

## Size 3 Square Body High Speed Traction Fuse Links for Third Rail Applications 100A to 400A, 2400Vdc

Catalogue Symbol: 170M2090 to 170M2096

Class of Operation: aR

Fuse Size: Size 3

Standards/Approvals: IEC 60269

Microswitch (optional): 170H0239 and 170H3030 (gold), Type K indicator  
6.3 x 0.8mm lugs, low operating voltage.



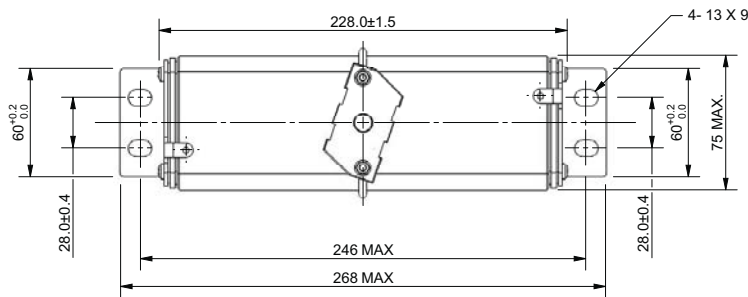
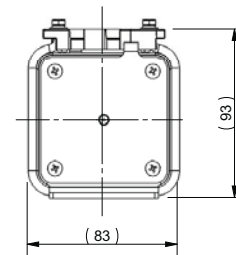
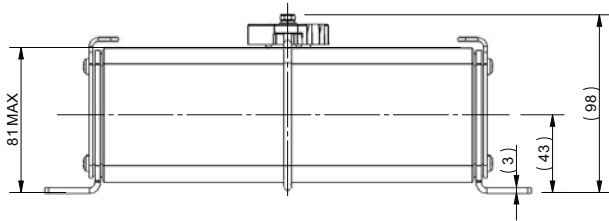
Description: A range of square body high speed traction fuse links for superior protection of DC third rail applications up to 2400Vdc.

Packaging: MOQ: 1  
Packaging 100% recyclable

Technical Data:  
Rated Voltage: 2400Vdc  
Rated Current/Mounting Method:  
100-400A, Size 3, Double Slot Tag  
Tested Breaking Capacity:  
100kA at 2400Vdc, L/R<15ms  
100kA at 2000Vdc, L/R < 45ms

### Dimensions - mm

170M2090 to 170M2096 - Double Slot Tag - 100 to 400A

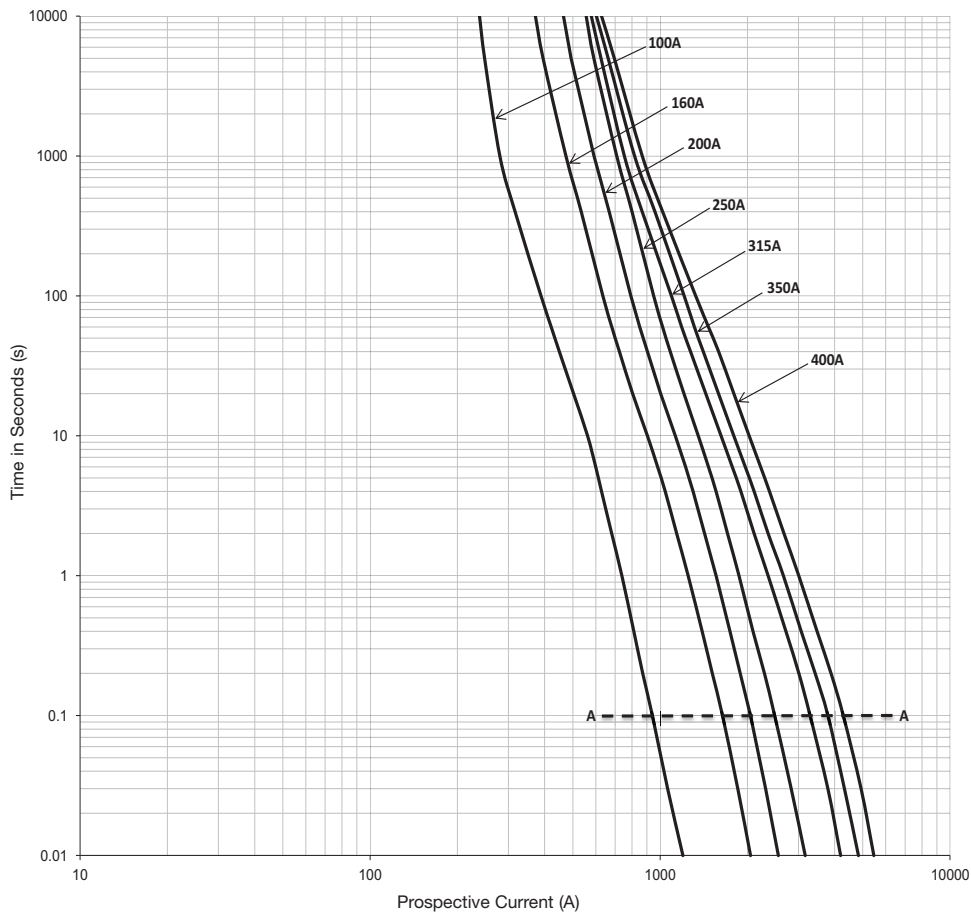


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### Technical Data

Part Number	Fuse Link Type	Fuse Link Size	Rated Voltage (Vdc)	Rated Current (Amps)	Energy Integrals I <sup>2</sup> t (A <sup>2</sup> s)		Watts Loss (W)	
					Pre-Arcing	Total at 2000Vdc	0.8 I <sub>n</sub>	I <sub>n</sub>
170M2090	Double Slot Tag	3	2400	100	5468	15,457	20	39
170M2091				160	16,427	46,439	43	84
170M2092				200	25,667	72,561	53	97
170M2093				250	36,960	104,488	60	103
170M2094				315	66,977	189,346	82	162
170M2095				350	87,480	247,309	89	175
170M2096				400	110,717	313,000	103	203

**Time-Current Characteristics**  
170M2090 to 170M2096, 100 to 400A, Double Slot Tag, Size 3



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