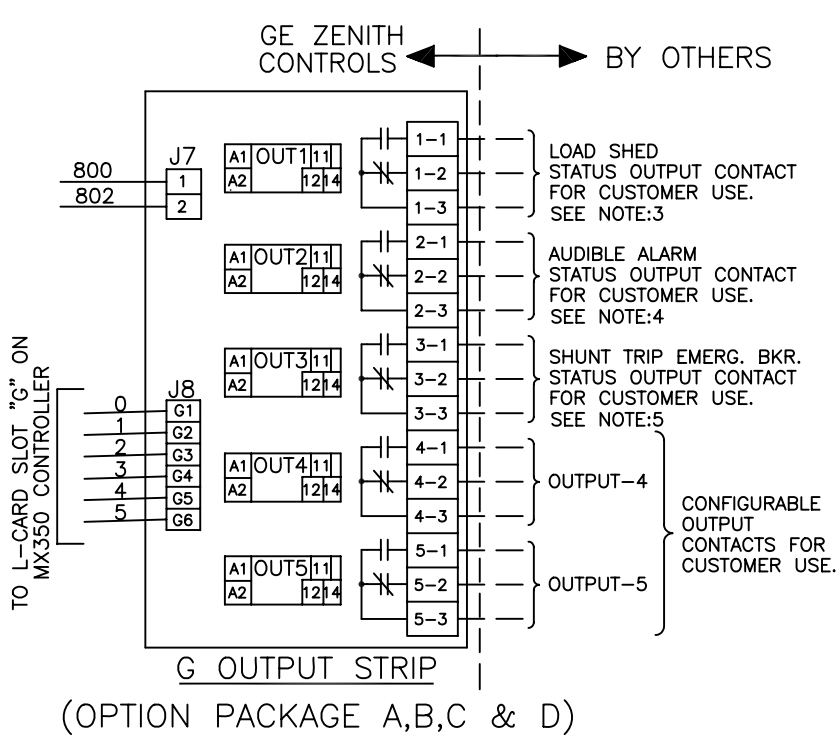


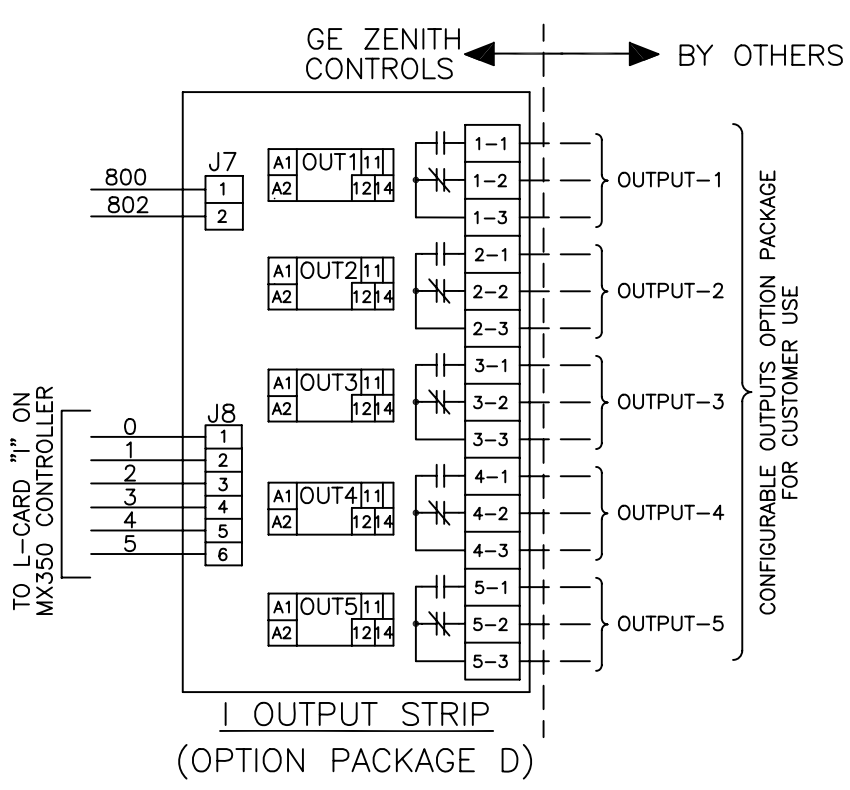
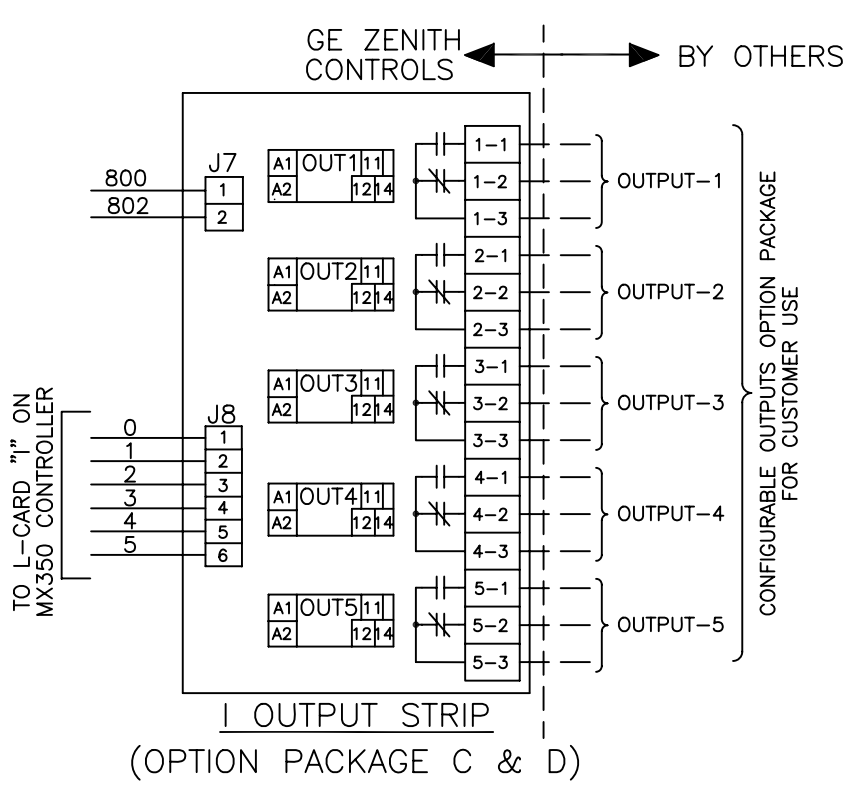
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	S	ESTABLISHED DWG	03/03/08 CEE CEE

