61.000 | 370.000 | 80 |
| 700 | 20 613 32. 700 | 0,48 | 690* | 700 | 86.000 | 490.000 | 85 |
| 800 | 20 613 32. 800 | 0,48 | 690* | 700 | 120.000 | 750.000 | 99 |
| 900 | 20 613 32. 900 | 0,48 | 600* | - | 170.000 | 990.000 | 105 |

* getestet @ 1,05xU_n | tested @ 1,05xU_n

Applikationskoeffizienten / Application coefficients (Weiterführende Informationen siehe Seite 13 / for more information see page 13)

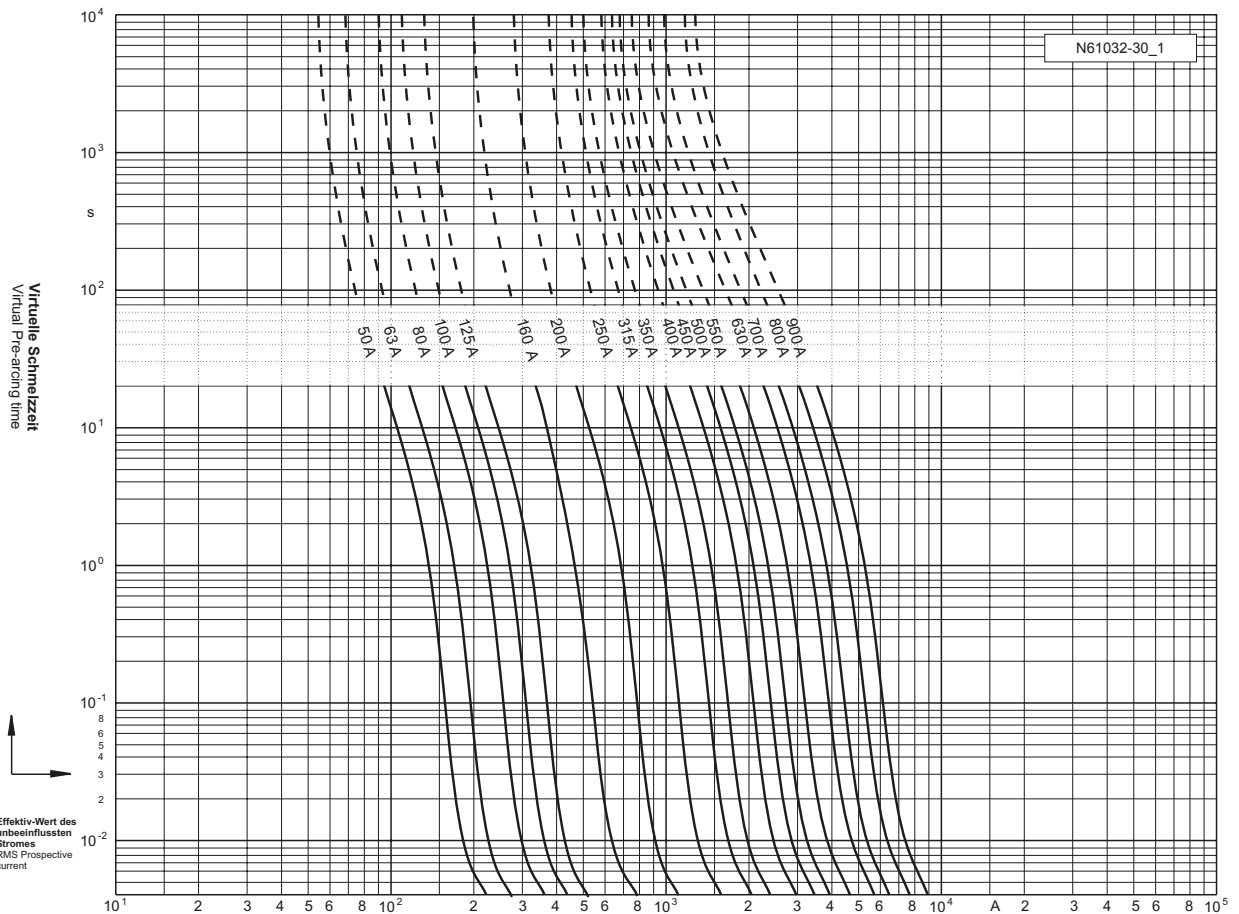
| a | A2 | B1 max. | B2 | Cf3 |
|-----|-----|---------|-----|-----|
| 130 | 0,6 | 1,25 | 0,6 | 0,8 |

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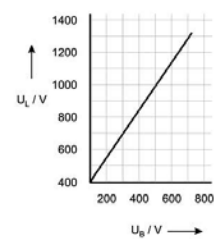
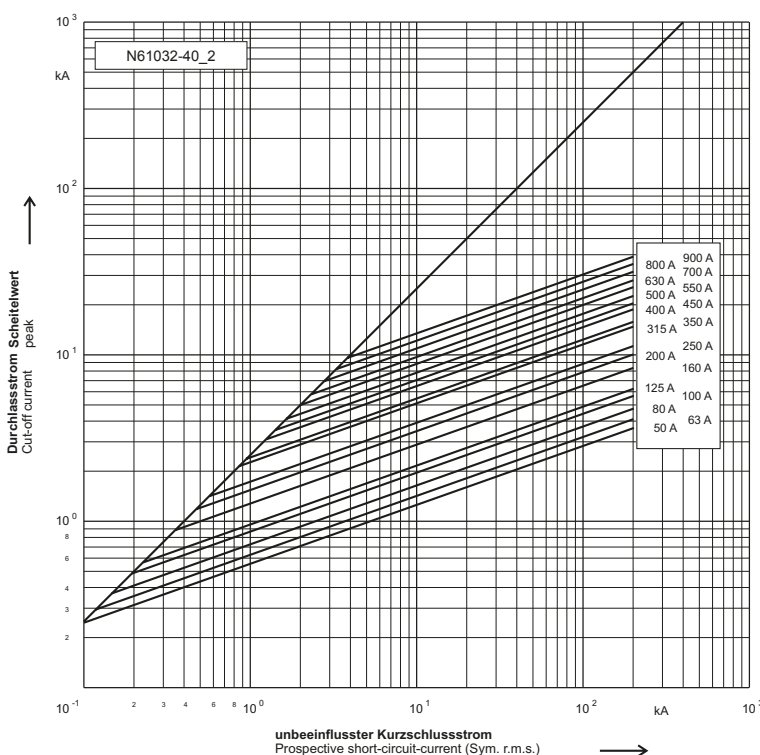
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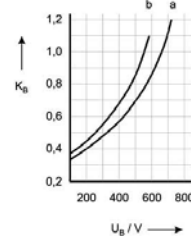
Zeit/Strom-
Kennlinien
Time-current
characteristics



Durchlass-Strom
Cut-off current

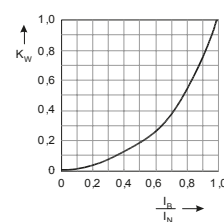


Schaltspannungsdiagramm
Arc Voltage-Diagram



Umrechnungsfaktor für den
Ausschalt i^2t -Wert
Reduction factor for total i^2t -value

- a) U_n 600 + 690 V
- b) U_n 500 + 550 V



Umrechnungsfaktor der
Leistungsabgabe
Reduction factor for power Loss