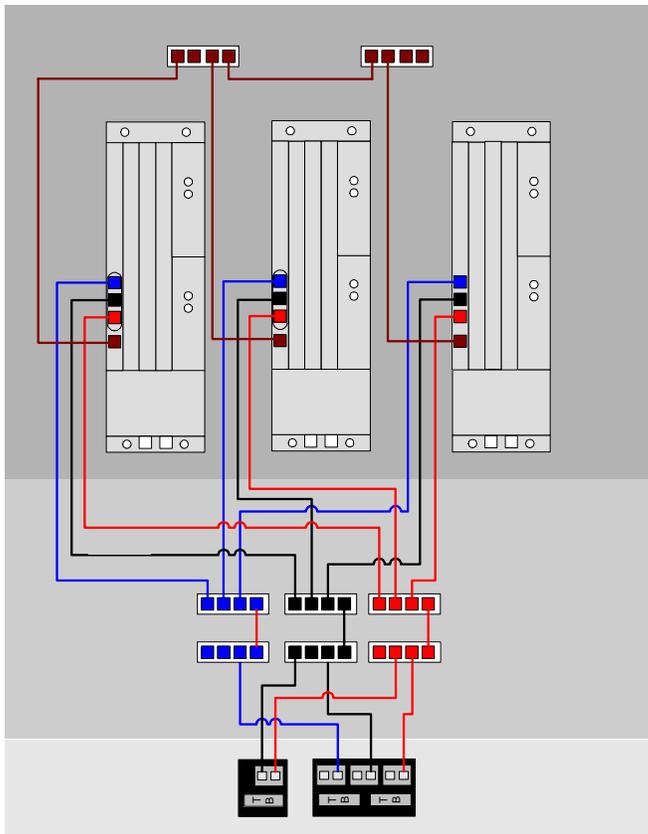


GE Energy

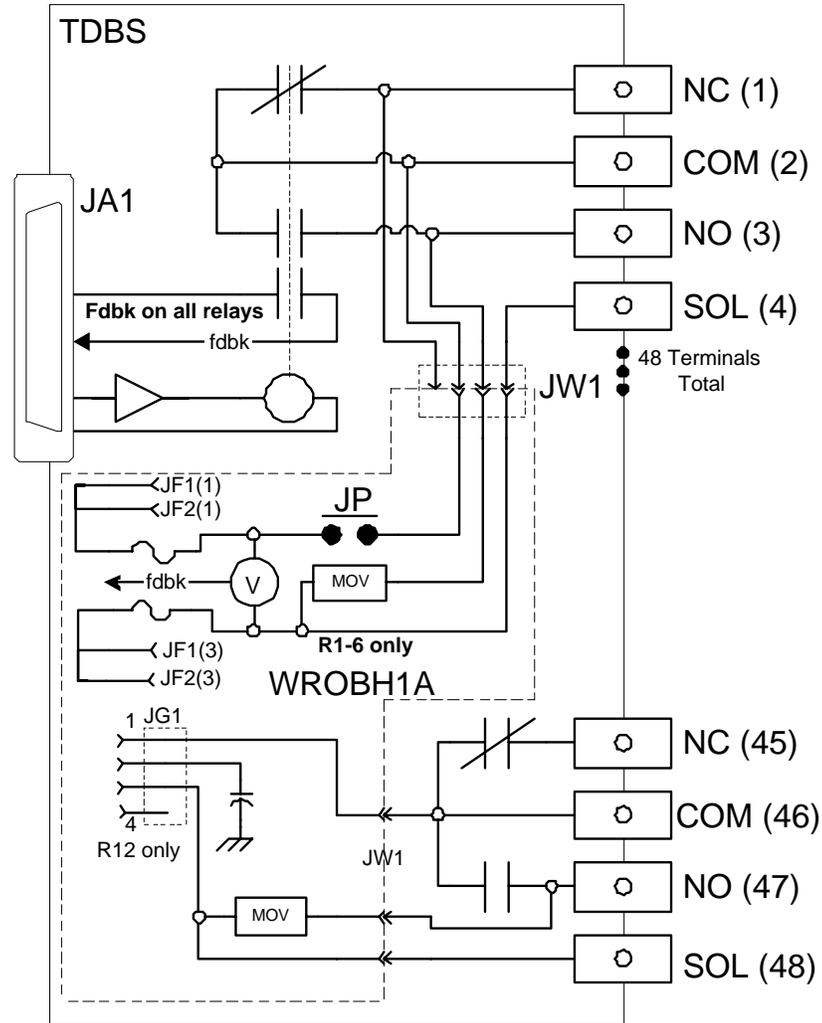
Mark* V1e Control System Guide, Volume II

GEH-6721G



TDBS +WROB

Option board IS200WROBH1A adds capability to TDBS to yield a combination that has the same relay circuit functionality as an IS200TRLYH1B terminal board when used simplex. Included are fused sensed power distribution to the first six relays and dedicated power to the last relay. Electrically IS200TDBS plus IS200WROBH1 has the following circuit. IS200WROBH1 has default fuse values of 3.15 A. Connector JW2 and its connections to JA1 are omitted for clarity.



