

**Dimensions & Resistance Values for Square D E-Rated DIN**

**5.5kV 'G' Range**

Fuse part number	Voltage kV	E-rating 'E'	Length mm	Diameter mm	Resistance (milliohms)		
					Minimum	Nominal	Maximum
55GDMSJD10E	5.5	10	442	51	61.1	67.8	74.6
55GDMSJD15E	5.5	15	442	51	38.2	42.5	46.7
55GDMSJD20E	5.5	20	442	51	22.2	24.6	27.1
55GDMSJD25E	5.5	25	442	51	17.6	19.5	21.5
55GDMSJD30E	5.5	30	442	51	13.4	14.9	16.4
55GDMSJD40E	5.5	40	442	51	12.7	14.1	15.5
55GDMSJD50E	5.5	50	442	51	10.2	11.3	12.4
55GDMSJD65E	5.5	65	442	51	7.27	8.07	8.88
55GDMSJD80E	5.5	80	442	51	5.65	6.28	6.91
55GDMSJD100E	5.5	100	442	51	4.32	4.8	5.28
55GDMSJD125E	5.5	125	442	76	3.66	4.06	4.47
55GFMSJD150E	5.5	150	442	76	2.93	3.25	3.58
55GFMSJD175E	5.5	175	442	76	2.38	2.64	2.9
55GFMSJD200E	5.5	200	442	76	1.9	2.11	2.32
55GFMSJD250E	5.5	250	442	76	1.47	1.63	1.79
55GFMSJD300E	5.5	300	442	76	1.06	1.17	1.29
55GFMSJD350E	5.5	350	442	76	0.798	0.886	0.975
55GFMSJD400E	5.5	400	442	76	0.619	0.688	0.757
55GFMSJD450E	5.5	450	442	76	0.517	0.575	0.632

**Minimum & Rated Breaking Current, Peak Overvoltage & Power Dissipation for Square D E-Rated DIN**

**5.5kV 'G' Range**

Fuse part number	Voltage kV	E-rating 'E'	Minimum breaking current (A)	Power dissipation at rated current (Watts)	Maximum overvoltage (kV)	Rated breaking current (kA RMS symmetrical)
55GDMSJD10E	5.5	10	15	8	15.5	65
55GDMSJD15E	5.5	15	24	11	15.5	65
55GDMSJD20E	5.5	20	31	11	15.5	65
55GDMSJD25E	5.5	25	41	15	15.5	65
55GDMSJD30E	5.5	30	46	17	15.5	65
55GDMSJD40E	5.5	40	60	27	15.5	65
55GDMSJD50E	5.5	50	75	36	15.5	65
55GDMSJD65E	5.5	65	104	44	15.5	65
55GDMSJD80E	5.5	80	128	53	15.5	65
55GDMSJD100E	5.5	100	145	69	15.5	65
55GDMSJD125E	5.5	125	178.5	94	15.5	65
55GFMSJD150E	5.5	150	230	103	14	65
55GFMSJD175E	5.5	175	257	121	14	65
55GFMSJD200E	5.5	200	322	126	14	65
55GFMSJD250E	5.5	250	327	139	18	65
55GFMSJD300E	5.5	300	408	147	18	65
55GFMSJD350E	5.5	350	514	161	18	65
55GFMSJD400E	5.5	400	580	167	18	65
55GFMSJD450E	5.5	450	694	183	18	65



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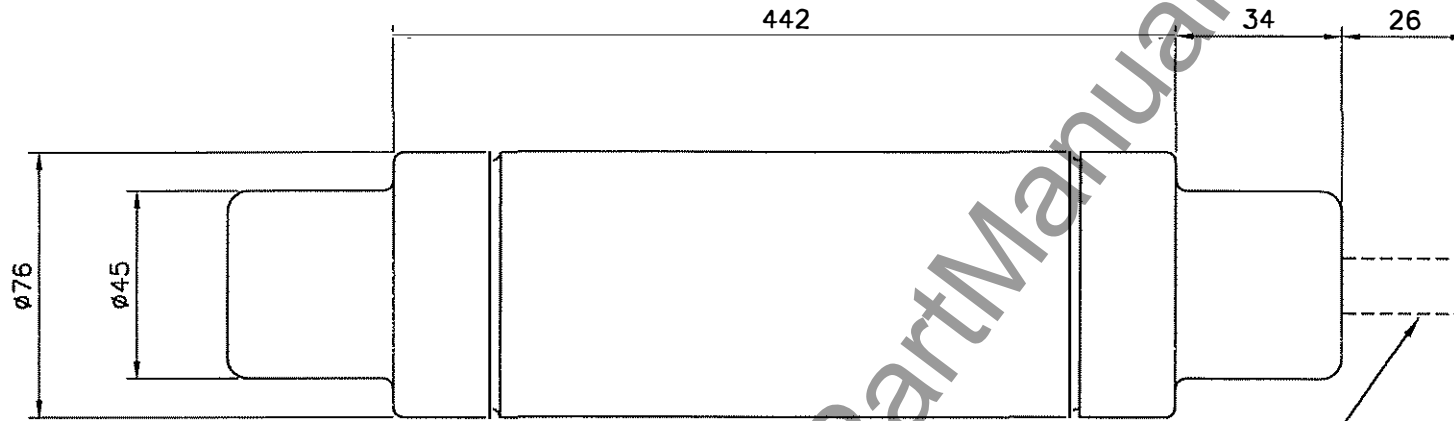
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DRG.  
No

