

Color coding

If fuses are mixed up when they are replaced, this can result in malfunctions, overheating, or even cause the switching function to fail. To help prevent confusion, therefore, the relevant standards define a color coding system to complement the data printed on the fuse. They relate to the following areas:

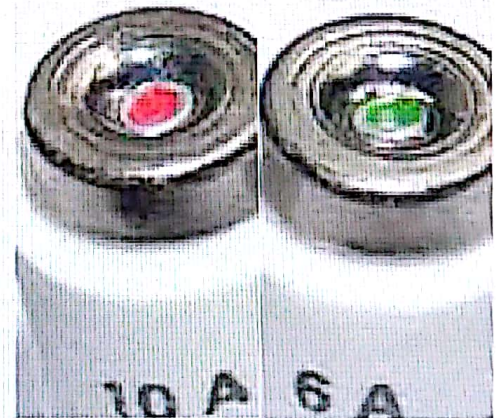
- Operational classes and rated voltages for LV HRC fuses
- Rated currents for screw-in fuse-links.

With LV HRC fuse links, the rated voltage of 500 V is indicated with a white background in the designated color and the rated voltages of 400 V and 690 V with a black background in a corresponding color bar; brown is used for gTr fuses and red for gB fuses (Table 4.2.1).

Alternatively, 400 V gG fuses can have blue or black bars. With DIAZED and NEOZED fuses, the indicators (Fig. 4.2.3) and adapter sleeves have the same color as the rated current of the fuse link (Table 4.2.2)

| gG | aM | gTr | gB |
|---------------------|--------|-------|--------|
| 400 V ^{*)} | 400 V | 400 V | |
| 500 V | 500 V | | 500 V |
| 690 V | 690 V | | 690 V |
| 1000 V | 1000 V | | 1000 V |
| *) or black | | | |

Table 4.2.1 – Color coding for LV HRC fuses



red green
Fig. 4.2.3 – D system indicators

| I _n A | 2 | 4 | 6 | 10 | 13 | 16 | 20 | 25 | 35 | 50 | 63 | 80 | 100 |
|------------------|------|-------|-------|-----|-------|------|------|--------|-------|-------|--------|--------|-----|
| Color | pink | brown | green | red | black | grey | blue | yellow | black | white | copper | silver | red |

Table 4.2.2 – Color coding for D fuses