+ TO TOP

34 Way Valve Terminal Block SI0373

34 WAY IDC SKT SI1482

J3 ON EARTH PCB

34 WAY IDC SKT SI1482

REAR PANEL

37 WAY IDC SKT SI1794

See Drawing: 10202_004_028

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

FLAT FAN

TO 24V TB

TO 24V PSU

0V +24V

J3

J21

J5

J6

EArth PCB: SI2582

DIP SWITCH SETUP: ISO EARTH (E)

ON

COM

RED

GC

TCD GC

SSR & COVER SI0559 SI0345

J6 15 WAY D PLUG See Drawing: 10202_004_022

PIN 1

TO 34 WAY TERMINAL BLOCK

V6 - 13 & 14

V13 - 27 & 28

PIN 1

J5 15 D PLUG See Drawing: 10202_004_026

1(-) 5(+) 3 2 4

1(-) 5(+) 3 2 4

SPCO RELAY + BASE x 2 SI0346 SI0347

4.5m USB Cable SI2288

MFC & EPC JUMPERS:

J31 J33 J35 J37

GC2 T/C GC1 T/C F2 T/C F1 T/C

J1 J4

TO TCD TERMINAL BLOCK

PIN 1

J1 25 D Plug See Drawing: 10202_004_025

PIN 1

J4 15 D Plug See Drawing: 10202_004_024

COM T/C

RED T/C

GC T/C

TERMINAL BLOCK MOUNTED TO THE FRONT OF THE VALVE PANEL

FLOW SENS DIAGRAM WITH SOLDER 3 WAY ORIENTATION.

FLOW 1

3 WAY MOLEX

FLOW 2

3 WAY MOLEX

MFC 2

9 D SKT

PIN 1

MFC 1

9 D SKT

PIN 1

TERMINAL BLOCK MOUNTED ON TCD

TCD GC T/C SC0030

To GC2 T/C

See Drawing: 10202_004_019

TOGGLE SWITCH S0902

MOUNT ON REAR PANEL

EPC 2

8 WAY MOLEX

EPC 1

8 WAY MOLEX

TCD SIGNAL

15 D SKT - MOUNTED ON REAR PANEL

PIN 1

TO EARTH PCB

0V 24V

24VOLT PSU SI0508

L N E

0V 0V 0V 24V 24V 24V

24V TERMINAL BLOCK

80mm FAN X 4 SI0793

TO FLAT FAN

	ID	EDITED EPC MOLEX	06-08-2021	C3
	DW	TCD RELOCATED	05-08-2020	C2
	DW	APPROVED	05-12-2019	C1
MOD	ISSUED BY	DESCRIPTION	DATE	REV. No.

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 1,6u

FINISH

DRG. SIZE A1

SCALE

TITLE: ISO EARTH WIRING – PREP

DRG No: 10202-004-020

SERCON LTD

©