

# NEOZED D0 fuse-links gG 400/440VAC

LOW VOLTAGE IEC FUSES

DIN LV FUSE-LINKS D0



The D0 fuse-system is installed in low voltage distribution units, where fuse-links are accessible to non trained persons and can also be replaced by them.

The system is the most modern of the screw systems and designed for 400VAC/250VDC networks.

The D0 fuse range comprises the standardized fuse sizes D01, D02 and D03.

The range of applications for D0 fuse-links for general application is the protection of cables and power lines. They limit and cut off unacceptable overcurrents and short circuit currents up to their nominal breaking capacity. D0 fuse-links “gG” also protect equipments and installations against dynamic effects of high short circuit currents.

## TECHNICAL DATA OVERVIEW

|                      |                 |
|----------------------|-----------------|
| Voltage Range AC     | 400 ... 440 VAC |
| Voltage DC           | 250 VDC         |
| Ampere Range (A)     | 2 ... 100 A     |
| Speed/Characteristic | gG              |
| I.R. AC (IEC)        | 100 kA          |
| Product Size         | D01 to D03      |

## FEATURES & BENEFITS

- Insulated body suitable for high mechanical and thermal impacts
- Top and bottom contacts made of nickel plated or silver plated copper alloy
- Safe cut-off short circuits and over currents due to special design of fuse element
- Clear indication of operation condition due to coloured indicator on top contact
- Low power dissipation
- Optimized size
- Resistant to aging

## APPLICATIONS

- House incoming units
- Meter distribution units
- Distribution cabinets
- Installation cabinets
- Fuse boxes

## STANDARDS

- DIN VDE 0636-3



# NEOZED DO fuse-links gG 400/440VAC

## PRODUCT RANGE



D01GG40V2

### Size D01 (E14) gG

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current I <sub>n</sub> | Colour | Power dissipation at I <sub>n</sub> | Utilisation category | Package | Weight |
|----------------|-------------|------------------------|------------------------|------------------------------|--------|-------------------------------------|----------------------|---------|--------|
| D01GG40V2      | T214676     | 400 V                  | 250 V                  | 2 A                          | pink   | 1.5 W                               | gG                   | 50      | 6.6 g  |
| D01GG40V4      | W200809     | 400 V                  | 250 V                  | 4 A                          | brown  | 1.6 W                               | gG                   | 50      | 6.6 g  |
| D01GG40V6      | B215695     | 400 V                  | 250 V                  | 6 A                          | green  | 1.7 W                               | gG                   | 50      | 6.6 g  |
| D01GG40V10     | W211090     | 400 V                  | 250 V                  | 10 A                         | red    | 1.8 W                               | gG                   | 50      | 6.6 g  |
| D01GG40V13     | C201206     | 400 V                  | 250 V                  | 13 A                         | black  | 2.1 W                               | gG                   | 50      | 6.6 g  |
| D01GG40V16     | R223023     | 400 V                  | 250 V                  | 16 A                         | grey   | 2.2 W                               | gG                   | 50      | 6.6 g  |



D02GG40V20

### Size D02 (E18) gG

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current I <sub>n</sub> | Colour | Power dissipation at I <sub>n</sub> | Utilisation category | Package | Weight |
|----------------|-------------|------------------------|------------------------|------------------------------|--------|-------------------------------------|----------------------|---------|--------|
| D02GG40V20     | B217742     | 400 V                  | 250 V                  | 20 A                         | blue   | 2 W                                 | gG                   | 50      | 12 g   |
| D02GG40V25     | W213160     | 400 V                  | 250 V                  | 25 A                         | yellow | 3 W                                 | gG                   | 50      | 12 g   |
| D02GG40V32     | S227647     | 400 V                  | 250 V                  | 32 A                         | black  | -                                   | gG                   | 50      | 12 g   |
| D02GG40V35     | R219826     | 400 V                  | 250 V                  | 35 A                         | black  | 3.9 W                               | gG                   | 50      | 12 g   |
| D02GG40V40     | Q1028666    | 400 V                  | 250 V                  | 40 A                         | black  | 3.9 W                               | gG                   | 50      | 12 g   |
| D02GG40V50     | D215191     | 400 V                  | 250 V                  | 50 A                         | white  | 4.7 W                               | gG                   | 50      | 12 g   |
| D02GG40V63     | C201873     | 400 V                  | 250 V                  | 63 A                         | copper | 5.4 W                               | gG                   | 50      | 12 g   |



D03GG40V80

### Size D03 (M30x2) gG

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current I <sub>n</sub> | Colour | Power dissipation at I <sub>n</sub> | Utilisation category | Package | Weight |
|----------------|-------------|------------------------|------------------------|------------------------------|--------|-------------------------------------|----------------------|---------|--------|
| D03GG40V80     | L216716     | 400 V                  | 250 V                  | 80 A                         | silver | 5.6 W                               | gG                   | 10      | 41 g   |
| D03GG40V100    | N212647     | 400 V                  | 250 V                  | 100 A                        | red    | 6.7 W                               | gG                   | 10      | 41 g   |



D01GG44V10

### Size D01 (E14) gG Marine

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current I <sub>n</sub> | Colour | Power dissipation at I <sub>n</sub> | Utilisation category | Package | Weight |
|----------------|-------------|------------------------|------------------------|------------------------------|--------|-------------------------------------|----------------------|---------|--------|
| D01GG44V2      | E218780     | 440 V                  | 250 V                  | 2 A                          | pink   | 1.5 W                               | gG                   | 50      | 6.6 g  |
| D01GG44V4      | V219829     | 440 V                  | 250 V                  | 4 A                          | brown  | 1.6 W                               | gG                   | 50      | 6.6 g  |
| D01GG44V6      | X223028     | 440 V                  | 250 V                  | 6 A                          | green  | 1.7 W                               | gG                   | 50      | 6.6 g  |
| D01GG44V10     | S201358     | 440 V                  | 250 V                  | 10 A                         | red    | 1.8 W                               | gG                   | 50      | 6.6 g  |
| D01GG44V16     | C211096     | 440 V                  | 250 V                  | 16 A                         | grey   | 2.2 W                               | gG                   | 50      | 6.6 g  |