

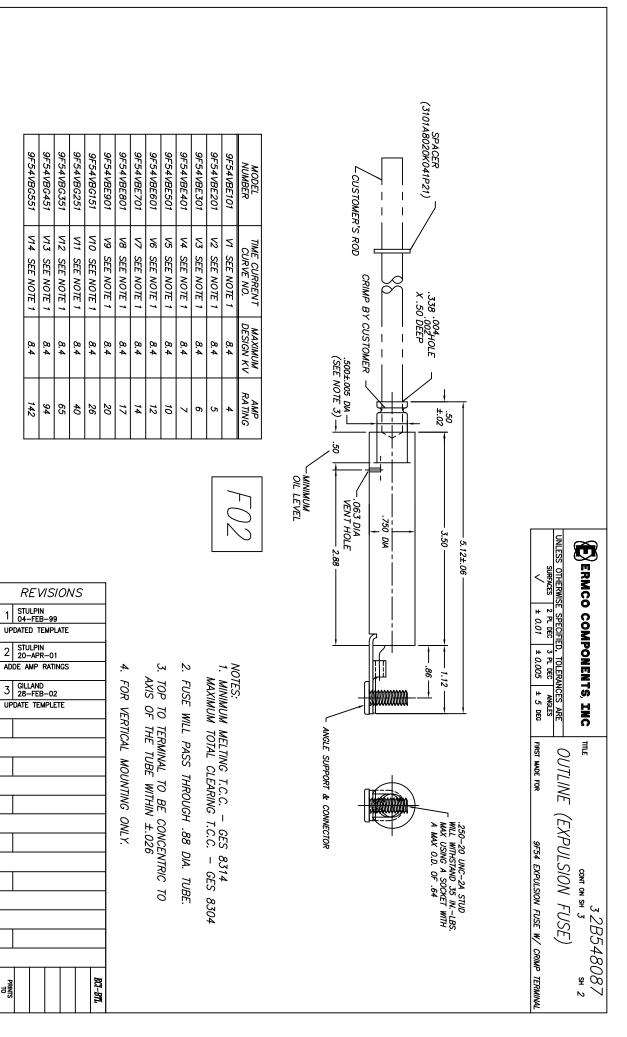
ISSUED BY: R. GILLAND 28-FEB-02 MADE BY: K. Carroll 02-July-97 ECN #R99

APPROVAL

HICKORY ERMCO

32B548087 SH 2

PRINTS TO



9F54VBG552 9F54VBG452 9F54VBG252

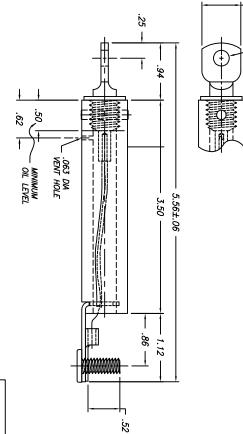
V11 SEE NOTE 1 VIO SEE NOTE 1

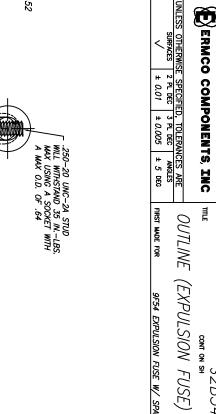
9F54VBG352

V12 SEE NOTE 1 V14 SEE NOTE 1

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9F54 EXPULSION FUSE W/ SPADE TERMINAL

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MAXIMUM DESIGN KV

AMP RATING

NOTES: 1. MINIMUM MELTING T.C.C. — GES 8314 MAXIMUM TOTAL CLEARING T.C.C. — GES 8304

2. FUSE WILL PASS THROUGH .88 DIA. TUBE.

3. TOP TO TERMINAL TO BE CONCENTRIC TO AXIS OF THE TUBE WITHIN $\pm .026$

4. FOR VERTICAL MOUNTING ONLY.

9F54VBE802 9F54VBE702

V7 SEE NOTE 1
V8 SEE NOTE 1

9F54VBE902

V9 SEE NOTE 1

26 20 40

7 14 12 10

9F54VBG152

9F54VBE502

9F54VBE402 9F54VBE302 9F54VBE202

V3 SEE NOTE 1

V2 SEE NOTE 1 V1 SEE NOTE 1 TIME CURRENT CURVE NO.

