

# D Series Fuse Bottle

## Low Voltage Fuse Links

**multicomp**PRO



DI

DII

DIII

D fuse-links for use by unskilled persons for domestic and similar applications are used as the most reliable protection of electrical installation, control and signal circuits against overload and short-circuit currents.

The whole system D contains a complete range of three physical sizes DI, DII and DIII fuse-links, standard ceramic and new plastic fuse bases and all necessary accessories. It is dimensioned for rated voltages 500V, 690V, 750V and 1200 V AC respectively 500V or 600 V DC with AC 50 kA and DC 8 kA rated breaking capacity.

The system D is intended to be used in residential, business and similar buildings. When it is used in industrial installations, it is necessary to take into account the requirements of the standard IEC 60664-1 concerning the insulation coordination for equipment within low-voltage systems.

All fuse-links have blown-fuse indicators which are visible through the screw cap when mounted. Fuse-links, fusebases, caps and fuse-disconnectors are tested and certified according to IEC 60269-3-1, DIN EN 60269-3, DIN VDE 0636-301, HD 630.3.1 and DIN EN 60269-1.

### Specifications:

|                        |                    |
|------------------------|--------------------|
| Rated Current          | : 2 to 100A        |
| Fusing Characteristics | : gG and TDZ       |
| Fuse Body Material     | : Ceramic, Plastic |
| Fuse Size Code         | : DI               |
| Series                 | : Class gG/gL      |
| Body Material          | : Ceramic          |
| Length                 | : 50mm             |

### Technical Data

|                                |                                                                 |
|--------------------------------|-----------------------------------------------------------------|
| Rated Voltage $U_n$            | 500V AC, 400V DC                                                |
| Rated Current $I_n$            | DI, DII: 2 - 25A, DIII: 32 - 63A                                |
| Breaking Capacity at 1,1 $U_n$ | 50kAAC $\cos \varphi = 0,2$                                     |
|                                | 8kA DC T = 15ms                                                 |
| Fusing Characteristics         | gG and TDZ                                                      |
| Standards                      | DIN EN 60269-1, IEC 60269-1:2005-04 (VDE 0636 Teil 10): 1999-11 |
|                                | DIN EN 60269-3, IEC 60269-3:2003 (VDE 0636 Teil 30): 1995-12    |
|                                | DIN EN 60269-3-1, IEC 60269-3-1: 2004-07                        |
|                                | (VDE 0636 Teil 301): 1998-01                                    |
|                                | DIN VDE 0635/02.84                                              |

Newark.com/multicomp-pro  
Farnell.com/multicomp-pro  
sg.element14.com/b/multicomp-pro

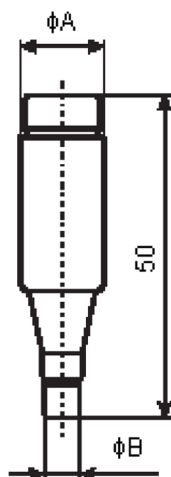
**multicomp**PRO

# D Series Fuse Bottle

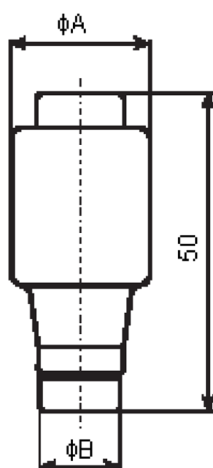
## Low Voltage Fuse Links

**multicomp**PRO

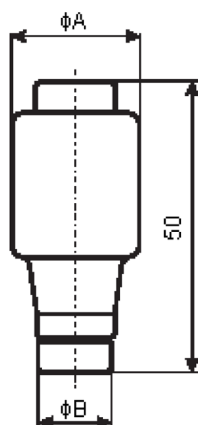
### Diagram



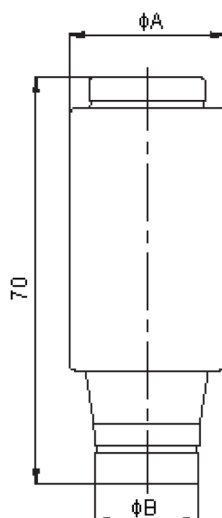
DI for fuse base E 16



DII for fuse base E 27



DIII for fuse base E 33



DIII gG, 690V AC, 600V DC

Dimensions : Millimetres

# D Series Fuse Bottle

## Low Voltage Fuse Links

**multicomp**PRO

**Part Number Table**

| Description      | Type                    | Colour | I <sub>n</sub><br>(A) | Dimension |    | Part Number |
|------------------|-------------------------|--------|-----------------------|-----------|----|-------------|
|                  |                         |        |                       | ØA        | ØB |             |
| Fuse, Bottle, GL | DI for Fuse Base E 16   | Pink   | 2                     | 13.2      | 6  | 2311401     |
|                  |                         | Brown  | 4                     |           |    | 2311402     |
|                  |                         | Green  | 6                     |           |    | 2311403     |
|                  |                         | Red    | 10                    |           | 8  | 2311404     |
|                  |                         | Grey   | 16                    |           | 10 | 2311405     |
|                  |                         | Yellow | 25                    |           | 14 | 2311407     |
|                  | DII for fuse base E 27  | Pink   | 2                     | 21.5      | 6  | 2312401     |
|                  |                         | Brown  | 4                     |           |    | 2312402     |
|                  |                         | Green  | 6                     |           |    | 2312403     |
|                  |                         | Red    | 10                    |           | 8  | 2312404     |
|                  |                         | Grey   | 16                    |           | 10 | 2312405     |
|                  |                         | Blue   | 20                    |           | 12 | 2312406     |
|                  |                         | Yellow | 25                    |           | 14 | 2312407     |
|                  | DIII for fuse base E 33 | Black  | 35                    | 27        | 16 | 2313401     |
|                  |                         | White  | 50                    |           | 18 | 2313402     |
|                  |                         | Copper | 63                    |           | 20 | 2313403     |

Dimensions : Millimetres

**Important Notice :** This data sheet and its contents (the "Information") belong to the members of the AVNET group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. Multicomp Pro is the registered trademark of Premier Farnell Limited 2019.

Newark.com/multicomp-pro  
Farnell.com/multicomp-pro  
sg.element14.com/b/multicomp-pro

**multicomp**PRO