

# Limator<sup>®</sup>-G General Purpose fuse-links according to IEC 60282-1



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## Selection table

| Rated voltage range of fuse-link [kV]<br>Service voltage of transformer [kV] | Mode of protection<br>Rated current of fuse-link [A] | Transformer output [kVA]               |        |       |     |        |       |      |       |      |       |             |      |
|--|--|--|--------|-------|-----|--------|-------|------|-------|------|-------|-------------|------|
|  |  | rel. short-circuit voltage $U_k = 4\%$ |        |       |     |        |       |      |       |      |       | $U_k = 5\%$ |      |
|  |  | 50                                     | 100    | 125   | 160 | 200    | 250   | 315  | 400   | 500  | 630   | 800         | 1000 |
| 6/12   | Transformer rated current [A]                        | 2,9                                    | 5,8    | 7,2   | 9,2 | 11,5   | 14,4  | 18,2 | 23,1  | 28,9 | 36,4  | 46,2        | 57,7 |
|  | Rated current of fuse-link [A]                       | 6,3                                    | 6,3-10 | 10    | 16  | 16     | 16-25 | 25   | 25-40 | 40   | 40-50 | 50          | 50   |
| 10/24  | Transformer rated current [A]                        | 1,5                                    | 2,9    | 3,6   | 4,6 | 5,8    | 7,2   | 9,1  | 11,5  | 14,4 | 18,2  | 23,1        | 28,9 |
|  | Rated current of fuse-link [A]                       | -                                      | 4      | 4-6,3 | 6,3 | 6,3-10 | 10    | 16   | 16    | 16   | 25    | 25          | 25   |

Table 5



| Catalog Number | Reference Number | Range                    | Un (kV) | In (A) | L (mm) | D (mm) | I <sub>1</sub> (kA) | R (mΩ) | P (W) @ In | I <sup>2</sup> t (kA <sup>2</sup> s) | Weight (kg) |
|----------------|------------------|--------------------------|---------|--------|--------|--------|---------------------|--------|------------|--------------------------------------|-------------|
| 45DG120V6,3P   | W1000151         | General Purpose, striker | 6/12    | 6,3    | 292    | 65     | 40                  | 128    | 6          | 2                                    | 2,3         |
| 45DG120V10P    | X1000152         | General Purpose, striker | 6/12    | 10     | 292    | 65     | 40                  | 70     | 8          | 3,8                                  | 2,3         |
| 45DG120V16P    | Y1000153         | General Purpose, striker | 6/12    | 16     | 292    | 65     | 40                  | 35     | 10         | 14                                   | 2,3         |
| 45DG120V25P    | Z1000154         | General Purpose, striker | 6/12    | 25     | 292    | 65     | 40                  | 20,5   | 15         | 36                                   | 2,3         |
| 45DG120V40P    | A1000155         | General Purpose, striker | 6/12    | 40     | 292    | 78     | 40                  | 12,2   | 24         | 110                                  | 3,1         |
| 45DG120V50P    | B1000156         | General Purpose, striker | 6/12    | 50     | 292    | 88     | 40                  | 9,9    | 31         | 150                                  | 3,7         |
| 45DG240V4P     | C1000157         | General Purpose, striker | 10/24   | 4      | 442    | 78     | 40                  | 280    | 5          | 1,8                                  | 4,1         |
| 45DG240V6,3P   | D1000158         | General Purpose, striker | 10/24   | 6,3    | 442    | 78     | 40                  | 256    | 11         | 2                                    | 4,1         |
| 45DG240V10P    | E1000159         | General Purpose, striker | 10/24   | 10     | 442    | 78     | 40                  | 135    | 15         | 3,6                                  | 4,1         |
| 45DG240V16P    | F1000160         | General Purpose, striker | 10/24   | 16     | 442    | 78     | 40                  | 70,3   | 21         | 14                                   | 4,1         |
| 45DG240V25P    | G1000161         | General Purpose, striker | 10/24   | 25     | 442    | 88     | 40                  | 41,2   | 31         | 39                                   | 4,5         |



## Time-current characteristics

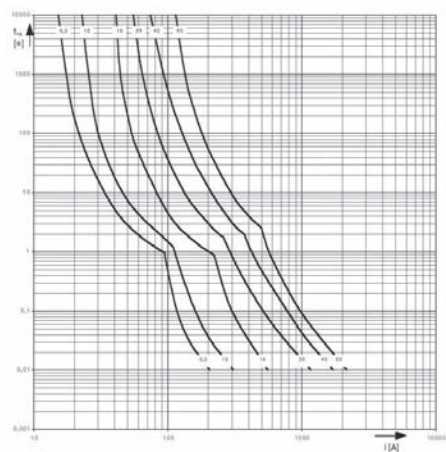


Fig. 13  
6/12 kV

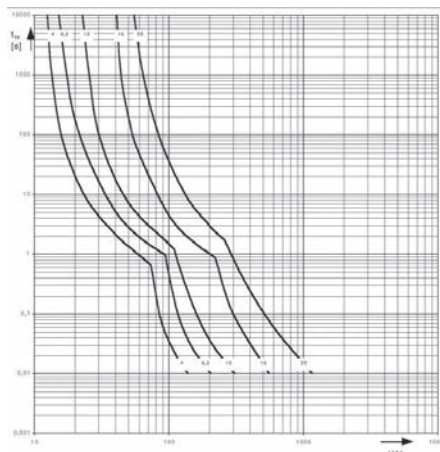


Fig. 14  
10/24 kV