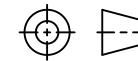


DRG.No.

A3-740.072

PROJECTION



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 NOAlarm 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 8LED 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 processorModule(s) A - 2 Channel Analogue Input
(up to 8 modules can be fitted)Input 1 Pin 1 (+) & Pin 2 (-)
Input 2 Pin 5 (+) & Pin 6 (-)Module 4 - Power Supply Unit (Booster)
Power Connections only - No I/OModule(s) B - 4 Channel Analogue Output
(up to 12 modules can be fitted)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 5 - Power Supply Unit (Booster)
Power Connections only - No I/O.

NOTE: Only fitted if there are more than 5 Analogue Output Modules fitted

Module(s) C - 4 Channel Digital Input
(-3V to 5V low, 15V to 30V high)

(up to 4 modules can be fitted)

Input 1 Pin 1 & Pin 2
Input 2 Pin 5 & Pin 6
Input 3 Pin 3 & Pin 4
Input 4 Pin 7 & Pin 8Module(s) D - 4 Channel Relay Output
(125V a.c./30V d.c., 0.5A a.c./2A d.c. max.)
(up to 4 modules can be fitted)Output 1 Pin 1 & Pin 2
Output 2 Pin 5 & Pin 6
Output 3 Pin 3 & Pin 4
Output 4 Pin 7 & Pin 8

A

B

C

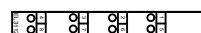
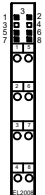
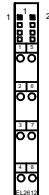
D

35mm Slotted DIN Rail
(Cut to length required)
NOT supplied by LAND+24V Out (to Processor 24V)
+24V Out (to Module 5 Pin 2)
+24V Out (to Module 2 Pin 2)
+24V Out (to Module 4 Pin 2)
0V Out (to Processor 0V)
0V Out (to Module 5 Pin 3)
0V Out (to Module 2 Pin 3)
0V Out (to Module 4 Pin 3)

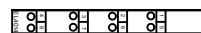
TCL120-124

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)Ethernet Connection In
(from LAND equipment)24V Supply from Customer Equipment
OR Optional LAND supplied PSU (shown left)+24V In
0V In
+24V In
0V In
0V In
+24V In
0V In
+24V In

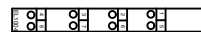
Typical Configuration Shown

Ethernet Connection
Out (if required)Set Dip Switch
S101 Positions
Dip 1 to 8 ON
Dip 9 and 10 OFFSignal LED Identifications
(see notes on right)

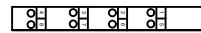
EL3112 Up to 8 modules can be specified in module 4 position.



EL4014 Up to 12 modules can be specified in module 5 position.



EL1004 Up to 4 modules can be specified in the module 7 position.



EL2624 Up to 4 modules can be specified in module 8 position.

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DRONFIELD
SHEFFIELD
S18 1DJ

DO NOT SCALE

TOLERANCES U.O.S.
DIMNS. ± 0.1
ANGLES $\pm 1^\circ$
CASTING ± 0.4
SURFACE FINISH $1.6/\sqrt{R}$
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 Processor 3

MATERIAL

FINISH

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

MODIFICATION

DRAWN LAE

CHECKED

APPROVED

DATE

DATE 19/02/10

ORIGINAL
SCALE n.t.s.

DATE

ISSUE

Revision

DRG.No.
A3-740.072

B

1

2

3

4

5

6