VENT-AXIA
GALAXY™ IN-LINE BELT DRIVEN TWIN FANS
WIRING DIAGRAMS

SINGLE PHASE BELT DRIVEN FAN (UP TO 1.1kW 1 PHASE)
CONNECTED TO AN ITC CONTROLLER

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Switched Fused Spur
L1
1 Phase Supply
(220-240V 50Hz).
FUSE
N
L
E
LED 2
ITC (Stk Ref 103 14 200)
ITC-DS (Stk Ref 103 14 210)
INSERT LINK FOR
24HR CHANGE OVER
(ITC-DS ONLY)
REMOTE VISUAL
CONTROLLER
CONNECTIONS
AE
FAN 2
FAIL
FAN 1
FAIL
CDB
LED 1
K
A
A
FAN 2
OUTPUT
240V
INPUT
E
24V AC
240V
INPUT
NL
N
L
L3
L2
L1
TK
TK
N
E
L
E
L
N
GDB 1
GDB 2
GDB 3
GDB 4

N.B. Links between terminals 1 to 95, 3 to 6, 5 to A2 and 23 to 96 must be fitted and the link between terminals 24 to 96 must be REMOVED.

415 Volt D.O.L. Starter

A suitable sized overload relay must be fitted to provide motor protection.

N.B. Links between terminals 1 to 95, 5 to A2 and 23 to 96 must be fitted and the link between terminals 24 to 96 must be REMOVED.

415 Volt D.O.L. Starter

A suitable sized overload relay must be fitted to provide motor protection.

THREE PHASE BELT DRIVEN FAN (UP TO 2.2kW 3 PHASE)
CONNECTED TO AN ITC CONTROLLER

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Isolator Switch
L1
3 Phase Supply
(380-415V 50Hz).
L2
L3
FUSE
FUSE
FUSE
24V AC
240V
INPUT
FAN 2
OUTPUT
E
240V
INPUT
NL
N
L
L3
L2
L1
TK
TK
N
E
L
E
L
N
GDB 1
GDB 2
GDB 3
GDB 4

N.B. Links between terminals 1 to 95, 5 to A2 and 23 to 96 must be fitted and the link between terminals 24 to 96 must be REMOVED.

240 Volt D.O.L. Starter

A suitable sized overload relay must be fitted to provide motor protection.

N.B. Links between terminals 1 to 95, 3 to 6, 5 to A2 and 23 to 96 must be fitted and the link between terminals 24 to 96 must be REMOVED.

240 Volt D.O.L. Starter

A suitable sized overload relay must be fitted to provide motor protection.