Both sides of the power distribution on relays 1-6 are fused allowing the board to be used in systems where dc power is floating with respect to earth. Fuse voltage feedback is compatible with 24 V, 48 V, and 125 V dc applications as well as 120 V and 240 V ac applications.

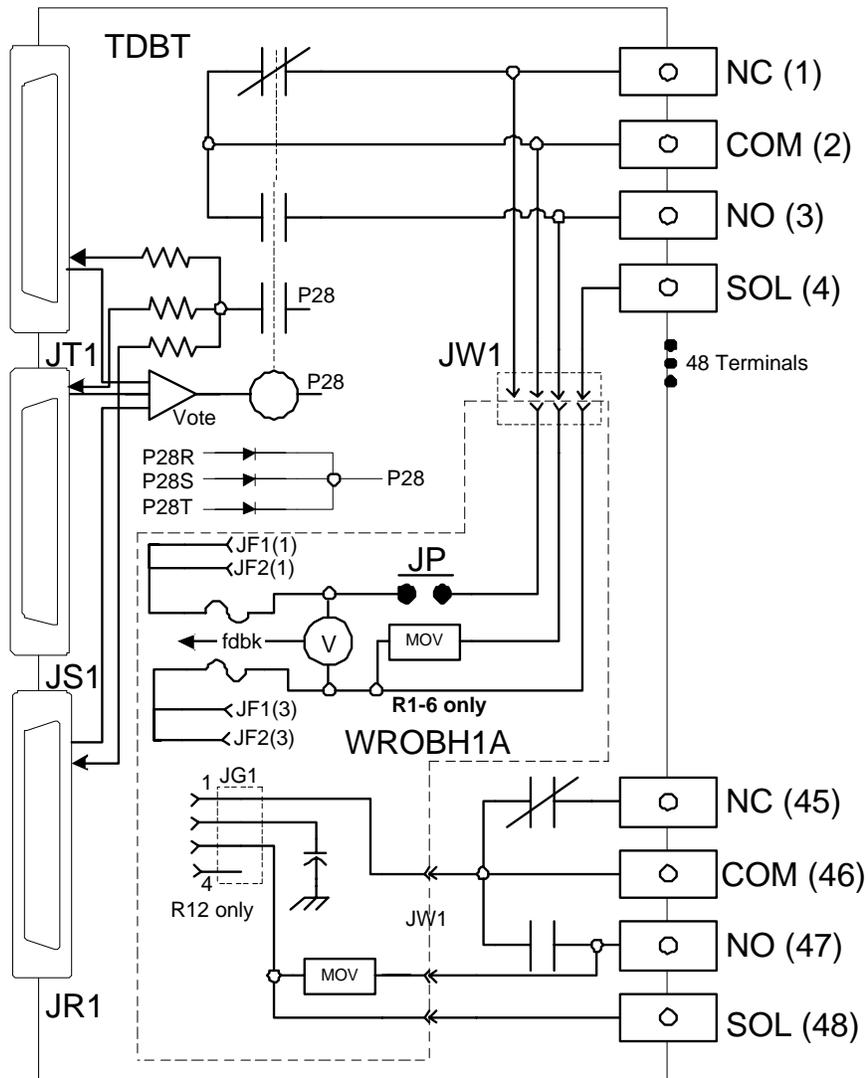
The following table lists the relationship between fuses, jumpers, relays, and terminals.

Relay	+Fuse	-Fuse	Jumper	Terminals
1	FU7	FU1	JP1	1-4
2	FU8	FU2	JP2	5-8
3	FU9	FU3	JP3	9-12
4	FU10	FU4	JP4	13-16
5	FU11	FU5	JP5	17-20
6	FU12	FU6	JP6	21-24

Without an option board, the SOL terminal associated with each relay has no connection. TDBT is designed to support a current rating of 5 A and voltage clearance greater than is needed for 250 V ac on all customer screw and JW1 circuits. The relay contact rating is the limiting item for each application.

