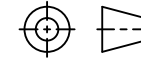
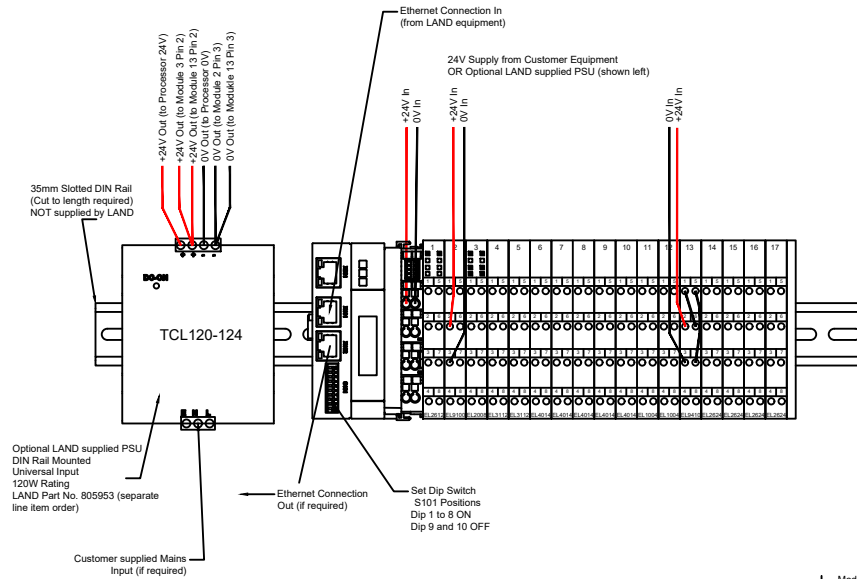
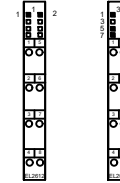


DRG.No.

A3-740.072

PROJECTION

Signal LED Identifications  
(see notes below)

## Customer Connections

Module 1 - 2 Channel Relay Output  
(125V a.c./30V d.c., 0.5A a.c./2A d.c. max.)

|       |    |
|-------|----|
| Pin 1 | NC |
| Pin 2 | C  |
| Pin 3 | NO |
| Pin 5 | NC |
| Pin 6 | C  |
| Pin 7 | NO |

Alarm condition TRUE if LED's are off  
Alarm 1 TRUE if output 1 is between Pin 2 & Pin 3  
& indicates a connection to processor has been lost unexpectedly.  
Alarm 2 TRUE if output 2 is between Pin 6 & Pin 7 & indicates that an alarm condition is TRUE on a connected device.

Module 3 - 8 Channel Digital Output  
(Output Voltage 24V d.c.)

|          |       |
|----------|-------|
| Output 1 | Pin 1 |
| Output 2 | Pin 2 |
| Output 3 | Pin 3 |
| Output 4 | Pin 4 |
| Output 5 | Pin 5 |
| Output 6 | Pin 6 |
| Output 7 | Pin 7 |
| Output 8 | Pin 8 |

LED 1 flashing - software running  
LED 2 on steady - software started  
LED's 5 to 8 binary representation of the no. of devices connected to the I/O processor

