

Size 1*, 3 and 23 Square Body High Speed Traction Fuse Links for Third Rail Applications 50A to 1600A, 750Vdc

Catalogue Symbol: 170M2000 to 170M2005
170M2010 to 170M2016
170M2017 to 170M2021

Class of Operation: aR size 1*
gR size 3 and 23

Fuse Size: 1*, 3 and 23

Standards/Approvals: IEC 60269

Microswitch (optional): 170H0069 Type K
indicator, 6.3 x 0.8mm
lugs. 1.5V operating
voltage.



Description: A range of high speed square body traction fuse links which provides superior protection for harsh DC traction third rail applications up to 750Vdc.

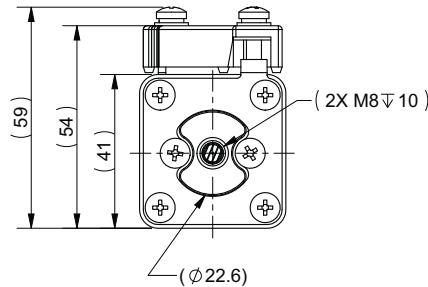
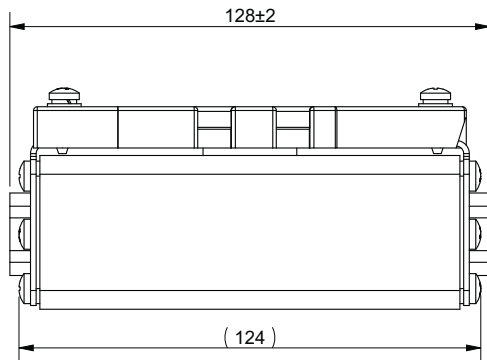
Packaging: MOQ: 1
Packaging 100% recyclable

Technical Data:
Rated Voltage: 750Vdc
Rated Current/Mounting Method:
50-160A, Size 1, Flush End
450-800A, Size 3, Flush End
1000-1600A, Size 23, Parallel

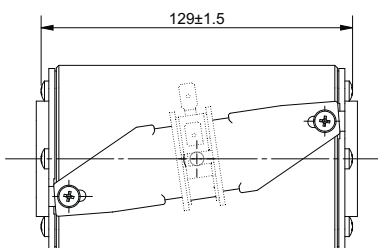
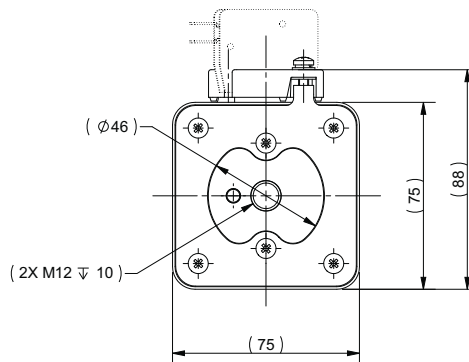
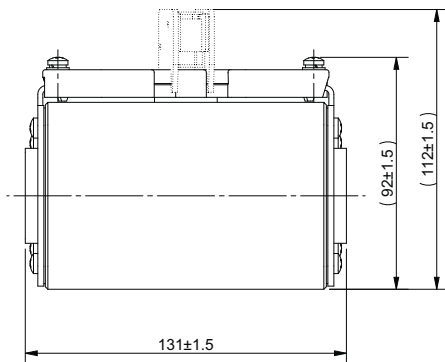
Tested Breaking Capacity:
Size 1* 85kA at 750Vdc, L/R 95ms
80kA at 950Vdc, L/R 40ms
Size 3 and 23
110kA at 750Vdc, L/R 40ms