TDBT +WROB

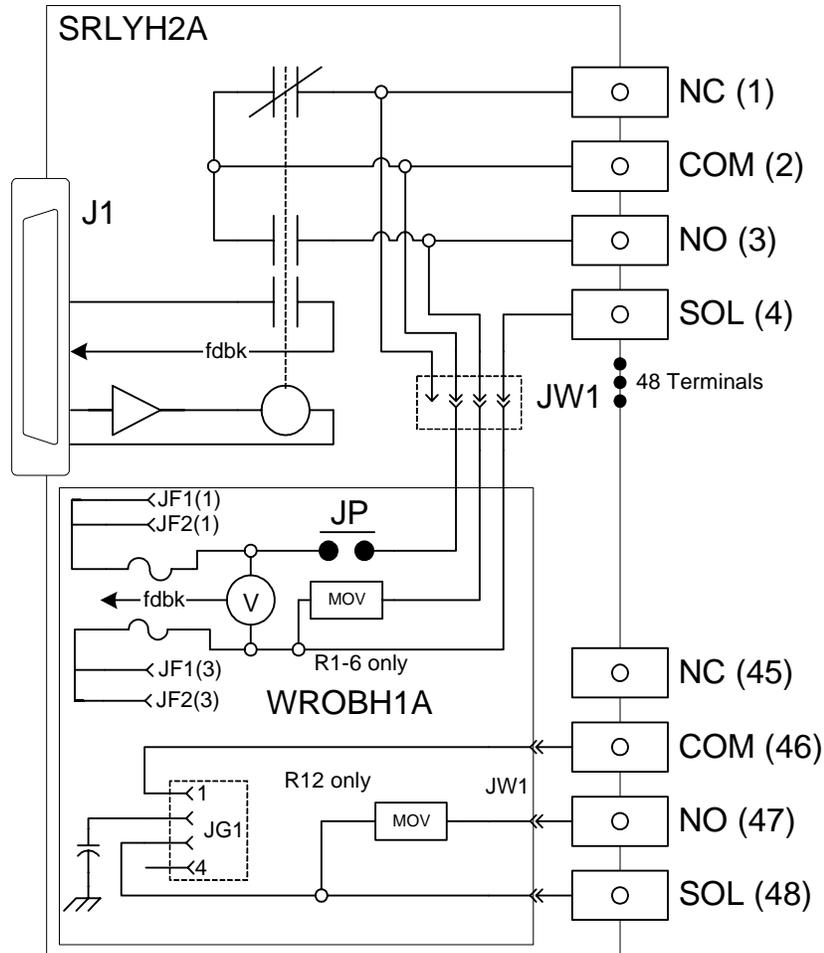
Option board IS200WROBH1A adds capability to TDBT to yield a combination that has the same relay circuit functionality as an IS200TRLYH1B terminal board when used in a TMR system. Included are fused sensed power distribution to the first six relay contacts and dedicated power to the last relay contact. Electrically IS200TDBT plus IS200WROBH1 has the following circuit. IS200WROBH1 has default fuse values of 3.15 A. Connector JW2 and its connections to J1 are omitted for clarity.



Both sides of the power distribution on relays 1-6 are fused allowing the board to be used in systems where dc power is floating with respect to earth. Fuse voltage feedback is compatible with 24 V, 48 V, and 125 V dc applications as well as 120 V and 240 V ac applications.

SRLY + WROB

Option board IS200WROBH1A adds capability to SRLYH2 to yield a combination that has the same functionality as an IS200TRLYH1B terminal board when used simplex. Included are fused sensed power distribution to the first six relays and dedicated power to the last relay. Electrically IS200SRLYH2 plus IS200WROBH1 has the following circuit. IS200WROBH1 has default fuse values of 3.15 A. Connector JW2 and its connections to J1 are omitted for clarity.



Both sides of the power distribution on relays 1-6 are fused allowing the board to be used in systems where dc power is floating with respect to earth. Fuse voltage feedback is compatible with 24 V, 48 V, and 125 V dc applications as well as 120 V and 240 V ac applications.

The following table lists the relationship between fuses, jumpers, relays, and terminals.

Relay	+Fuse	-Fuse	Jumper	Terminals
1	FU7	FU1	JP1	1-4
2	FU8	FU2	JP2	5-8
3	FU9	FU3	JP3	9-12
4	FU10	FU4	JP4	13-16
5	FU11	FU5	JP5	17-20
6	FU12	FU6	JP6	21-24