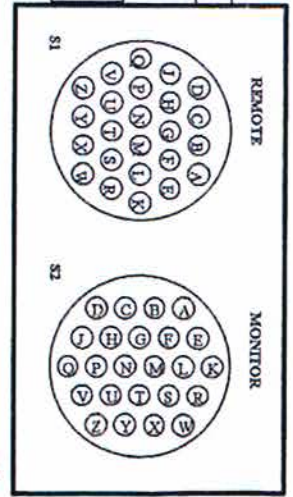
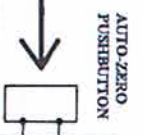
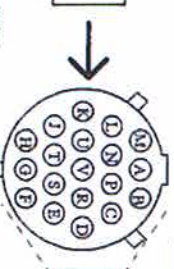
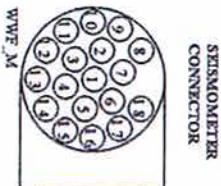


ST3-TRIS-SP™ HOST BOX REMOTE CONNECTOR ASSIGNMENT

POWER
 INPUT POWER IS GALVANICALLY ISOLATED
 +VIN 10 TO 30 V DC
 -VIN POWER RETURN

CONTROL

CONTROL INPUTS ARE OPTICALLY ISOLATED
 SAFE SWITCHING LEVELS ARE >5V FOR ON
 AND <0.5 V FOR OFF AGAINST RET
 SWITCHING CURRENT 0.5 mA +30%
 RESPONSE TIME >0.1 SEC AND <0.5 SEC



| SEISMO METER CONNECTOR | BOX CONNECTOR S3 |
|------------------------|------------------|
| 1 | +VAR |
| 2 | GNDP |
| 3 | X+ |
| 4 | X- |
| 5 | Y+ |
| 6 | Y- |
| 7 | Z+ |
| 8 | Z- |
| 9 | WPOS+ |
| 10 | WPOSW+ |
| 11 | WPOS |
| 12 | WPOSW |
| 13 | CONTR |
| 14 | GNDP |
| 15 | LOCAL |
| 16 | WCAL |
| 17 | WPOS+ |
| 18 | WPOSW |

| SEISMO METER CONNECTOR | SEISMO METER CONNECTOR |
|------------------------|------------------------|
| 1 | WVF_M |
| 2 | WVF_M |
| 3 | WVF_M |
| 4 | WVF_M |
| 5 | WVF_M |
| 6 | WVF_M |
| 7 | WVF_M |
| 8 | WVF_M |
| 9 | WVF_M |
| 10 | WVF_M |
| 11 | WVF_M |
| 12 | WVF_M |
| 13 | WVF_M |
| 14 | WVF_M |
| 15 | WVF_M |
| 16 | WVF_M |
| 17 | WVF_M |
| 18 | WVF_M |

| SEISMO METER CONNECTOR | SEISMO METER CONNECTOR |
|------------------------|------------------------|
| 1 | WVF_M |
| 2 | WVF_M |
| 3 | WVF_M |
| 4 | WVF_M |
| 5 | WVF_M |
| 6 | WVF_M |
| 7 | WVF_M |
| 8 | WVF_M |
| 9 | WVF_M |
| 10 | WVF_M |
| 11 | WVF_M |
| 12 | WVF_M |
| 13 | WVF_M |
| 14 | WVF_M |
| 15 | WVF_M |
| 16 | WVF_M |
| 17 | WVF_M |
| 18 | WVF_M |

pin of ST2
 blue box matches
 Tested 7 July 2011

SEISMIC SIGNALS, MASS POSITION
 X, Y, Z ARE ORTHOGONAL COMPONENTS OF THE SEISMIC SIGNAL
 + AND - DENOTE THE DIFFERENTIAL LEVELS REFERRED TO SIGNAL GROUND

SEISMIC SIGNALS, MASS POSITION
 UPOS: MASS POSITION OF SENSOR U
 WPOS: MASS POSITION OF SENSOR W
 WPOSW: MASS POSITION OF SENSOR W

U+, V+, W+ ARE THE SINGLE ENDED OUTPUTS OF THE TRI-AXIAL SENSORS (SIGSW = ON)

CALIBRATION COILS
 UCAL: CALIBRATION COIL U
 VCAL: CALIBRATION COIL V
 WCAL: CALIBRATION COIL W
 CCOM: CALIBRATION COIL COMMON

U+, V+, W+ ARE THE SINGLE ENDED OUTPUTS OF THE TRI-AXIAL SENSORS (SIGSW = ON)

Handwritten color coding for pins:
 A - blue w/ white
 B - green w/ white
 C - green w/ white
 D - green w/ white
 E - green w/ white
 F - white w/ green
 G - white w/ blue
 H - white w/ green
 I - white w/ brown
 J - blue w/ red
 K - red w/ blue
 L - red w/ blue
 M - green w/ red
 N - orange w/ red
 O - brown w/ red
 P - red w/ green
 Q - brown w/ red
 R - red w/ green
 S - red w/ green
 T - red w/ green
 U - blue w/ black
 V - black w/ blue
 W - orange w/ white
 X - white w/ orange
 Y - white w/ orange
 Z - white w/ orange

Size: M
 Date: 17 Apr 1988
 File: C:\AD7SCH\ST3\BOX\IRIS\ST3REVC.SCH
 Sheet of 1
 Drawn by: G. STRECKEISEN AG
 Date: 8/22/1988
 Revision: 1)