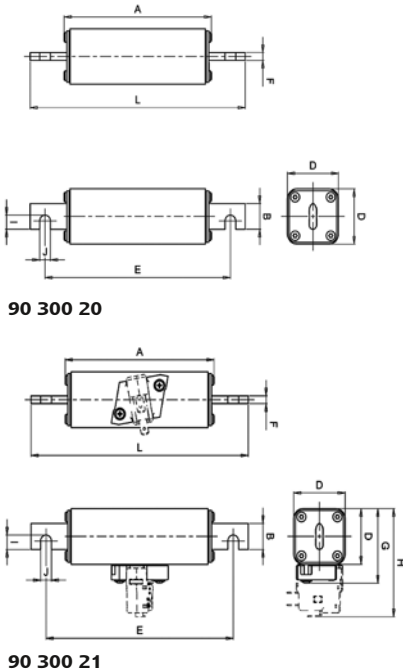


## DC 900 V SQB-DC 90



Verpackungseinheit / Packing unit: 1 Stück / 1 pieces

Betriebsklasse / Class  
**gR**

**IEC 60 077-5**  
**VDE 0115-460-5**  
**UIC 550**

| Bemessungs-<br>spannung<br>Rated Voltage | Artikel Nr.<br>Article No | Länge<br>Length |    |    |     |    |    |    |    |    |     |
|------------------------------------------|---------------------------|-----------------|----|----|-----|----|----|----|----|----|-----|
|                                          |                           | A               | B  | D  | E   | F  | G  | H  | I  | J  | L   |
| V                                        |                           | mm              | mm | mm | mm  | mm | mm | mm | mm | mm | mm  |
| DC 900                                   | 90 300 20                 | 124             | 20 | 43 | 156 | 6  | -  | -  | 11 | 9  | 181 |
|                                          | 90 300 21*                | 124             | 20 | 43 | 156 | 6  | 58 | 83 | 11 | 9  | 181 |

**Bemessungsausschaltvermögen / Rated breaking capacity** 100 kA DC 750 V (L/R=100ms)  
100 kA DC 900 V (L/R= 40ms)  
30 kA DC 1000 V (L/R=10ms)

| Bemessungsstrom<br>Rated Current | Artikel Nr.<br>Article No. |                | Gewicht<br>Weight | Schmelzintegral<br>Pre-Arcing-<br>I <sup>2</sup> t-Value | Ausschalt-<br>integral<br>Total I <sup>2</sup> t-Value | Leistungs-<br>abgabe<br>Power Loss |
|----------------------------------|----------------------------|----------------|-------------------|----------------------------------------------------------|--------------------------------------------------------|------------------------------------|
| A                                |                            |                | kg / 1            | A <sup>2</sup> s                                         | @ DC 1000 V L/R=10ms<br>A <sup>2</sup> s               | W                                  |
| 50                               | 90 300 20.50               | 90 300 21.50*  | 0,69              | 480                                                      | 3.200                                                  | 11                                 |
| 63                               | 90 300 20.63               | 90 300 21.63*  | 0,69              | 900                                                      | 6.200                                                  | 13                                 |
| 80                               | 90 300 20.80               | 90 300 21.80*  | 0,69              | 1.900                                                    | 13.000                                                 | 16                                 |
| 100                              | 90 300 20.100              | 90 300 21.100* | 0,69              | 3.600                                                    | 24.500                                                 | 19                                 |
| 125                              | 90 300 20.125              | 90 300 21.125* | 0,69              | 6.600                                                    | 45.000                                                 | 24                                 |
| 160                              | 90 300 20.160              | 90 300 21.160* | 0,69              | 11.200                                                   | 76.500                                                 | 31                                 |

\* Anbaumöglichkeit eines Meldeschalters  
suitable for switch fitting

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    | 0,5 | 0,8 |

## DC 900 V SQB-DC 90

Zeit/Strom-  
Kennlinien  
Time-current  
characteristics

