CONTROL PANEL

PURGE SWITCH

ON / OFF SWITCH

HOUR METER

CONTROL PANEL EARTH

G/YELL

YELLOW

VIOLET

BLACK

WHITE

BROWN

BLUE

SOLONOID COIL

FAN MOTOR

BLUE

BLUE

BROWN

BLACK

RED

G/YELL

CONTROL BOX

PCB

FIT JUMPER TO PIN E

(L) T5

ABCDE PROGRAMME

TEST

LOOP H CONN

COIL SENSOR

BLUE (N) T1

BLUE (N) T2

BROWN (L) T3

(L) T4

ORANGE (C) T6

BLUE (N) T7

RED (F) T8

BLACK (N) T9

BLUE (S) T10

BLUE (N) T11

BROWN (P) T12

BLUE (N) T13

(PC) T14

BROWN

SENSOR

T19 BLACK

T20 BLACK

T15 (COM) BLACK

T16 (1) VIOLET

T17 (2) RED

T18 (3) YELLOW

40uF CAP COMP.

5uF CAP MOTOR

BLUE

BLUE

WHITE

WHITE

WHITE

CONTROL BOX EARTH

G/YELL G/YELL

BROWN

BRN

SSR

BROWN

BLUE

ORANGE

TB1

YEL YELLOW

WHITE WHITE

VIOLET VIOLET

BLACK BLACK

BROWN WHITE

BLUE WHITE

BLUE

CONDENSATE PUMP

N

L

BLUE

BROWN

RED

NC

MS2

WHITE

NO

COM

YEL

BLK

20WS101

BLACK

C.P. EARTH

G/YELL

G/YELL

G/YELL

COMPRESSOR

S

C

R

BROWN

WHITE

BLUE

G/YELL

TRANSFORMER

RED YEL BLUE VIOLET VIOLET

1 2 3 4 5 6

TB2

RED GRN BLK RED RED

240 110 0 OHP OHP

YELL

BROWN

1 110V 4

2 5

3 240V 6

RED

BROWN

BROWN

VOLTAGE SELECTION SWITCH

BROWN

BLUE

L

N

COMM BLOCK

BLUE

BROWN

G/YELL

BASEPLATE EARTH

G/YELL

MAINS CABLE

ISSUE	DATE	AMENDMENTS
1	30/03/21	ORIGINAL
2	11/05/21	PROTOTYPE BUILD ISSUES - WDA
3	26/05/21	MAINS FILTER REMOVED - WDA
4	18/06/21	TOP CONTROLS LAYOUT CHANGED - WDA
5	15/10/21	COMP OHP REMOVED / NOT FITTED - WDA
6	01/07/22	CAPACITOR VALUES ADDED / CHANGED - WDA

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BISHOP AUCKLAND
Co. DURHAM
ENGLAND

3RD ANGLE PROJECTION

DO NOT SCALE IF IN DOUBT ASK

DIMENSIONS IN m.m.
TOLERANCES UNLESS OTHERWISE STATED
0. ± 1
0.0 ± 0.25
0.00 ± 0.05
ANGULAR ± 0.5 DEGREE

TITLE: ECO85 (DV) - WIRING DIAGRAM

MATERIAL: N/A

DRAWN: W DAGLISH

CAD SCALE: 1/1

FINISH: N/A

DRG.NO. 5010509

SHEET 1 OF 1

A3