3 METER 16A MAINS CABLE

C19 PANEL CONNECTOR SI3035

E
N L
1A 2A
4B 5B

VIEWED FROM INSIDE UNIT

FURNACE FAN

N N L L

SI0374
SI0375

INPUT

TRACO PSU 24V

SI0508

OUTPUT - +

FLOW METER
FLOW SENS 1
'J1'

PIN 1

LIQUID SAMPLER TO MASS SPEC CABLE

15 WAY D TYPE PLUG 'TO MASS SPEC'

15 WAY D TYPE PLUG 'TO LIQUID SAMPLER'

SOLDER JOINT

PIN 1 — PIN 4

PIN 1 — PIN 4

FURNACE R TYPE TC

GC THERMO

THROUGH CABLE GLAND - TO PC SI2411 SI2412

J1

GC BOX

SI0807

RED MAINS CABLE

HEATER SI1815

SI2606

GREEN LAMP

FUSE 4A

Fans

FAN MOUNTED ON TOP OF UNIT

FAN TB

PLUG

SOCKET

THERMOCOUPLE SC0030

Wire GC Box using heat resistant mains cable – SI1640

I.E.C. Plug – SI0378

I.E.C. Cord – Socket – SI0847

TO GC ON PREP BOARD

1 2 4 3+

GC

SSR

SI0559
SI0345

PIN 3 ON 15 WAY D TYPE FOR J6

PIN 11 ON 15 WAY D TYPE FOR J6

1 2 4 3+

HT FURNACE

SSR

SI0559
SI0345

JUMPERS

J18	J58
J19	J6
J23	J7
J25	J8
J27	J11
J29	
J52	
J53	
J55	
J57	

J6

15 WAY D TYPE PLUG PIN 4 PIN 12

J10

1 2 3 4 5 6 7 8

SI2582

24V SUPPLY + -

RIBBON CABLE

J3

FURNACE COLLAR - +

0V 55V 110V

TRANSFORMER

SI2725

240V 220V 0V 10V

EARTH UNDER M8 NUT

15 way D type socket pin 1 and 4

ONLY ON LIQUID AUTOSAMPLER

4 2 3

SINGLE POLE RELAY

SI0346
SI0347

5 1

To Valve 14 on TB

30A FUSE

SI2608

4 2 3

SINGLE POLE RELAY

SI0346
SI0347

5 1

34 WAY VALVE TB

1 3 5 7 9 11 13 15 17 19 21 23 25 27 29 31 33

2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34

ISSUED BY	DESCRIPTION	DATE	REV. No.
OW	GC box SSR wiring update	30-09-24	D5
OW	GC BOX AND FLOW METER ADDED	05-07-24	D4
OW	24V supply change and cable	08-03-24	D3
JH	NEW 16A REDESIGN WITH BOARD	27-10-22	D2
ID	MORE DETAIL AND EXTERNAL CABLE	8-09-21	D1
ID	ADDING MORE DETAIL	18-01-21	D
MOC	ISSUED FOR MANUFACTURE	15-10-18	C

REMOVE ALL BURRS & SHARP EDGES — DO NOT SCALE

THIRD ANGLE

MATL.

ALL DIMENSIONS IN MILLIMETRES

FINISH

TOLERANCES UNLESS OTHERWISE STATED
±0.15° ANGULAR 0. ±0.5
SURFACE FINISH 1.6u 0.0 ±0.1
0.00 ±0.05

DRG. SIZE A4

SCALE

TITLE HT-EA WIRING

DRG No 11501-004-003-D4

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