GC BOX

USE HEAT RESISTANT WIRE

THERMOSTAT SI0807

CRIMP CONNECTOR x 2

HALOGEN LAMP SI2790

CAL CONTROLLER 3300
SI1710

MOUNTED IN FRONT OF DRAWER

+ + 1 2 3 4 7 8

0V
24V

24 VOLT TERMINAL BLOCK BELOW DRAWER

TCD GC BOX

THERMOCOUPLE SC0030

CARTRIDGE HEATER SI2581

CRIMP CONNECTOR

CRIMP CONNECTOR

TCD GC

+

SSR & COVER
SI0559
SI0345

GC

+

SSR & COVER
SI0559
SI0345

See prep drawing

E
N
L

24VOLT PSU
SI0508

24V
0V

ROCKER SWITCH
SI3230

L N

C19 CONNECTOR
SI3036

MAINS 16A

TCD GC 4A

GC 6A

EA FURNACE x 1
SI2409

USE HEAT RESISTANT WIRE

RED

K TYPE THERMOCOUPLE

HT FURNACE
SI3033

HT

FAN

R TYPE THERMOCOUPLE

TO PCB J6

WHITE HIGH TEMP CABLE IN BRAIDING
SI3233

I.E.C PLUG
SI0378

I.E.C CORD SOCKET
SI0847

See prep drawing

RED

+

SSR & COVER
SI0559
SI0345

25A

L
30A
FUSE
L

6MM RED CABLE SI3234 FOR INTERNAL USE.

RED 6A

HT FURNACE WIRING:
6MM CABLE WITH WHITE BRAIDED SLEEVING TO BE USED HERE. THE INTERNAL WIRING CAN BE 6MM RED SLEEVED WIRE.

0V 55V 110V

SI3229
55V
TRANSFORMER

E

240V 0V

L N

MOD	ISSUED BY	DESCRIPTION	DATE	REV. No.
	DW	Wiring change	17/12/2024	C2
	DW	Approved for manufacturing	29/05/2024	C

REMOVE ALL BURRS & SHARP EDGES — DO NOT SCALE

THIRD ANGLE

MATL.

ALL DIMENSIONS IN MILLIMETRES

TOLERANCES UNLESS OTHERWISE STATED
±0.15° ANGULAR 0. ±1 0.00 ±0.1 0.0 ±0.2
SURFACE FINISH 1.6µ

FINISH

DRG. SIZE A1

SCALE

TITLE EArth WIRING – MAINS WITH LIQUID AUTOSAMPLER

DRG No 10203-004-010-C2

SERCON LTD

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