Dimensions - mm

170M2000 to 170M2005 - Flush End - Size 1* - 50 to 160A



170M2010 to 170M2016 - Flush End - Size 3 - 450 to 800A

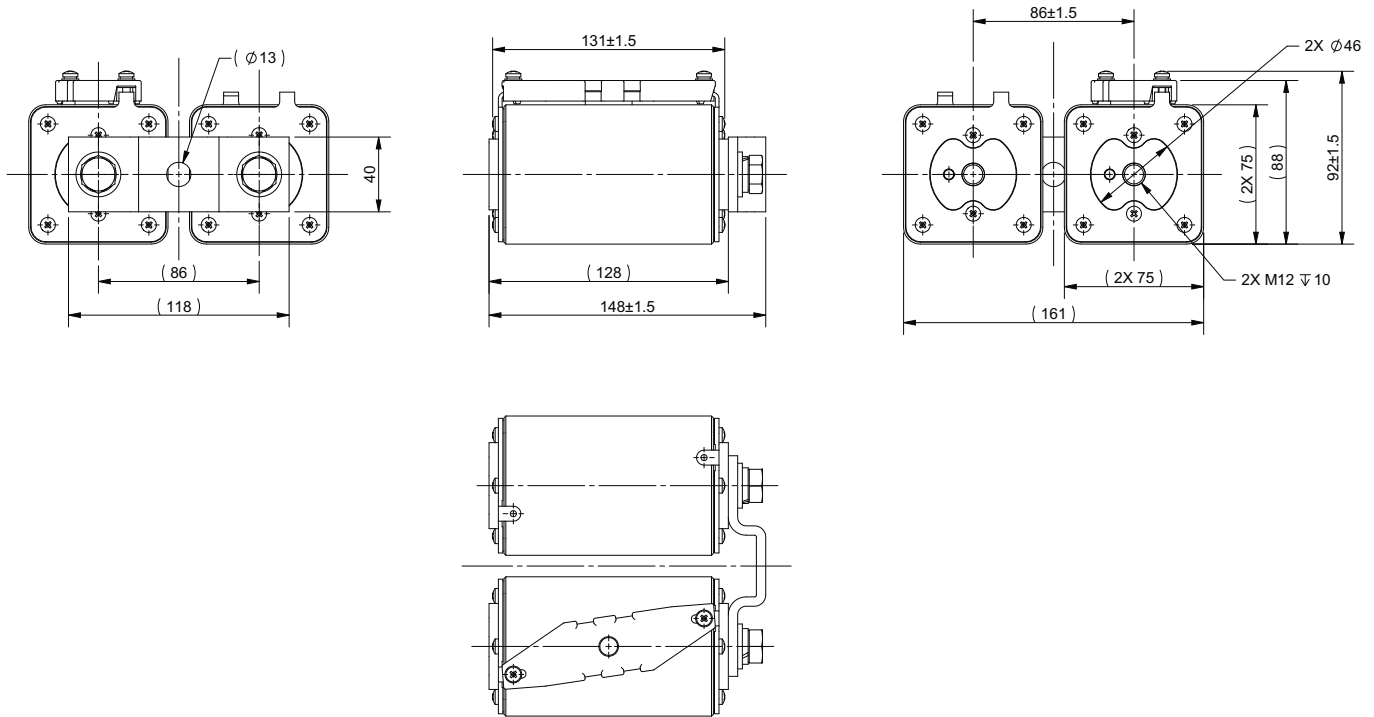


Size 1* = Size 1 Compact Size

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Dimensions - mm

170M2017 to 170M2021 - Parallel - Size 23 - 1000 to 1600A



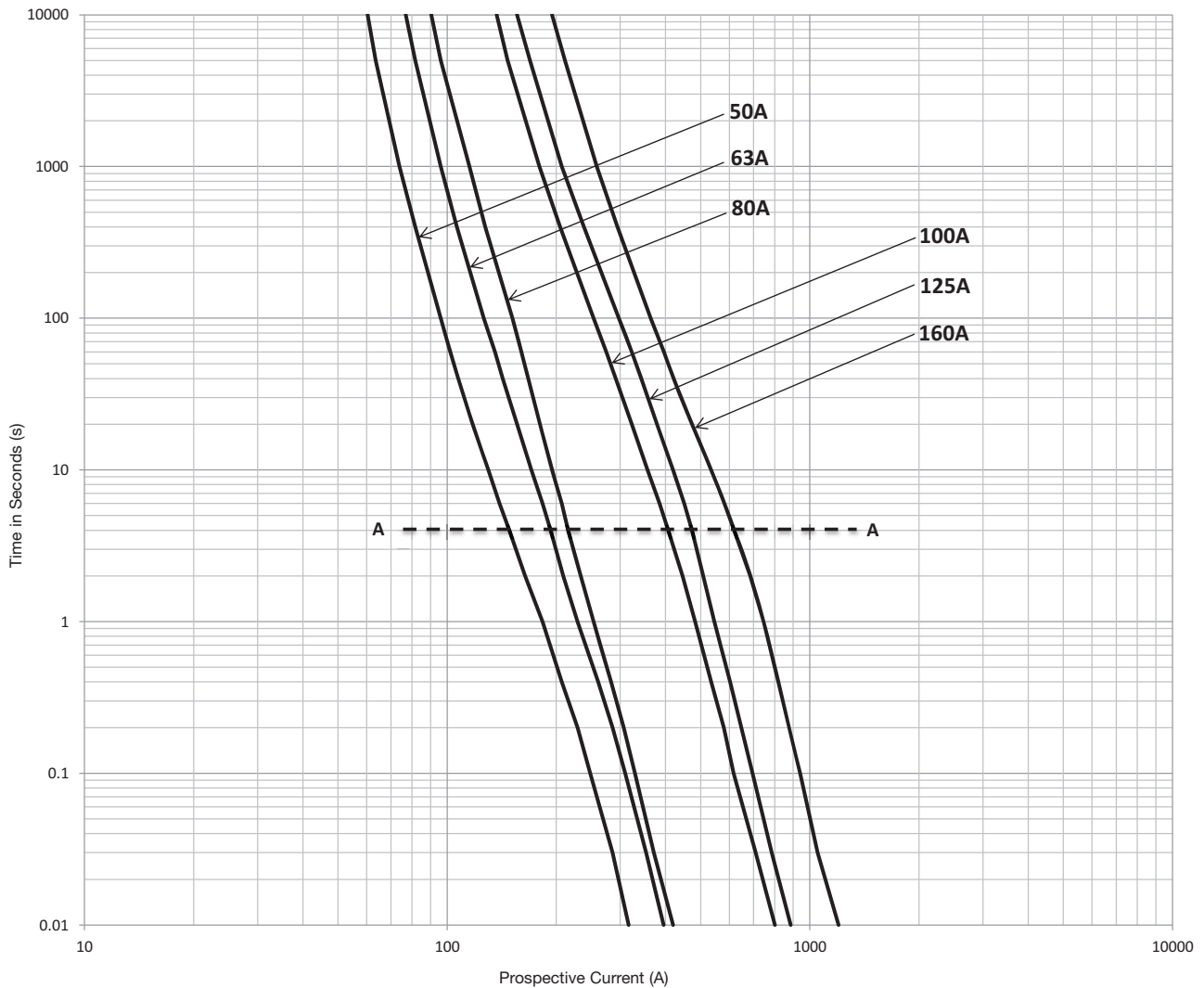
Technical Data

Part Number	Fuse Link Type	Fuse Link Size	Current Rating (Amps)	Energy Integrals I ² t (A ² s)		Watts Loss (W)	
				Pre-Arcing	Total at 750Vdc	0.8 I _n	I _n
170M2000	Flush End	1*	50	390	1300	15	27
170M2001			63	610	2050	18	35
170M2002			80	670	2250	19	37
170M2003			100	2450	8150	21	40
170M2004			125	2950	9800	24	47
170M2005			160	5500	18,250	29	56
170M2010	Flush End	3	450	65,700	272,300	46	87
170M2011			500	83,200	344,800	52	98
170M2012			550	136,700	566,500	67	126
170M2013			630	173,500	719,000	75	142
170M2014			700	268,000	1,110,500	78	156
170M2015			750	307,600	1,275,000	83	167
170M2016			800	349,900	1,450,000	89	178
170M2017			Parallel	23	1000	476,300	1,973,700
170M2018	1250	694,000			2,875,800	134	224
170M2019	1400	1,071,600			4,440,500	152	254
170M2020	1500	1,230,200			5,097,700	165	275
170M2021	1600	1,399,700			5,800,100	180	300