Module 4 - 2 Channel Analogue Input  
Input 1 Pin 1 (+) & Pin 2 (-)  
Input 2 Pin 5 (+) & Pin 6 (-)Module 5 - 2 Channel Analogue Input  
Input 3 Pin 1 (+) & Pin 2 (-)  
Input 4 Pin 5 (+) & Pin 6 (-)Module 6 - 4 Channel Analogue Output  
Output 1 Pin 1 (+) & Pin 2 (0V)  
Output 2 Pin 5 (+) & Pin 6 (0V)  
Output 3 Pin 3 (+) & Pin 4 (0V)  
Output 4 Pin 7 (+) & Pin 8 (0V)Module 7 - 4 Channel Analogue Output  
Output 5 Pin 1 (+) & Pin 2 (0V)  
Output 6 Pin 5 (+) & Pin 6 (0V)  
Output 7 Pin 3 (+) & Pin 4 (0V)  
Output 8 Pin 7 (+) & Pin 8 (0V)Module 8 - 4 Channel Analogue Output  
Output 9 Pin 1 (+) & Pin 2 (0V)  
Output 10 Pin 5 (+) & Pin 6 (0V)  
Output 11 Pin 3 (+) & Pin 4 (0V)  
Output 12 Pin 7 (+) & Pin 8 (0V)Module 9 - 4 Channel Analogue Output  
Output 13 Pin 1 (+) & Pin 2 (0V)  
Output 14 Pin 5 (+) & Pin 6 (0V)  
Output 15 Pin 3 (+) & Pin 4 (0V)  
Output 16 Pin 7 (+) & Pin 8 (0V)Module 10 - 4 Channel Analogue Output  
Output 17 Pin 1 (+) & Pin 2 (0V)  
Output 18 Pin 5 (+) & Pin 6 (0V)  
Output 19 Pin 3 (+) & Pin 4 (0V)  
Output 20 Pin 7 (+) & Pin 8 (0V)Module 11 - 4 Channel Digital Input  
(-3V to 5V low, 15V to 30V high)  
Input 1 Pin 1 & Pin 2  
Input 2 Pin 5 & Pin 6  
Input 3 Pin 3 & Pin 4  
Input 4 Pin 7 & Pin 8Module 12 - 4 Channel Digital Input  
(-3V to 5V low, 15V to 30V high)  
Input 5 Pin 1 & Pin 2  
Input 6 Pin 5 & Pin 6  
Input 7 Pin 3 & Pin 4  
Input 8 Pin 7 & Pin 8Module 13 - Power Supply Unit  
(Booster)

Power Connections Only - No I/O

Module 14 - 4 Channel Relay Output  
(125V a.c./30V d.c., 0.5A a.c./2A d.c. max.)  
Output 1 Pin 1 & Pin 2  
Output 2 Pin 5 & Pin 6  
Output 3 Pin 3 & Pin 4  
Output 4 Pin 7 & Pin 8Module 15 - 4 Channel Relay Output  
(125V a.c./30V d.c., 0.5A a.c./2A d.c. max.)  
Output 5 Pin 1 & Pin 2  
Output 6 Pin 5 & Pin 6  
Output 7 Pin 3 & Pin 4  
Output 8 Pin 7 & Pin 8Module 16 - 4 Channel Relay Output  
(125V a.c./30V d.c., 0.5A a.c./2A d.c. max.)  
Output 9 Pin 1 & Pin 2  
Output 10 Pin 5 & Pin 6  
Output 11 Pin 3 & Pin 4  
Output 12 Pin 7 & Pin 8Module 17 - 4 Channel Relay Output  
(125V a.c./30V d.c., 0.5A a.c./2A d.c. max.)  
Output 13 Pin 1 & Pin 2  
Output 14 Pin 5 & Pin 6  
Output 15 Pin 3 & Pin 4  
Output 16 Pin 7 & Pin 8

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DRONFIELD  
SHEFFIELD  
S18 1DJ

DO NOT SCALE

TOLERANCES U.O.S.

DIMNS.  $\pm 0.1$ ANGLES  $\pm 1^\circ$ CASTING  $\pm 0.4$ 

SURFACE FINISH

ALL SHARP CORNERS REMOVED

INTL. CORNERS R 0.25

EXTL. CORNERS R 0.50

ORIGINALLY USED ON PRODUCT TYPE

Icad/Installation Drawings/Infrared/LSP-HD Accessories

DRG. TITLE

Installation Details LSP-HD I/O 4 F/Line Measure

MATERIAL

FINISH

SHEET  
4 of 5DRG.TO  
BS 308DIMENSIONS  
ARE IN  
MILLIMETRES

MODIFICATION

DRAWN LAE

CHECKED

APPROVED

DRG.No.

A3-740.072

DATE

DATE 27/01/10

ORIGINAL  
SCALE

DATE

Revision

B