E4072

REVISIONS

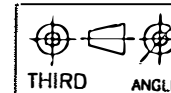


STRIKER IN  
OPERATED POSITION

TYPES	VOLTAGE	RATING
55GFMSJD150E	5.5kV	150E
55GFMSJD175E	5.5kV	175E
55GFMSJD200E	5.5kV	200E
55GFMSJD250E	5.5kV	250E
55GFMSJD300E	5.5kV	300E
55GFMSJD350E	5.5kV	350E
55GFMSJD400E	5.5kV	400E
55GFMSJD450E	5.5kV	450E
175GFMSJD40E	17.5kV	40E
175GFMSJD50E	17.5kV	50E
175GFMSJD65E	17.5kV	65E

AUTOCAD 13

DRN.	TZ	CHKD.
DATE	26/6/98	



THIRD ANGLE



ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE STATED

DRG.  
No E4072

ANY UNSPECIFIED TOL.  
± 0.4mm / 0.016"

OUTLINE OF  $\phi 76$ mm SQUARE D FUSE

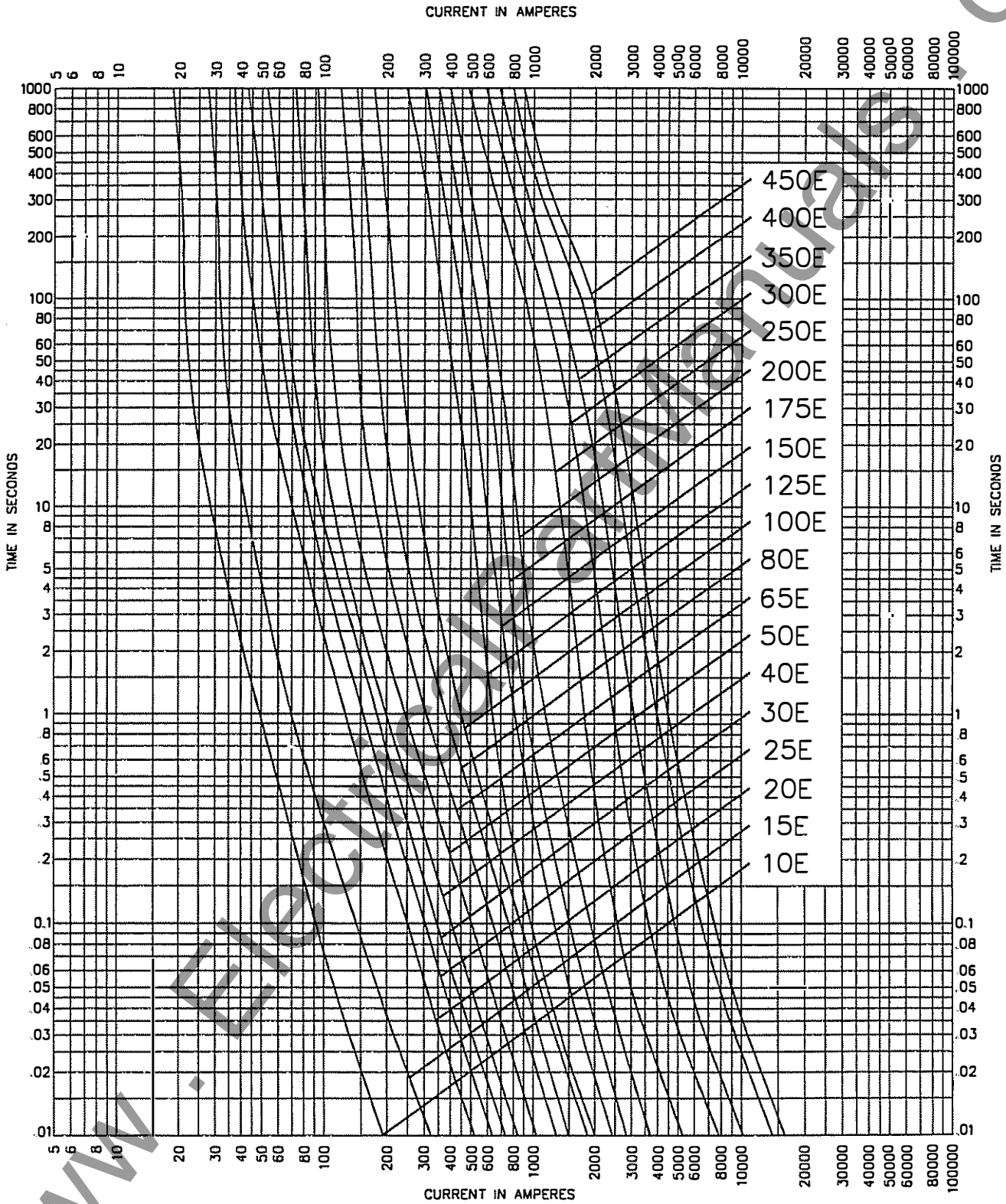