Size 1* = Size 1 Compact Size

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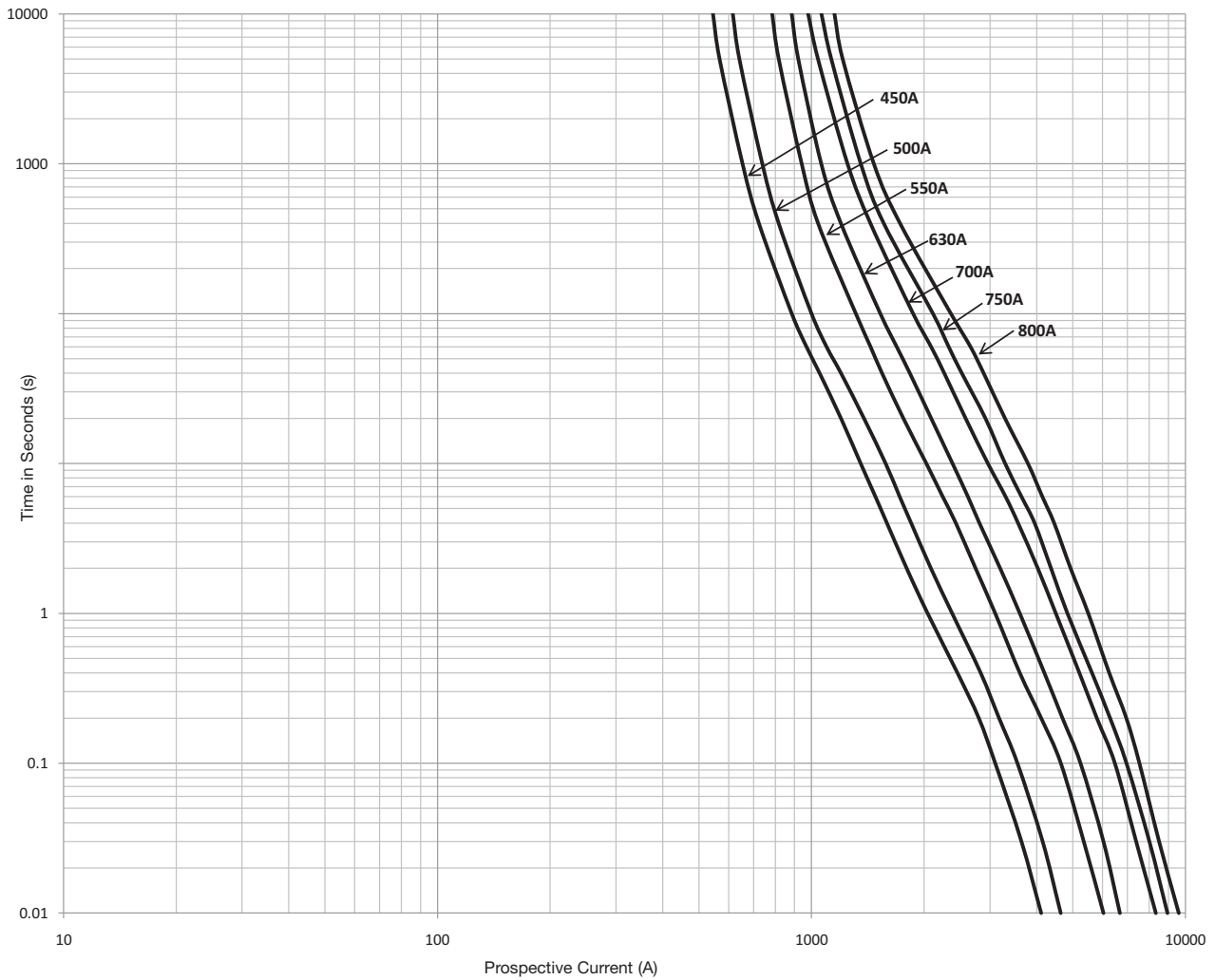
Time-Current Characteristics
170M2000 to 170M2005 - 50 to 160A - Flush End - Size 1*



