1 PHASE 120V/208V/230V 60HZ MOTOR

1.0 H.P. CAPACITOR START
FOR ALL DOORS

MOTOR LEADS

T-1 T-2 T-3 T-4 T-5 T-8

WHITE
BLACK
BROWN
PURPLE
BLUE

WHITE TO MOTOR T-1
PURPLE TO MOTOR T-5
BLACK TO MOTOR T-2,T-3
BLACK TO TERM. BLOCK #2

BLACK JUMPER
PURPLE JUMPER
BLUE JUMPER

BROWN TO MOTOR T-4
BLUE TO MOTOR T-8
RED TO TERM. BLOCK #6

BACK SIDE OF CONTACTOR
DOWN COIL
UP COIL
WHITE JUMPER
UP

ORANGE TO UP LIMIT SWITCH (N.C.)
TO TRANSFORMER
YELLOW TO DN. LIMIT SW.(N.C.)

RED
RED/YELLOW
RED
24V TRANSFORMER
BLACK
BLACK

TO TERM. BLOCK #3
TO TERM. BLOCK #2
TO TERM. BLOCK #1

LIMIT MICRO SWITCHES

DOWN
NORMALLY CLOSED
COM
NO NC

UP
NORMALLY CLOSED
COM
NC NO

YELLOW TO DN COIL ON STARTER
BROWN TO DOWN LIMIT SWITCH (COM)
RED TO UP LIMIT SWITCH (COM)
ORANGE TO UP COIL ON STARTER

RED TO CONTACTOR #2
BROWN
BLACK TO CONTACTOR #8

#6 208V/220V LINE
#5 TO UP SWITCH
#4 TO DOWN SWITCH
#3 TO SWITCH
#2 208V/220V LINE
#1 NEUTRAL

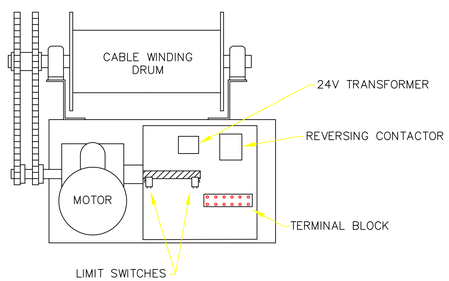
MECHANICAL DISCONNECT NOT FURNISHED BY FULFAB, INC.
208V/220V LINE
208V/220V LINE
NEUTRAL
GROUND

TO TERM. BLOCK #4
TO TERM. BLOCK #5
TO TERM. BLOCK #3

24V
UP
DOWN

RED WIRING IS FACTORY INSTALLED
BLUE WIRING IS FIELD INSTALLED BY CONTRACTOR

MOTOR PLATFORM ASSEMBLY
(BY FULFAB)



NOTES:

1. MOTOR, LIMIT SWITCHES, TERMINAL STRIP, AND PUSH BUTTON SWITCH FURNISHED BY FULFAB, INC.
2. ALL OTHER ELECTRICAL EQUIPMENT AND WIRING BY OTHERS TO LOCAL CODE REQUIREMENTS.
3. THREE CONDUCTORS REQUIRED TERMINAL STRIP TO PUSH BUTTON SWITCH.
4. FURNISH PROPER CIRCUIT AND OVERLOAD PROTECTION SWITCH.
5. LOCATE PUSH BUTTON SWITCH 1'-6" FROM DOOR ON PARTITION WALL.
6. FULFAB PUSH BUTTON SWITCH, MOTOR, AND ALL OTHER PROVIDED ELECTRICAL COMPONENTS ARE NOT EXPLOSION PROOF.
7. ELECTRICIAN TO MOUNT PUSH BUTTON SWITCH, PROVIDE OVERLOAD PROTECTION, AND PROVIDE CONDUIT AND WIRE BETWEEN THESE ITEMS AS WELL AS TO TERMINAL STRIP FROM PUSH BUTTON SWITCH.
8. MOTOR DRAWS 6.8 STARTING AMPS, 6.4 OPERATING AMPS @ 230V.

COMPONENTS:

1. 24V TRANSFORMER, 115V INPUT. NEWARK ELECTRONICS #03F1011
2. MOTOR REVERSING CONTACTOR, 24V COIL
   NEWARK ELECTRONICS #70B5424 W/ AUXILIARY SWITCH
3. 2 BUTTON PUSH BUTTON STATION. WAYNE-DALTON
4. LIMIT MICRO SWITCHES-OMROM-NEWARK ELECTRONICS #35K3183
5. 6 POSITION TERMINAL BLOCK-MULTICOMP-NEWARK ELECTRONICS # 14N5659

REVISIONS		
NO	DATE	BY

FULFAB, INC.
CANTON, OHIO

BIFOLD DOOR WIRING DIAGRAM
208/220V-2 BUTT. STATION(24V)

DRAWN EMP	DATE 11/1/17	SCALE: NONE	
CHK'D GR	DATE 11/1/17	DWG. NO. E1826	

C:E1826 ©