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6 Ŋ 9F54VBE102

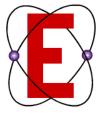
9F54VBE602

V6 SEE NOTE 1 V5 SEE NOTE 1 V4 SEE NOTE 1

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|---------------------------------|---|------------------------|----------|
| ISSUED BY: S. STULPIN 20-APR-01 | MADE BY: K. Carroll 02-July-97 ECN #R99 | REVISION. | <u>S</u> |
| | | 1 STULPIN 04-FEB-99 | |
| | | UPDATED TEMPLATE | |
| | | 2 STULPIN 20-APR-01 | |
| | | ADDED AMP RATINGS | |
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Bushing Fuse 8.3kV and 15kV

ECI, ERMCO Components Inc.

1607 Industrial Road Greeneville, TN 37745

Phone: 423-638-2302 Toll Free: 877-267-1855

Fax: 423-638-9380

ERMCO Components Incorporated manufactures the 8.3kV/15kV oil-immersed expulsion fuses for mounting on distribution transformer bushings. These weak link fuses are designed for application in the primary circuit of a distribution transformer. The purpose of the weak link fuse is to protect the power system from a faulty distribution transformer by isolating it from the system. Note one catalog number is applicable for both 8.3kV and 15kV Systems.

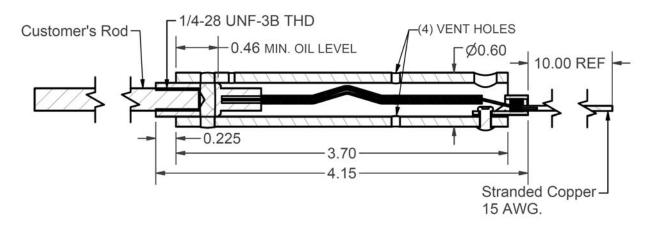


Figure 1. Outline drawing of the 8.3kV/15kV Oil-Immersed Weak Link Bushing Mounted Fuses

Dimensions of the bushing mounted oilimmersed expulsion fuses are shown in figure 1 above.

Time-Current Characteristics are shown in separate graphs available upon request from your ERMCO Components Inc. representative.

Minimum Melting TCC ----- GES 8314 Maximum Total Clearing TCC --- GES 8304

| | | Max Interrupting Rating (asym. rms amps) | | | |
|-----------------------|-----------|--|---------|-------|------|
| Catalog Ser number | ries @ 8. | 3 KV | @ 15 KV | Curve | Amps |
| 9F54VDE10 | 04 350 | 00 | 2000 | V1 | 4 |
| 9F54VDE20 | 04 350 | 00 | 2000 | V2 | 5 |
| 9F54VDE30 | 04 350 | 00 | 2000 | V3 | 6 |
| 9F54VDE40 | 04 350 | 00 | 2000 | V4 | 7 |
| 9F54VDE50 | 04 350 | 00 | 2000 | V5 | 10 |
| 9F54VDE60 | 04 350 | 00 | 2000 | V6 | 12 |
| 9F54VDE70 | 04 350 | 00 | 2000 | V7 | 14 |
| 9F54VDE80 | 04 200 | 00 | 2000 | V8 | 17 |
| 9F54VDE90 | 04 200 | 00 | 2000 | V9 | 20 |

Table 1. Oil-Immersed Bushing Mounted Expulsion Fuse interrupting capability, current rating, and Time Current Curves

This Product Bulletin is not intended to cover all details regarding the equipment discussed. If additional information is required please contact ERMCO Components Inc. at the address indicated above.

ISSUED BY: S.

STULPIN 20-APR-01

CONT ON SH 2

3 2B548091

TO RRING

ADDED AMP RATINGS

BCI-BTL

