

13 Pulse transformer unit (LA102800)

R47 in series with R46 is used to calibrate external field CT Rfb. See 7.2.1. T178 and T82

Connect to PL/XD terminals (Pt unit 171 to PL/XD 71) etc.

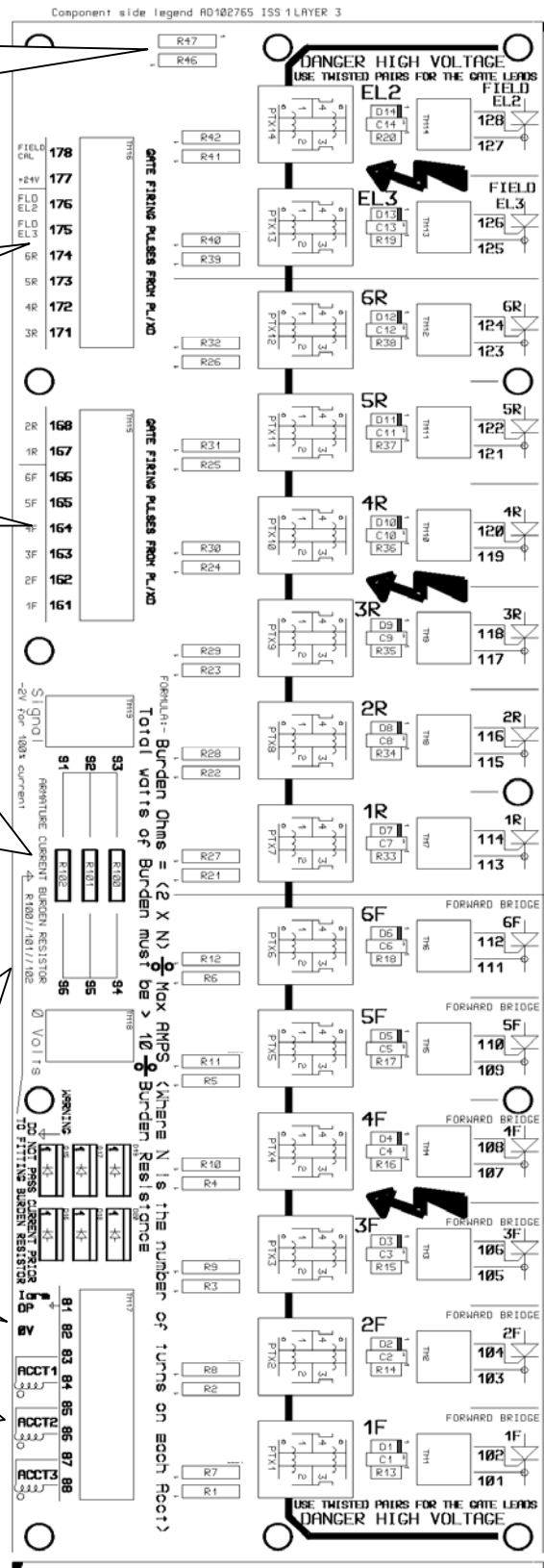
Connect to PL/XD terminals (Pt unit 161 to PL/XD 61) etc.

Calculate burden resistance and connect parallel combination resistors to terminals.
(T93 - R100 - T94)
(T92 - R101 - T95)
(T91 - R102 - T96)

Burden Ohms:- Rb.
 $R_b = (2 \times N) \div \text{Max AMPS}$
(N is the Acct turns).
Eg. Acct turns 4000
MAX AMPS is 2000.
 $R_b = 8000/2000 = 4$
Rb watts must be at least $20 / R_b$.
In this case 5 Watts

Current feedback signal on T81/82

Connect 3 Accts to terminals.
Acct1 to T83/84
Acct2 to T85/86
Acct3 to T87/88.
Observe orientation.



Gate drive outputs for external field. 0.4 Amps

Gate drive outputs for Reverse bridge. 1R to 6R. 1.2 Amps

Gate drive outputs for Forward bridge. 1F to 6F. 1.2 Amps