

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 Digital Input

(-3V to 5V low, 15V to 30V high)

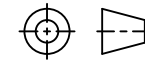
Input 1 Pin 1 & Pin 2
Input 2 Pin 5 & Pin 6
Input 3 Pin 3 & Pin 4
Input 4 Pin 7 & Pin 8

Module 7 - 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

PROJECTION



A

B

C

D

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DO NOT SCALE

TOLERANCES U.S.

DIMNS. ± 0.1
ANGLES ± 1°
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 Processor 1

MATERIAL

FINISH

SHEET
1 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

1

2

3

4

5

6

35mm Slotted DIN Rail
(Cut to length required)
NOT supplied by LAND

Ethernet Connection In
(from LAND equipment)

+24V Out (to Processor 24V)
+24V Out (to Module 2 Pin 2)
0V Out (to Processor 0V)
0V Out (to Module 2 Pin 3)

24V Supply from Customer
Equipment OR Optional LAND
supplied PSU (shown left)

+24V In
0V In
+24V In
0V In

DC-ON

TCL120-124

Optional LAND supplied PSU
DIN Rail Mounted
Universal Input
120W Rating
LAND Part No. 805953 (separate
line item order)

Customer supplied Mains
Input (if required)

Set Dip Switch
S101 Positions
Dip 1 to 8 ON
Dip 9 and 10 OFF

Ethernet Connection
Out (if required)

Signal LED Identifications
(see notes on right)

