

DRG.No.

A3-740.072

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 - 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 6 - 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 7 - 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 8

Module 8 - 4 Channel Relay Output

(125V a.c./30V d.c., 0.5A a.c./2A d.c. max.)

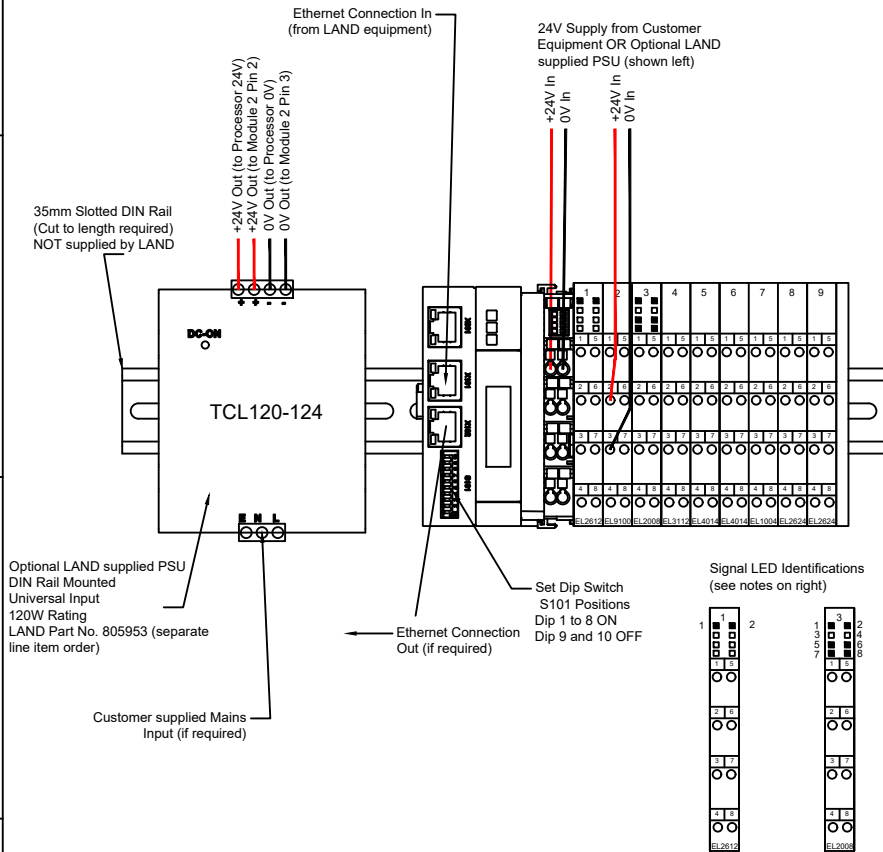
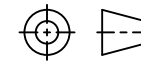
Output 1 Pin 1 & Pin 2
Output 2 Pin 5 & Pin 6
Output 3 Pin 3 & pin 4
Output 4 Pin 7 & Pin 8

Module 9 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 8

PROJECTION



THIS DRAWING MUST NOT BE COPIED OR USED OTHER THAN FOR THE PURPOSE FOR WHICH IT WAS ISSUED WITHOUT THE WRITTEN PERMISSION OF:-

LAND

© 2010

LAND INSTRUMENTS INTERNATIONAL LTD
DRONFIELD
SHEFFIELD
S18 1DJ

DO NOT SCALE

TOLERANCES U.O.S.

DIMNS. ± 0.1 ANGLES $\pm 1^\circ$ CASTING ± 0.4 SURFACE FINISH 1.6

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 Single F/Line Measure

MATERIAL

FINISH

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

MODIFICATION

DRAWN LAE

CHECKED

APPROVED

DATE

DATE 27/01/10

ORIGINAL
SCALE n.t.s.

DATE

DRG.No.

A3-740.072

Revision

B