Size 1* = Size 1 Compact Size

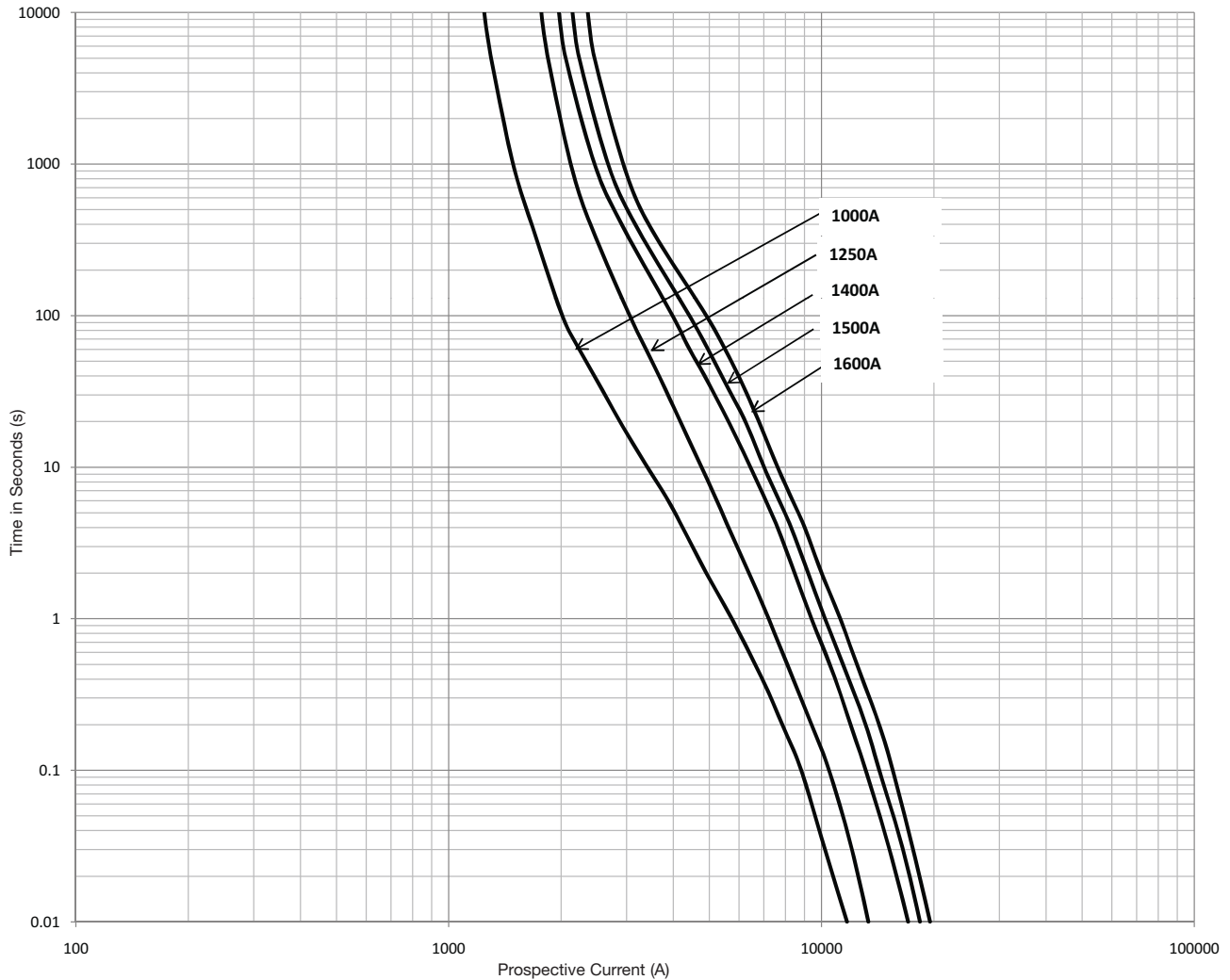
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50A to 1600A, 750Vdc

Time-Current Characteristics
170M2010 to 170M2016 - 450 to 800A - Flush End - Size 3



Size 1*, 3 and 23 Square Body High Speed Traction Fuse Links for Third Rail Applications
50A to 1600A, 750Vdc

Time-Current Characteristics
170M2017 to 170M2021 - 1000 to 1600A - Parallel - Size 23



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