



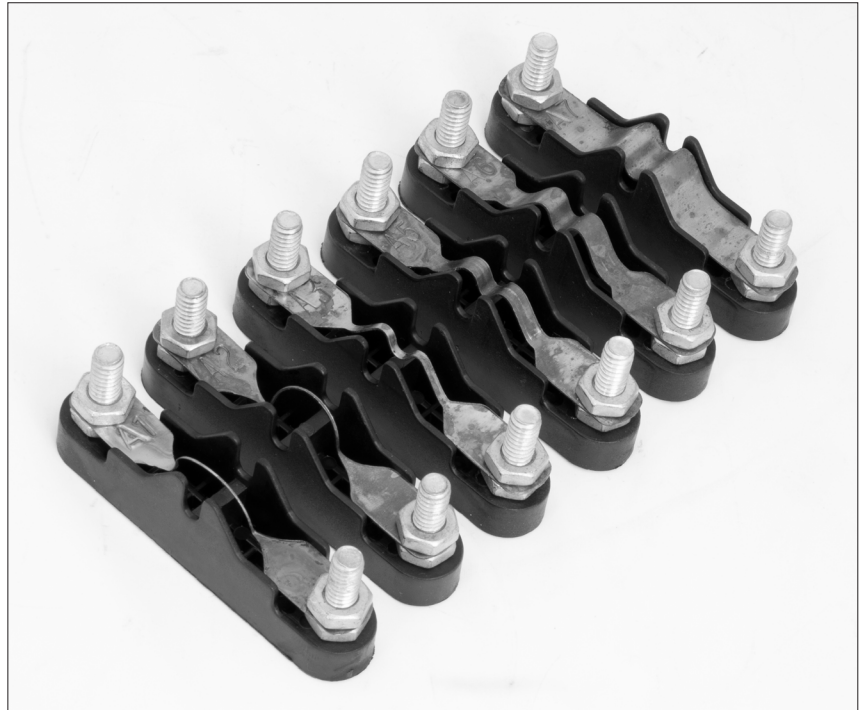
Howard Industries, Inc.
Certified to ISO 9001:2015



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10002179



Document No. 2-4-197



Isolation Link

For Series connection with Draw-Out Expulsion Fuses

Howard Industries isolation links are intended for use with draw-out expulsion fuses to provide additional protection during re-fusing operations. The internally-mounted isolation link will melt during a low impedance transformer fault and prevent line crews from re-energizing a failed transformer.

Isolation links are coordinated to operate at the high current levels experienced during a low impedance transformer fault. Isolation links do not have interrupting capability and must rely on a series-connected expulsion fuse for interruption of fault current.

Design

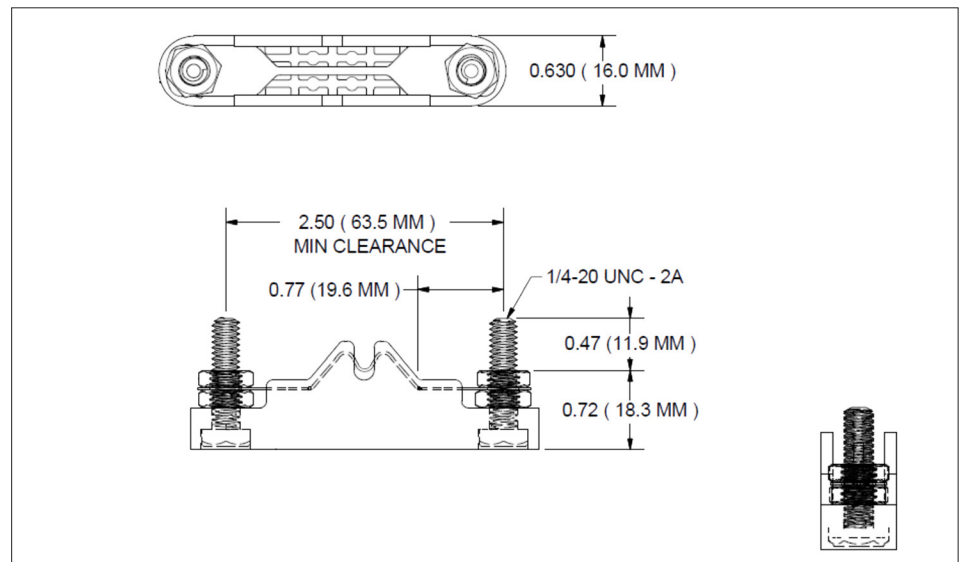
Howard Industries isolation links are designed to be bolted directly to the lower connection tab of the expulsion fuse holder without the necessity of removing any hardware, decreasing assembly time for the

transformer manufacturer. The design of the link body protects the link element from handling damage that can cause nuisance open circuits inside the transformer. Dupont's Zytel® HTN polymer was chosen as the molding compound for its excellent mechanical strength and thermal characteristics.

