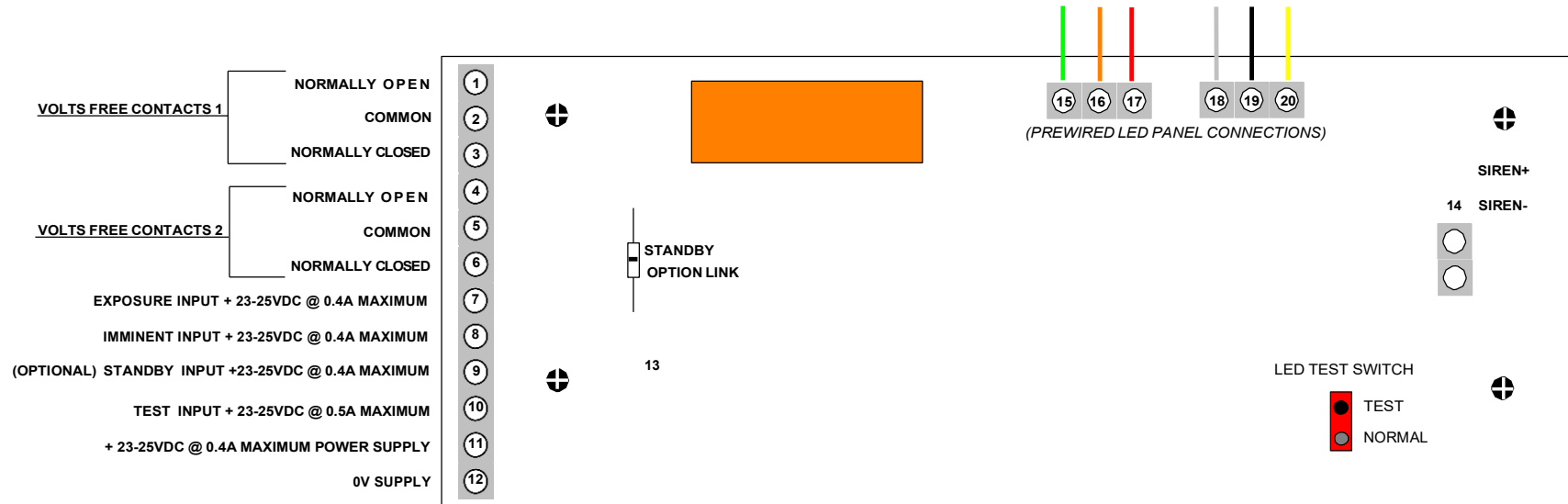


# NDT MAINCAL 3 STAGE STATUS PANEL INTERFACE (SMD) CONNECTIONS



## NOTES

### X-RAY OFF (STANDBY) OPTIONS

INTERFACE WILL AUTOMATICALLY GENERATE ITS OWN X-RAYS OFF (STANDBY) SIGNAL IN THE ABSENCE OF AN IMMINENT OR EXPOSURE SIGNAL IF AN EXTERNAL X-RAYS OFF (STANDBY) SIGNAL IS TO BE USED THE X-RAYS OFF (STANDBY) OPTION LINK SHOULD BE REMOVED

### VOLTS FREE INTERLOCK CONTACTS

2 SETS OF ISOLATED CHANGE OVER CONTACTS ARE PROVIDED  
CONTACTS ARE RATED FO 240VAC / 24VDC

TO MINIMISE THE RISK OF CONTACTS WELDING SIGNALS USING THE CONTACTS SHOULD BE FUSED OR OTHERWISE LIMITED TO 2A MAXIMUM  
CONTACTS WILL CHANGE STATE AT POWER UP AND REMAIN IN THAT STATE UNLESS AN OPEN OR SHORT CIRCUIT LED FAILURE IS DETECTED  
OR WHEN USING AN EXTERNAL X-RAYS OFF (STANDBY) SIGNAL NO IMMINENT OR EXPOSURE OR X-RAYS OFF (STANDBY) SIGNAL IS PRESENT  
OR POWER IS NOT PRESENT OR TEST INPUT IS ACTIVE OR OPEN CIRCUIT LED TEST SWITCH IS IN THE TEST POSITION

### TEST INPUT

APPLYING A TEST SIGNAL WILL CAUSE ALL THREE SECTIONS TO ILLUMINATE (AND OPTIONAL SIREN TO OPERATE) AND THE INTERLOCK CONTACTS RETURN TO THEIR NORMAL STATE. THIS CHECKS THE LED SHORT CIRCUIT DETECTION CIRCUIT

### EARTHING

UNIT EARTH CONNECTION (IF REQUIRED) IS VIA M6 STUD ON MAIN BODY