GC BOX

THERMOSTAT: SI0807

HEATER STRIP
240V: SI1815
115V: SI0730

THERMOCOUPLE
SC0030

GC FUSE: 4A

HEATER BLOCK FUSE: 10A

I.E.C SOCKET MOUNT x 2
SI0903

GC

HEATER 2

HEATER 1

SSR & COVER x 3
SI0559
SI0345

Valve	34TB No.
0	1,2
1	3,4
2	5,6
3	7,8
4	9,10
5	11,12
6	13,14
7	15,16
8	17,18
9	19,20
10	21,22
11	23,24
12	25,26
13	27,28
14	29,30
14	31,32

N

L

J3

J21

J6

J5

J1

J4

0V

+24V

EArth PCB: SI2582

80mm FAN x 2
SI0793

24V

0V

24VOLT PSU
SI0508

N

L

DIP SWITCH SETUP: ISO EARTH (E)

1 2 3 4 5 6 7 8

NO

J10

Grey

Black

White

PIN 1

15 D PLUG to J6
DRG: 10302/004/004

GC2 T/C

GC1 T/C

F2 T/C

F1 T/C

+ − + − + − + −

PIN 1

25 D PLUG to J1
DRG: 10302/004/004

P3

P1

3=-VE
2=10V
1=+Sig

GAS FLOW SENSOR
SI0366

PIN 1

15 D PLUG to J4
DRG: 10302/004/005

8 WAY MOLEX TO EPC

T/C PANEL MOUNT SOCKET x 2
K-TYPE: SI2696

HEATER 2

HEATER 1

4.5m USB CABLE
SI2288

ROCKER SWITCH
SI0344

MAINS FILTER
SI1328

N

L

MAINS FUSE
240V: 3.15A
115V: 10A

IF BEING USED FOR A uCARBS SYSTEM ADD IN THE RELAY AND WIRING FOR THE ACID PUMP FROM:
10302-004-008

THE EXTERNAL CABLE WILL ALSO BE NEEDED:
10302-004-009

	DW	USB WIRE IDENT	28/03/2025	C2
	DW	ISSUED FOR MANUFACTURE	11-09-2019	C
MOD	ISSUED BY	DESCRIPTION	DATE	REV. No.

REMOVE ALL BURRS & SHARP EDGES	DO NOT SCALE	THIRD ANGLE
MATL.	ALL DIMENSIONS IN MILLIMETRES	
FINISH	TOLERANCES UNLESS OTHERWISE STATED ±0.15° ANGULAR 0. ±1 SURFACE FINISH 1.6u 0.00 ±0.1 0.0 ±0.2	DRG. SIZE A1 SCALE
TITLE: AQUA WIRING DIAGRAM		DRG No 10302-004-006
SERCON LTD		

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