

D Series Fuse Bottle

Low Voltage Fuse Links



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:

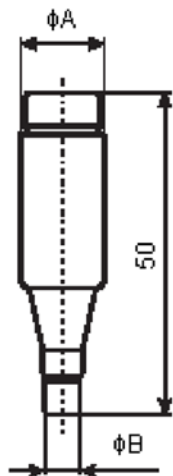
Rated Current	: 2 to 100A
Fusing Characteristics	: gG and TDZ
Fuse Body Material	: Ceramic, Plastic
Fuse Size Code	: DI
Series	: Class gG/gL
Body Material	: Ceramic
Length	: 50mm

Technical Data

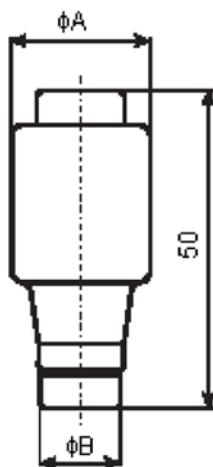
Rated Voltage U_n	500V AC, 400V DC
Rated Current I_n	DI, DII: 2 - 25A, DIII: 32 - 63A
Breaking Capacity at 1,1 U_n	50kAAC $\cos \varphi = 0,2$
	8kA DC T = 15ms
Fusing Characteristics	gG and TDZ
Standards	DIN EN 60269-1, IEC 60269-1:2005-04 (VDE 0636 Teil 10): 1999-11
	DIN EN 60269-3, IEC 60269-3:2003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

D Series Fuse Bottle

Low Voltage Fuse Links

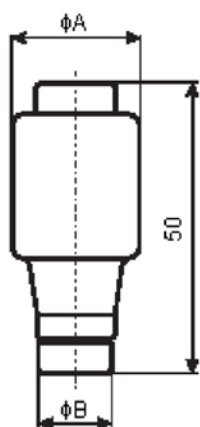


DI for fuse base E 16

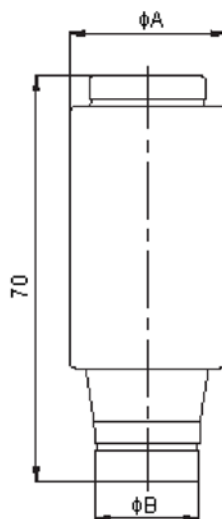


DII for fuse base E 27

Dimensions : Millimetres



DIII for fuse base E 33



DIII gG, 690V AC, 600V DC

Dimensions : Millimetres

D Series Fuse Bottle

Low Voltage Fuse Links



Part Number Table

Description	Type	Colour	I _n (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 Premier Farnell 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 is the registered trademark of the Group. © Premier Farnell plc 2012.