

ECI EXPULSION FUSES for DISTRIBUTION TRANSFORMERS

Terminal Board and Bushing Types

Available Catalog Numbers are listed on Outline Drawings.

Catalog Number	Outline Drawing	Interrupting Ratings (a)		
		Voltage (kV)		I/C Amps.
		Maximum	Applied	RMS Asym.
Terminal Board Type				
9F54DAA---	32B548085	5.2	5.2	3500
9F54DAB---	32B548085	5.2	5.2	3500
9F54DBA---	32B548085	8.4	8.4	3500
9F54DBB---	32B548085	8.4	8.4	3500
9F54WLD---	32B548089	15.0	15.0	3000
	32B548090	15.0	8.4	3500
9F54DCA---	32B548086 Sht 1	23.0	23.0	1500
	32B548086 Sht 2	23.0	15.0	2000
9F54DCB---	32B548086 Sht 1	23.0	23.0	1500
	32B548086 Sht 2	23.0	15.0	2000
Bushing Type				
9F54VBE--1	32B548083	8.4	8.4	3500
9F54VBG--1	32B548083	8.4	8.4	3500
9F54VBE--3	32B548087	8.4	8.4	3500
9F54VBG--3	32B548087	8.4	8.4	3500
9F54VCE--1	32B548091 Sht 1	15.0	15.0	2000
9F54VCG--1	32B548091 Sht 1	15.0	15.0	2000
9F54VCE--2	32B548091 Sht 2	15.0	15.0	2000
9F54VCG--2	32B548091 Sht 2	15.0	15.0	2000
9F54VCE--3	32B548091 Sht 3	15.0	15.0	2000
9F54VCG--3	32B548091 Sht 3	15.0	15.0	2000
9F54XCE--1	32B548092	15.0	15.0	2000
9F54XCG--1	32B548092	15.0	15.0	2000

(a) Fuses designed and tested for Vertical Mounting Only.

Maximum voltage listed in the table is the maximum design voltage.

Voltages listed above are maximum voltages the fuse can withstand, whether the application is Line to Line or Line to Ground.

Interrupting ratings are based on tests made with the minimum clearances shown in the table on page B3. The interrupting rating of this device is a function of transformer tank design and the live part insulation. The interrupting rating may also vary depending on the following:

Location of ground plane, Distance top of fuse is below oil level, use of barriers, Mounting Angle, Clearance from bottom of fuse.

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MINIMUM CLEARANCES:

Catalog Number	kV	Min. (inches) Clearance to Ground (a)	Min. (inches) Oil Immersion (b)
Terminal Board Type			
9F54DAA---	5.2	2.0	2.5
9F54DAB---	5.2	2.0	2.5
9F54DBB---	8.4	2.0	2.5
9F54DBB---	8.4	2.0	2.5
9F54WLD---	15.0	3.0	3.0
9F54DCA---	23.0	6.0 (c)	3.0
9F54DCB---	23.0	6.0 (c)	3.0
Bushing Type			
9F54VBE---	8.4	5.0	2.5
9F54VBG---	8.4	5.0	2.5
9F54VCE---	15.0	3.0	2.5 (d)
9F54VCG---	15.0	3.0	2.5 (d)
9F54XCE--1	15.0	3.0	2.5 (d)
9F54XCG--1	15.0	3.0	2.5 (d)

- (a) Measured from centerline of fuse tube.
- (b) (-5)°C oil to top of fuse tube.
- (c) 5.0 inches for 9F54DCA at 15.0 kV.
- (d) Top end of fuse 1.0 inch below end of bushing. Fuse must be mounted vertically.

