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CBRC12-N6-3R
ON DWG

NOTES:

1. MINIMUM WIRE BENDING SPACE SHALL BE 10.00" FROM TOP OF CIRCUIT BREAKER POWER CONNECTION TO TOP OF ENCLOSURE.

2. MINIMUM WIRE BENDING SPACE SHALL BE 10.00" FROM BOTTOM OF OUTPUT CONTACTOR POWER CONNECTION TO BOTTOM OF ENCLOSURE.

3. ENCLOSURE LAYOUT IS DESIGNED FOR CABLE ENTRY/EXIT TO BE TOP/BOTTOM.

4. ENCLOSURE IS RAL7035 LIGHT GREY POWDER COATED INSIDE AND OUT.

5. ENCLOSURE ENVIROMENTAL RATING IS UL TYPE 3R/4.

6. UNIT SCCR IS 35KAIC.

7. MOTOR CONTROLLER IS SUITABLE FOR USE AS SERVICE EQUIPMENT. IF MOTOR CONTROLLER IS GOING TO BE USED AS SERVICE EQUIPMENT, INSTALL "SERVICE DISCONNECT" LEGEND AS SHOWN. "SERVICE DISCONNECT" IS SHIPPED LOOSE WITH MOTOR CONTROLLER.

8. STARTER IS SHIPPED WITH 480VAC TRANSFORMER PRIMARY FUSING. FOR 240VAC APPLICATION REMOVE FU4 & FU5 1.25A FUSES, REPLACE WITH 2.5A FUSES AND JUMPER PER TRANSFOMER LABEL ON BASE FOR 240VAC.

15.8114.96

TOP VIEW

47.28

FRONT VIEW

35.43

45.71

33.86

0.79

0.79

0.79

0.79

0.34 TYP.
(4 PLACES)

PLAN VIEW

LEFT SIDE VIEW

RIGHT SIDE VIEW

BOTTOM VIEW

COMPONENT LIST

CB1 - CIRCUIT BREAKER, 600A, 480V, 3PH, 35KAIC

CBH - FRONT MOUNT ROTARY OPERATOR FOR UTS400/600 CIRCUIT BREAKERS, TYPE 3/3R/4, 12INCH SHAFT

M1 - CONTACTOR, 600A, NEMA 6, 120V, 50/60HZ COIL, 2NO/2NC

CT1,2,3 - CURRENT TRANSFORMER, 600:5, 54" LEADS, 2" WINDOW

O/L1 - OVERLOAD RELAY, ELECTRONIC, CLASS 1-30, 1 - 5A

ENCL - ENCLOSURE, FREESTANDING, TYPE 4, 48"H x 36"W x 16D

FU4,5 - CONTROL FUSES (PRIMARY SIDE), TIME DELAY, 1.25A, 600V, 200KA CLASS CC

FU6 - CONTROL FUSES (SECONDARY SIDE), TIME DELAY, 3.5A, 500V, 10KA

TB1 - CONTROL TERMINAL BLOCK

TB2 - CONTROL TERMINAL BLOCK

TB2 - CONTROL TERMINAL BLOCK

T1 - CONTROL TRANSFORMER, 250VA, 480V PRIMARY - 120V SECONDARY

PB1 - START PUSHBUTTON, 30MM, FLUSH GREEN, W/ N.O. CONTACT

PB2 - STOP PUSHBUTTON, 30MM, RAISED RED, W/ N.C. CONTACT

PB3 - D/L RESET PUSHBUTTON, 30MM, FLUSH BLACK, W/ N.O. CONTACT

LT1 - RUN PILOT LIGHT, 30MM, ILLUMINATED, 120V, RED

SW1 - H-D-A SELECTOR SWITCH, 30MM, 3-POSITION, W/ N.O./N.C. CONTACTS

THIRD ANGLE PROJECTION

UNLESS OTHERWISE SPECIFIED

TITLE:

SIGNATURES

DATE

815 ALPHA DRIVE
PITTSBURGH, PA. 15238

550 BRIGHT STREET
LITTON, ONTARIO
M4W 3M5

SCALE: 1-1/2"=1'-0

SHEET 1 OF 2

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ALL DIMENSIONS IN INCHES INTERPRET DRAWING PER ASME Y14.5M-1994

TOLERANCES: .XX ± .03
.XXX ± .015
ANGLES ± 1°

MATERIAL:

FINISH:

ENCLOSURE LAYOUT
CBRC12-N6-3R
NEMA SIZE 6 STARTER
480VAC LINE
CPT, ELECTRONIC O/L
START, STOP, RESET PB'S
RUN LT, H-O-A SW

DRWN: TJR 06/05/20
CHKD: MSN 06/15/20
ENG: MSN 06/15/20
MFG:

BENSCHAW

CBRC12-N6-3R

REV 0

