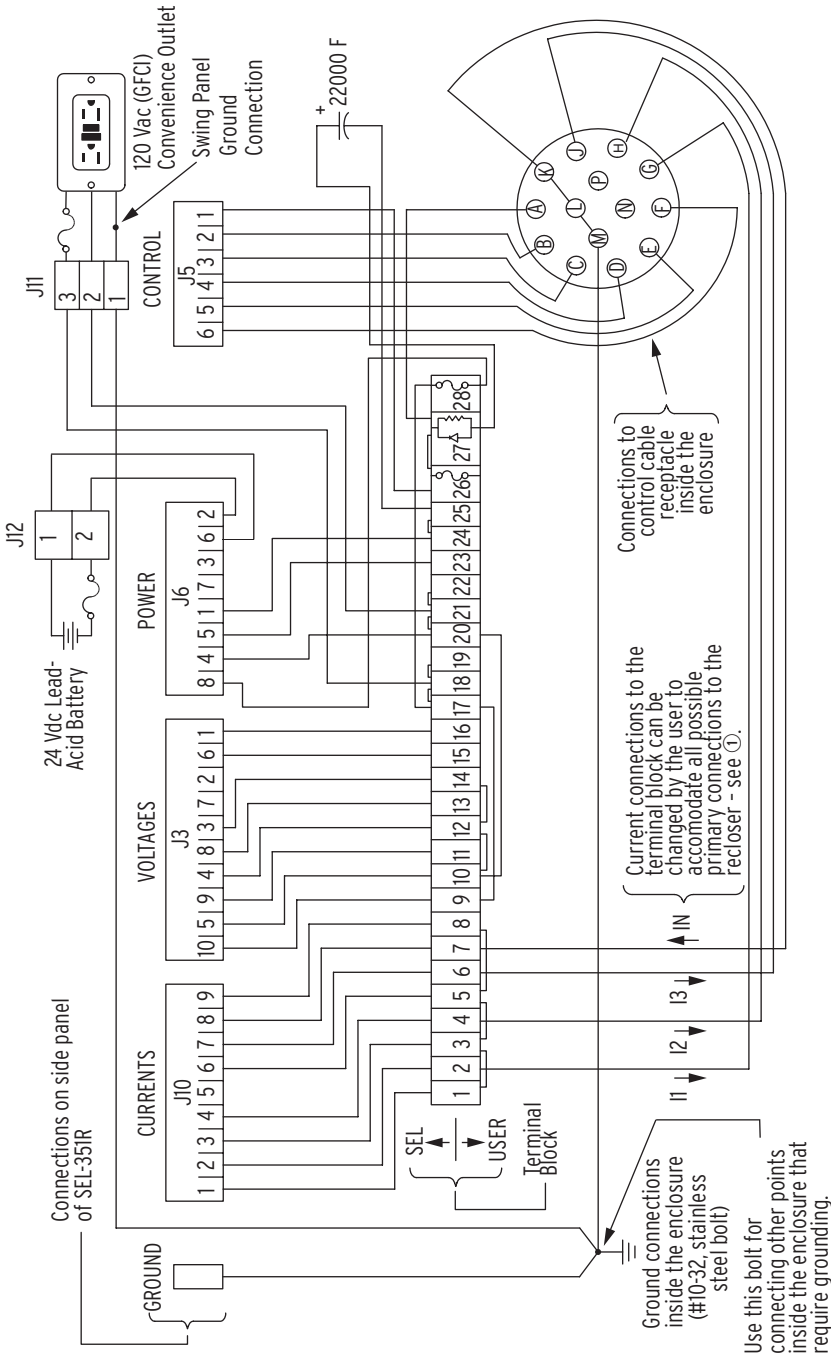

① See Figure 1.15.

Figure 1.13 SEL-351R Recloser Control Factory-Installed Wiring Inside the Enclosure

Detail 4: Current Polarity/ Recloser Primary Connections

The SEL-351R has three current inputs I1, I2, and I3 for terminal connections. Wiring to the power system current transformer connections can be random, but correct power system "A-B-C" designation is still needed within the SEL-351R algorithms. EZ or equivalent Global settings define how the transition occurs between the power system wiring and the SEL-351R Recloser Control algorithms. The SEL-351R can accommodate different power system relay phase assignments by rewiring or settings.

The factory default settings connect power system currents IA, IB, and IC to relay terminals I1, I2, and I3, respectively as shown in *Figure 1.14*.

