

D Series Fuse Bottle

Low Voltage Fuse Links

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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 $1,1 U_n$	50kA AC $\cos \varnothing = 0,2$
	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

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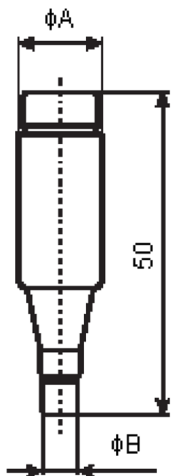
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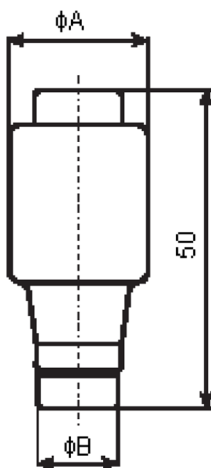
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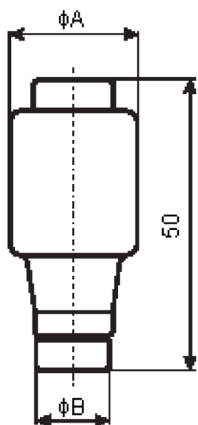
Diagram



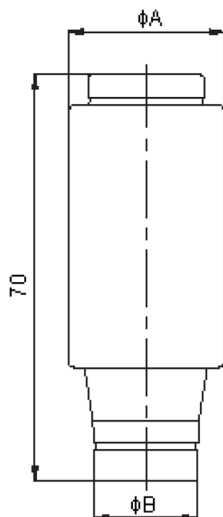
DI for fuse base E 16



DII for fuse base E 27



DIII for fuse base E 33



DIII gG, 690V AC, 600V DC

Dimensions : Millimetres

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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			2311404
		Grey	16			2311405
		Yellow	25			2311407
	DII for fuse base E 27	Pink	2	21.5	6	2312401
		Brown	4			2312402
		Green	6			2312403
		Red	10			2312404
		Grey	16			2312405
		Blue	20			2312406
	DIII for fuse base E 33	Black	35	27	16	2313401
		White	50			2313402
		Copper	63			2313403

Dimensions : Millimetres

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