CUSTOMER WIRING CONNECTION DETAILS



USER-CONFIGURABLE OUTPUTS

- COMMON ALARM (ANY ALARM ACTIVE) - (ALM)
- SELF DIAGNOSTIC ALARM -(DIAG)
- SWITCH EXERCISING -(EXC)
- CONTROL DISCONNECT SWITCH IN INHIBIT POSITION -(DS)
- ATS NOT IN AUTO MODE -(NIA)
- FAIL TO TRANSFER TO SOURCE 1 ALARM -(FTS1)
- FAIL TO TRANSFER TO SOURCE 2 ALARM -(FTS2)
- ENGINE START SIGNAL ACTIVE -(ESS)
- SOURCE 1 FAILURE -(A1)
- SOURCE 2 FAILURE -(A1E)
- CONNECTED TO SOURCE 1 -(A4)
- CONNECTED TO SOURCE 2 -(A3)
- CONNECTED TO CENTER/NEUTRAL -(A34N) (DELAY TYPE ONLY)
- BYPASS ATS ON SOURCE 1 -(AB4)
- BYPASS ATS ON SOURCE 2 -(AB3)
- PROGRAMMABLE LOAD CONTROL RELAY #1 -(LC1)
- PROGRAMMABLE LOAD CONTROL RELAY #2 -(LC2)
- PROGRAMMABLE LOAD CONTROL RELAY #3 -(LC3)
- PROGRAMMABLE LOAD CONTROL RELAY #4 -(LC4)
- PROGRAMMABLE LOAD CONTROL RELAY #5 -(LC5)
- PROGRAMMABLE LOAD CONTROL RELAY #6 -(LC6)
- AUTO LOAD SHED ACTIVE -(ALS) (SIGNAL TO SHUNT TRIP DOWNSTREAM LOAD/S)
- TRANSFER TO SOURCE 2 ALARM -(CTAP)
- USER CONFIGURATION DIGITAL ALARMS -(CCAD-X) UP TO QTY. 10
- LOW PF ALARM -(LLPFA)
- SOURCE 1 HIGH VOLTS THD% ALARM -(VTHDS1)
- SOURCE 2 HIGH VOLTS THD% ALARM -(VTHDS2)
- CURRENT HIGH THD% ALARM -(ITHD)
- KW OVERLOAD ALARM -(LOKWA)
- OVERCURRENT (PHASE A) -(51A)
- OVERCURRENT (PHASE B) -(51B)
- OVERCURRENT (PHASE C) -(51C)
- OVERCURRENT (PHASE N) -(51N)
- SOURCE 1 VOLTAGE IMBALANCE ALARM -(VIAS1)
- SOURCE 2 VOLTAGE IMBALANCE ALARM -(VIAS2)
- CURRENT IMBALANCE ALARM -(CIA)
- AUTO TRANSFER OCCURED SOURCE 1 TO SOURCE 2 -(ATS2)
- AUTO TRANSFER OCCURED SOURCE 2 TO SOURCE 1 -(ATS1)
- MANUAL TRANSFER TO SOURCE 2 FROM SOURCE 1 OCCURED -(MTS2S1)
- MANUAL TRANSFER TO SOURCE 1 FROM SOURCE 2 OCCURED -(MTS1S2)
- INHIBIT TRANSFER TO SOURCE 1 -(Q7)
- INHIBIT TRANSFER TO SOURCE 2 -(Q3)
- SOURCE 1 UNDERVOLTAGE -(UVS1)
- SOURCE 2 UNDERVOLTAGE -(UVS2)
- SOURCE 1 OVERVOLTAGE -(OVS1)
- SOURCE 2 OVERVOLTAGE -(OVS2)
- SOURCE 1 UNDERFREQUENCY -(UFS1)
- SOURCE 2 UNDERFREQUENCY -(UFS2)
- SOURCE 1 OVERFREQUENCY -(OFS1)
- SOURCE 2 OVERFREQUENCY -(OFS2)



NOTES:

1. COMPONENTS DRAWN IN DASHED LINES ARE OPTION PACKAGE AND CUSTOMER CONNECTIONS OF THE TRANSFER SWITCH.
2. Q2 (TEST WITH LOAD) IS PROVIDED AS STANDARD (PRE-CONFIGURED) FEATURE.
3. LOAD SHED STATUS OUTPUT CONTACT IS PROVIDED AS AN OPTION (PRE-CONFIGURED) FEATURE.
4. AUDIBLE ALARM STATUS OUTPUT CONTACT IS PROVIDED AS STANDARD (PRE-CONFIGURED) FEATURE FOR CLOSED TRANSITION SWITCH.
5. SHUNT TRIP EMERG. BREAKER STATUS CONTACT IS PROVIDED AS STANDARD (PRE-CONFIGURED) FEATURE FOR CLOSED TRANSITION TRANSFER SWITCH.

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THIRD ANGLE PROJECTION

FOR ADDITIONAL INFO REFER TO APPLIED PRACTICES UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES

TOLERANCES ON:  
 2 PL. DECIMALS ± .020  
 3 PL. DECIMALS ± .005  
 ANGLES ± 1°  
 FRACTIONS ± 1/64

FINISH ✓

AutoCad Generated

SIGNATURES  
 MODEL CEE  
 DATE 03/03/08

CHECKED  
 ENGRG CEE  
 DATE 03/03/08

MFG  
 QUALITY  
 ISSUED

DRAWING FILE: 91r-2002a-10.dwg  
 MODEL / ASSEMBLY FILE:

# CTQs  
 CRITICAL TO QUALITY CHARACTERISTIC

**GE Zenith Controls**

TITLE  
**USER CONFIGURABLE OUTPUT-OPTION**

FIRST MADE FOR: TRANSFER SWITCHES WITH MX350

SIZE B CAGE CODE DWG NO 91R-2002

SCALE: NA SHEET 1 OF 1