Use EZ Setting #45 (see *Table 4.3*) as noted in *Figure 1.15* to accommodate other power system connections (or change settings IPCONN and CTPOL to transition the power system "A-B-C" designation to the SEL-351R Recloser Control algorithm). See *Section 9: Current and Voltage Connection Settings* in the SEL-351R *Recloser Control Instruction Manual* for more details.

SEL-351R

FACTORY CONNECTIONS

All the connections shown inside the SEL-351R in Figure 1.14 are factory made. Only the current connections from the control cable receptacle to the user-side of the terminal block can be changed–see Figure 1.15.

RECLOSER PRIMARY CONNECTIONS

Traditional connections are assumed for primary currents I_A-I_B-I_C into recloser source-side bushing 1-3-5, respectively, in Figure 1.14. Figure 1.15 describes all other possible connections.

PHASE ROTATION IS A SEPARATE ISSUE

Figure 1.14 and Figure 1.15 address current polarity and recloser primary connections, not phase rotation.

Phase rotation is handled with the Phase Rotation setting in Table 4.3 and in Settings Descriptions on page 4.6.

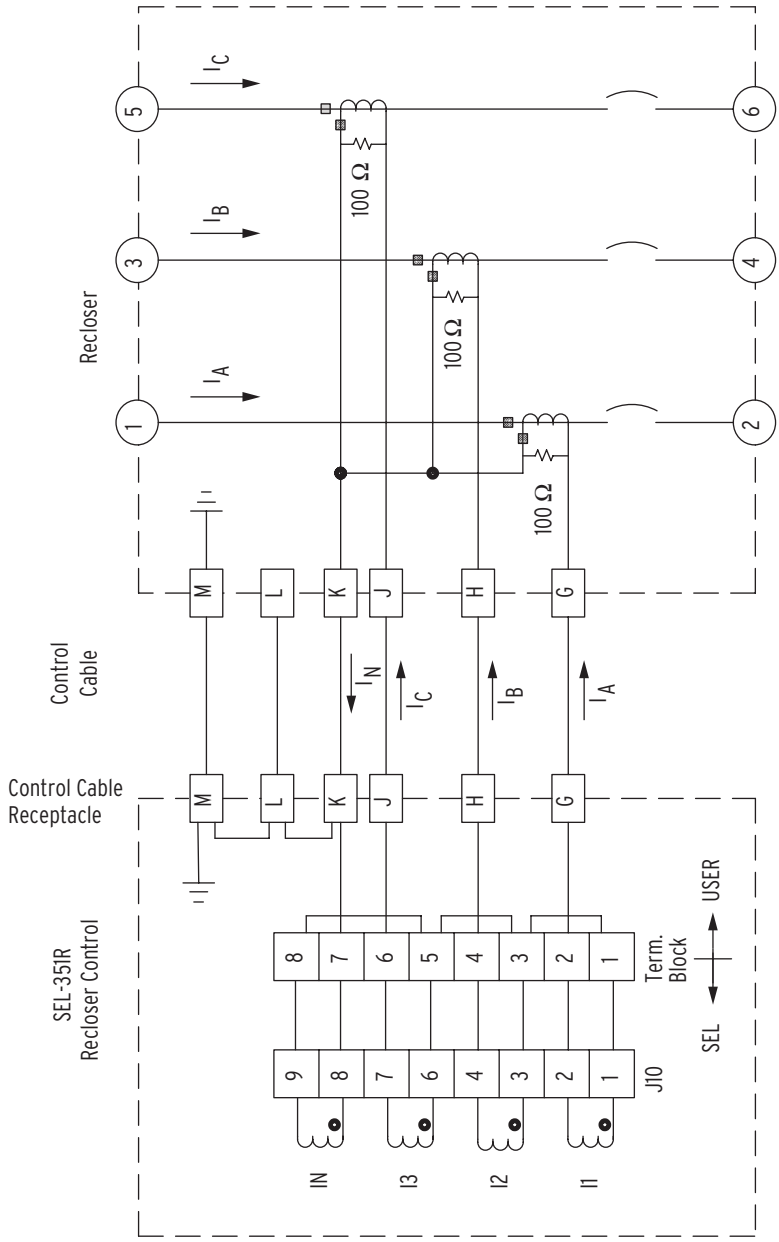

Figure 1.14 Current Polarity From Recloser Primary to SEL-351R Recloser Control Current Inputs