

ECI BAYONET FUSE LINK and ECI - COOPER FUSE LINK CROSS-REFERENCE
AND ISOLATION LINK CORRELATION

BAYONET FUSE LINKS:

Two types of fuse elements are available; a FAULT SENSING fuse (catalog numbers 9F54MFC---) and a LOAD SENSING fuse (catalog numbers 9F54LFC---). The fault sensing fuse is sensitive to current only and offers protection to the primary circuit from transformer faults. The load sensing fuse is sensitive to both current and oil temperature, thus providing both secondary protection and transformer protection. ECI no longer manufactures the Bayonet Fuseholder Assembly. (See Notes 1 and 2.)

ECI Fuse Link Catalog Number	ECI Isolation Link Catalog Number	Cooper Fuse Catalog Number (1)	Curve Number (2) for Bayonet Fuses	Ampere Rating for Bayonet Fuses
Fault Sensing Fuse Links				
9F54MFC060	7580ZB0299	353C06	C06	10
9F54MFC080	7580ZB0399	353C08	C08	15
9F54MFC100	7580ZB0499	353C10	C10	25
9F54MFC120	7580ZB0499	353C12	C12	40
9F54MFC140	7580ZB0499	353C14	C14	65
9F54MFC160	7580ZB0599	353C16	C16	100
9F54MFC170	7580ZB0599	353C17	C17	140
Load Sensing Fuse Links				
9F54LFC030	7580ZB0299	358C03	C03	3
9F54LFC050	7580ZB0399	358C05	C05	8
9F54LFC080	7580ZB0499	358C08	C08	15
9F54LFC100	7580ZB0599	358C10	C10	25
9F54LFC120	7580ZB0699	358C12	C12	50

Notes:

- (1) ECI and Cooper bayonet fuse links are electrically and mechanically interchangeable.
- (2) ECI and Cooper bayonet fuse link time-current curves are essentially identical and have the same curve numbers.

Isolation Link

All transformers equipped with a BAYONET fuse should also be equipped with an isolation link, as a safety feature. The isolation link is connected in series with the fuse and its purpose is to minimize the possibility of an operator closing in on a fault that is beyond the rated interrupting capability of the fuse element. Proper coordination between the isolation link and the fuse element is required.

Consult the Isolation link correlation chart above for the proper coordination between fuse element and isolation link.