

BSM - BATTERY STATUS MODULE

NOTE: REMOVE T+BM
JUMPER ON MAIN PSU BOARD

NOTE: IF USING VER 722 PSU'S
MOVE BATT NEG TO BD NEG
TERMINAL WHEN FITTING BSM

CLEAN RELAY CONTACTS (BATT DISCONNECT CONTACTS)
SWITCH ON DISCONNECT, THIS WILL BE DELAYED BY 20/30 SECONDS

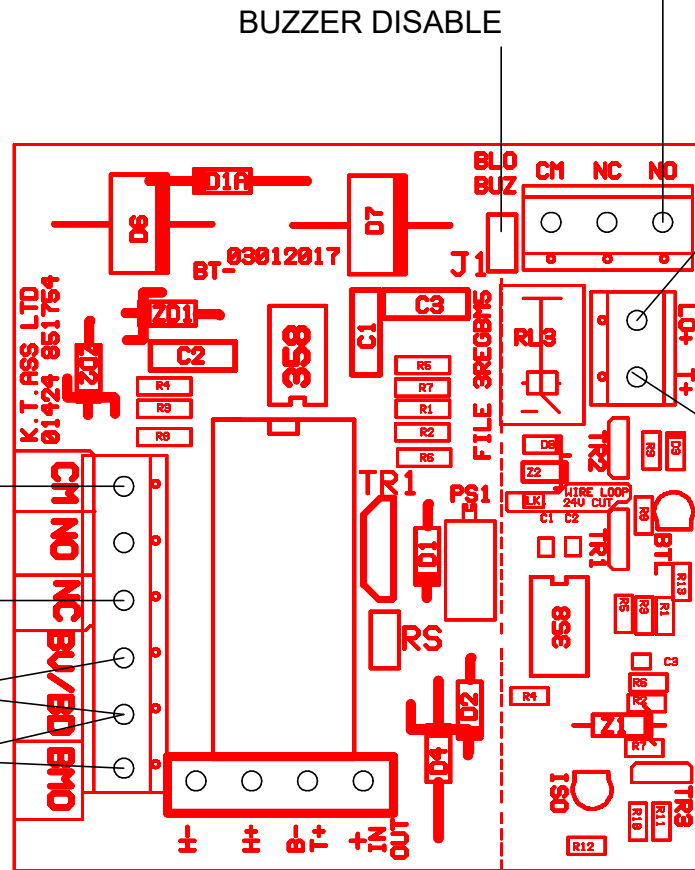
LOCK OUT
APPLY A POSITIVE VOLTAGE TO DISABLE BATT
DISCONNECT CIRCUIT

NOTE: IF USING T+ REMOVAL OF THE BLO/BUZ JUMPER
FROM BSM WILL MUTE THE ONBOARD SOUNDER.
T+ IS OPTIONAL IF THE BATTERY DISCONNECT
CONTACTS ARE NOT USED TO SEND AN INDIVIDUAL O/P

CLEAN RELAY
CONTACTS
SWITCHED ON
VOLTS DROP

LINK TO ENABLE BOTH
CIRCUITS

LINK TO DISABLE
BATT DISCONNECT



POSITIVE ON DISCONNECTION
CONNECT TO RA+ ON MAIN PCB TO TRIGGER
FAULT RELAY

THE BATTERY DISCONNECT CIRCUIT IS
TRIGGERED WHEN BATTERY BECOMES
PHYSICALLY DISCONNECTED.
THIS WILL BE DELAYED BY 20/30 SECONDS

THE BATTERY VOLTS MONITORING CIRCUIT IS
TRIGGERED WHEN THE BATTERY VOLTS DROP BELOW
10.5V (12V PSU) OR 21V (24V PSU)

NOTE: WHEN FITTING FOR THE FIRST TIME THE BATTERY
CHARGE VOLTAGE MAY NEED ADJUSTMENT

KT ASSEMBLIES LTD
3 MAUNSELL ROAD
ST LEONARDS ON SEA
EAST SUSSEX
TN38 9NL
T: 01424 851754 F: 01424 855039