

Square Body Flush End Contact Size 04

1250V(IEC) 1400A-2500A

► Product picture



► Specifications

Description: Square body DIN 43 620 blade style high speed fuses.

Ratings:

Rated Volts: —1250V a.c(IEC)

Rated Amps: —1400A-2500A

Breaking Capacity: —125kA RMS Sym

Agency Information: CE, Designed and tested to IEC 60269: Part 4, UL Recognized.

► Features and Benefits

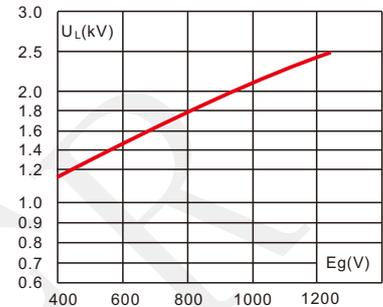
- Excellent current limiting
- Low arc voltage and low energy let-through(I^2t)
- Low watts loss
- Superior cycling ability

► Typical Applications

- Power converters/rectifiers
- Reduced voltage starters

► Arc Voltage

This curve gives the peak arc voltage, U_L , which may appear across the fuse during its operation as a function of the applied working voltage E_g , (rms) at a power factor of 15%.

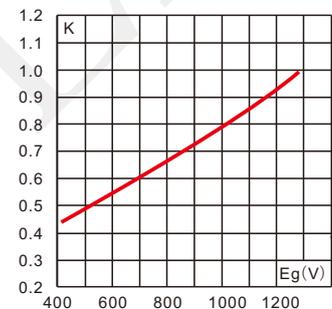


► Electrical

Characteristics

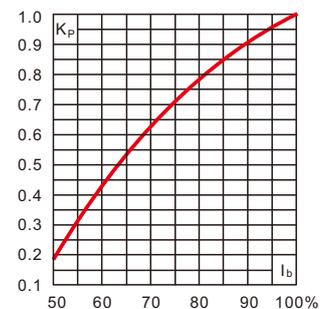
Total clearing I^2t

The total clearing I^2t at rated voltage and at power factor of 15% are given in the electrical characteristics. For other voltages, the clearing I^2t is found by multiplying by correction factor, K, given as a function of applied working voltage, E_g , (rms).



► Power Losses

Watts loss at rated current is given in the electrical characteristics. The curve allows the calculation of the power losses at load currents lower than the rated current. The correction factor, K_p , is given as a function of the RMS load current, I_b , in %



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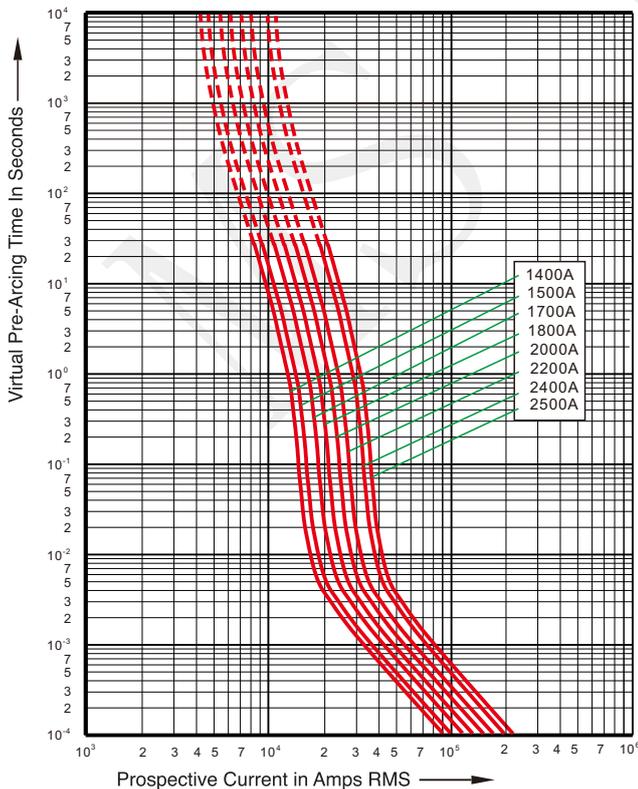
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▶ Catalog Numbers