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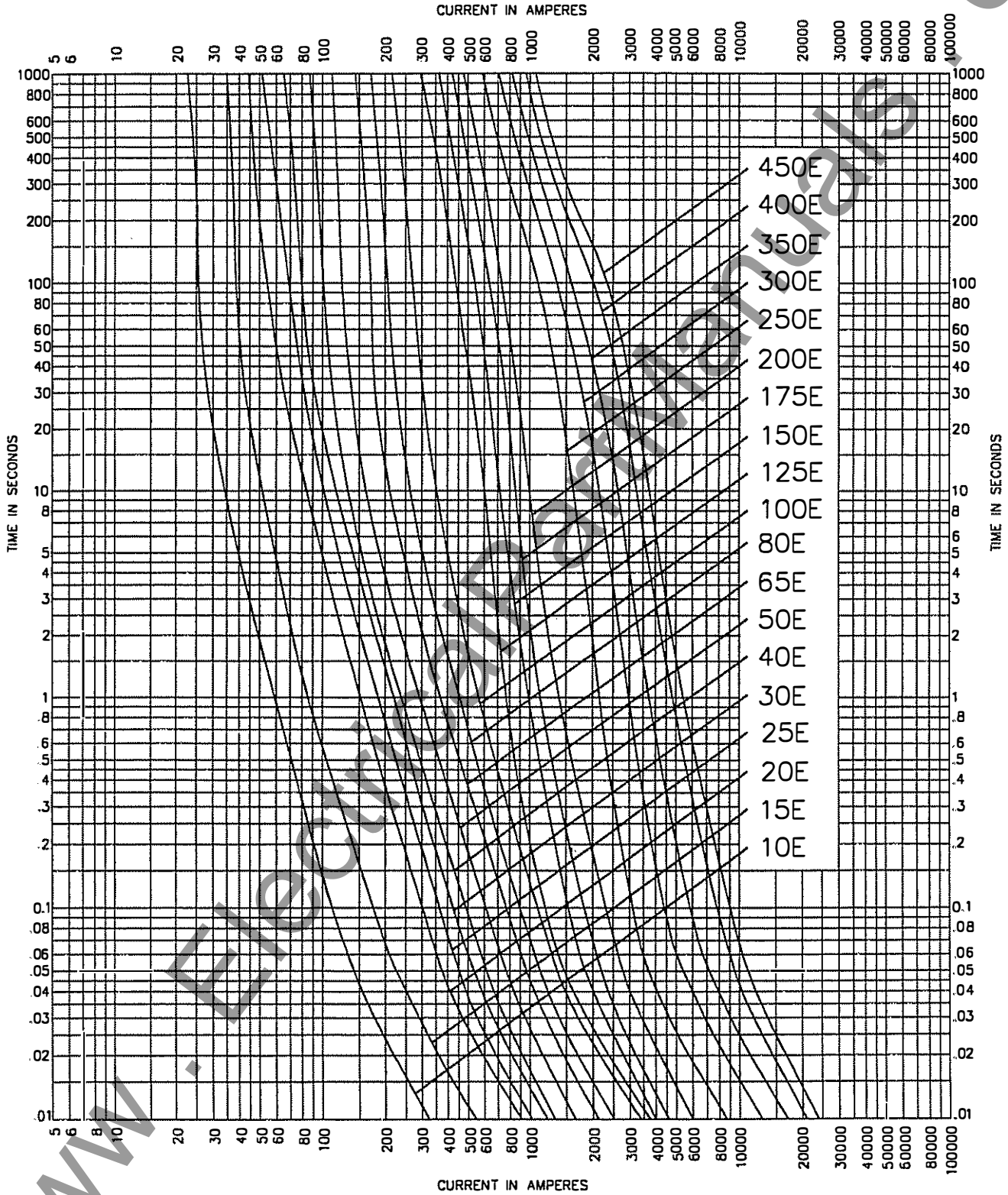
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MEDIUM VOLTAGE FUSE  
CHARACTERISTIC CURVE No. PF1216  
Minimum Melting Time Current Data  
5.5kV

Catalog No. 55GFMSJD(150E-450E)  
55GDMSJD(10E-125E)



MEDIUM VOLTAGE FUSE  
 CHARACTERISTIC CURVE No. PF1217  
 Total Clearing Time Current Data  
 5.5kV  
 Catalog No. 55GFMSJD(150E-450E)  
 55GDMSJD(10E-125E)



MEDIUM VOLTAGE FUSE  
 CHARACTERISTIC CURVE No. PF1220  
 Peak Let-Thru Current Data  
 5.5 kV  
 Catalog No. 5.SGFMSJD(150E-450E)  
 5.SGDMSJD(10E-125E)

