INDICATOR REFERENCE

POWER ON

POWER OFF

DEHUMID.

DEFROST

NOTE:
ENSURE CONTACTORS ARE USED CORRECTLY

C1 - FAN
3030301 - 3RT2016-1AP01 - 9A CONTACTOR

C2 - COMPRESSOR
3030321 - 3RT2018-1AP01 - 16A CONTACTOR

BLACK
GREY
21
RED
13
X2
22
14
X1
WHITE
BLACK
BROWN
YELLOW
GREEN
PINK

DISPLAY PCB
000
HUMIDITY SENSOR
J2
PCB CONTROLLER
J3
KEYPAD
HUMIDITY SENSOR
%RH
DISPLAY PCB

FAN MOTOR
BOTTOM
TOP
W1
V1
U1
V2
U2
W2
G/YELL

JUMPER ON PINS A + E
ORANGE
(PC) T14
YELLOW
T18 (3)
RED
T17 (2)
T16 (1)
BLACK
T15 (COM)
T20
T19
SENSOR
LIGHT CONN.
PROGRAMME
EDCBA
TEST
(L) T5
(N) T13
(P) T12
(N) T11
(S) T10
(N) T9
(F) T8
(N) T7
(C) T6
(L) T4
(L) T3
(N) T2
(N) T1
BLUE
PINK
RED
YELLOW
BROWN
PCB CONTROLLER
COIL SENSOR

C2
3030321
C1
3030301
C1
AUX
CB2
CB1
O/L1
95
96
97
98
33
34
22

SOLONOID COIL

COMPRESSOR
C
S
R

TB1
L1
L2
L3
N

WHITE
ORANGE
BLUE
BROWN

3 CORE CABE
THROUGH TX BOX
INTO CONTROL BOX
G/Y
BRN
BLUE

CONDENSATE PUMP
MS2
NC
COM
NO
10MS102

TRANSFORMER
TB2

CONTROL INSERT COVER EARTH
CONTROLS COVER EARTH
COMPRESSOR COVER EARTH

ISSUE	DATE	AMENDMENTS
1	03/02/22	ORIGINAL
2	11/05/22	ON / OFF X2 WIRES SWITCHED - WDA
3	20/05/22	VARIOUS ISSUES DURING PRODUCTION - WDA
4	18/10/22	PUMP CABLE CORRECTIONS - WDA
5	16/03/23	J2 / J3 ADDED TO DISPLAY PCB - WDA

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BISHOP AUCKLAND
Co. DURHAM
ENGLAND

TITLE: CD425 460V / 3PH / 60Hz - WITH PUMP

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

MATERIAL: N/A

DRAWN: W DAGLISH

CAD SCALE: 1/1

FINISH: N/A

DRG.NO. 5010538

SHEET 1 OF 1

A3