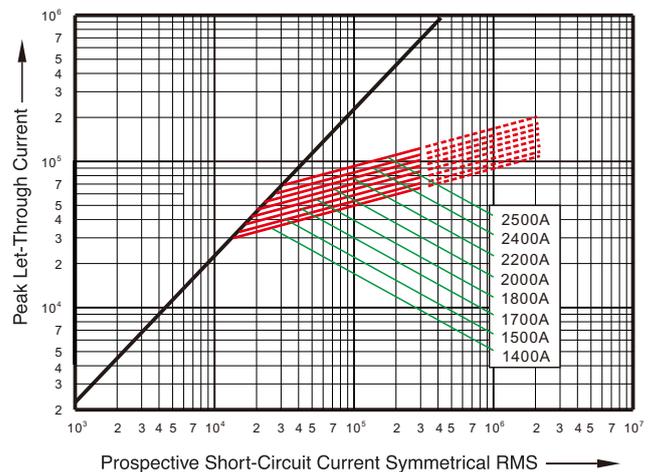
Catalog Numbers	Rated Voltage (V)	Rated Current (A)	I ² t (10 ³ A ² s)		watts Loss (W)
			Pre-arc	Operating	
H4F4L802U	1250	1400	875	5500	≤ 190
H4F4L803U	1250	1500	1089	6380	≤ 200
H4F4L804U	1250	1700	1510	8890	≤ 225
H4F4L805U	1250	1800	1730	11350	≤ 230
H4F4L806U	1250	2000	2280	15080	≤ 240
H4F4L807U	1250	2200	3240	19800	≤ 250
H4F4L808U	1250	2400	4010	25900	≤ 260
H4F4L809U	1250	2500	4800	29800	≤ 265

*Overall length is 91.4mm, for all other fuses the overall length is 82.4mm

▶ Time-Current Curve



▶ Peak Let-Through Curve



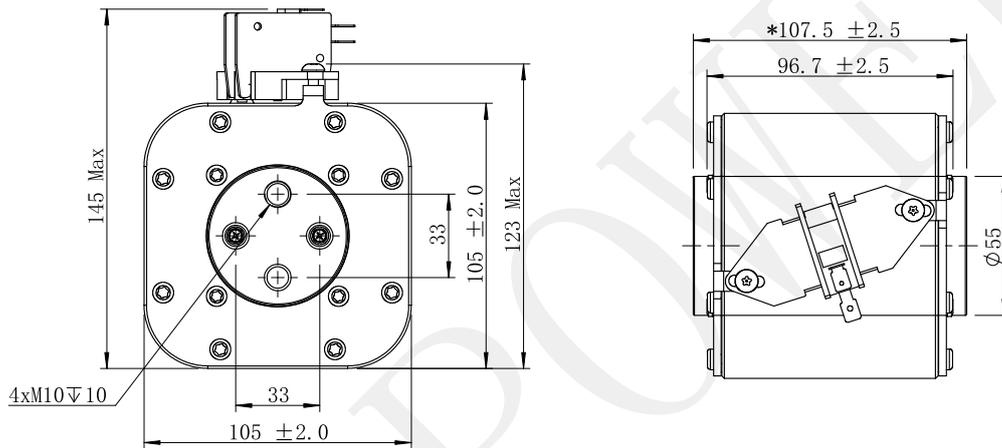
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► Outline

Dimensions(mm) 1mm=0.0394"/1"=25.4mm



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- to perform joint Risk and Quality Assessments;
- the conclusion of Quality Agreements;
- to establish joint measures of an ongoing product survey, and that we may make delivery depended on the realization of any such measures.

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