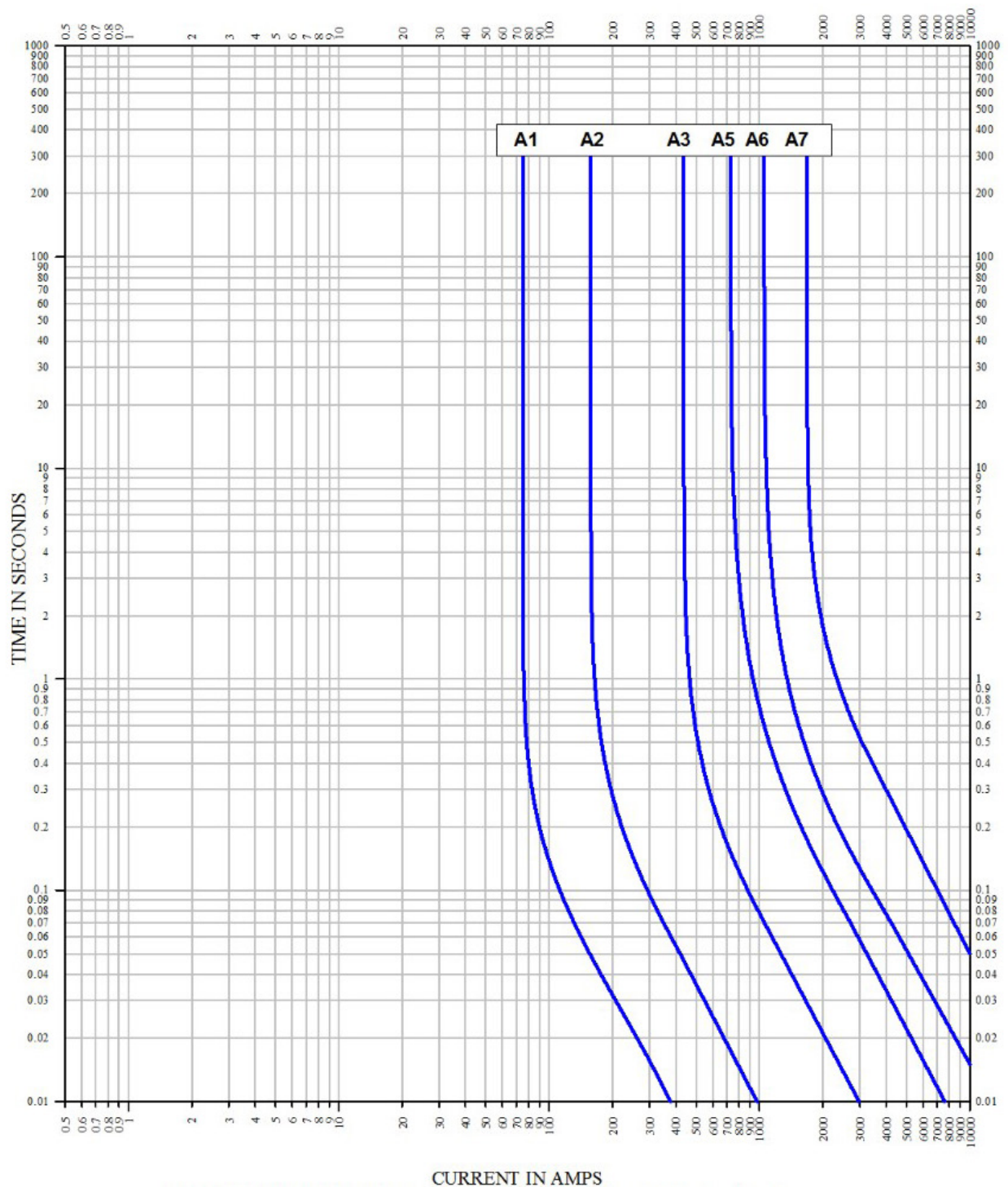
Zytel® is compatible with mineral oil, seed-based vegetable oil, silicone, and R-Temp® fluids.

Ordering Information

To select the proper isolation link, refer to Page 2 for time-current characteristic curves and cross reference chart.



Howard Industries Isolation Link
 Minimum Melting Time-Current Characteristic Curves
 (Isolation links were tested in transformer oil at 25° C)



ISOLATION LINKS WERE TESTED IN TRANSFORMER OIL AT 25 DEGREES CELSIUS.

ISOLATION LINK CROSS REFERENCE		
CURVE #	HOWARD INDUSTRIES PART #	COOPER POWER SYSTEMS PART #
A1	0066-002812-811	3001861A01
A2	0066-002812-812	3001861A02
A3	0066-002812-813	3001861A03
A5	0066-002812-815	3001861A05
A6	0066-002812-816	3001861A06
A7	0066-002812-817	3001861A07