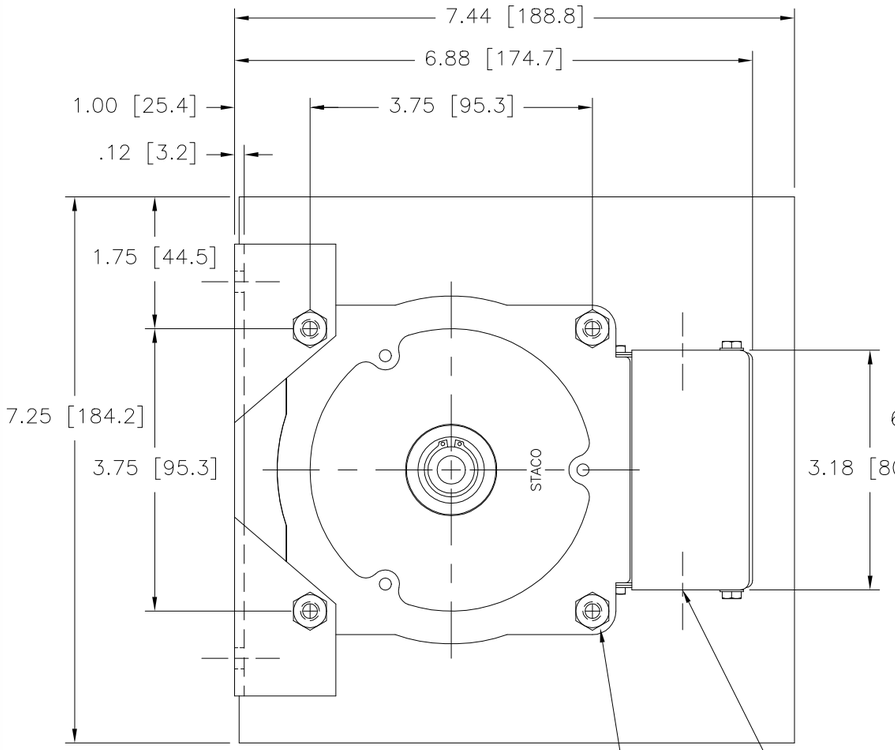
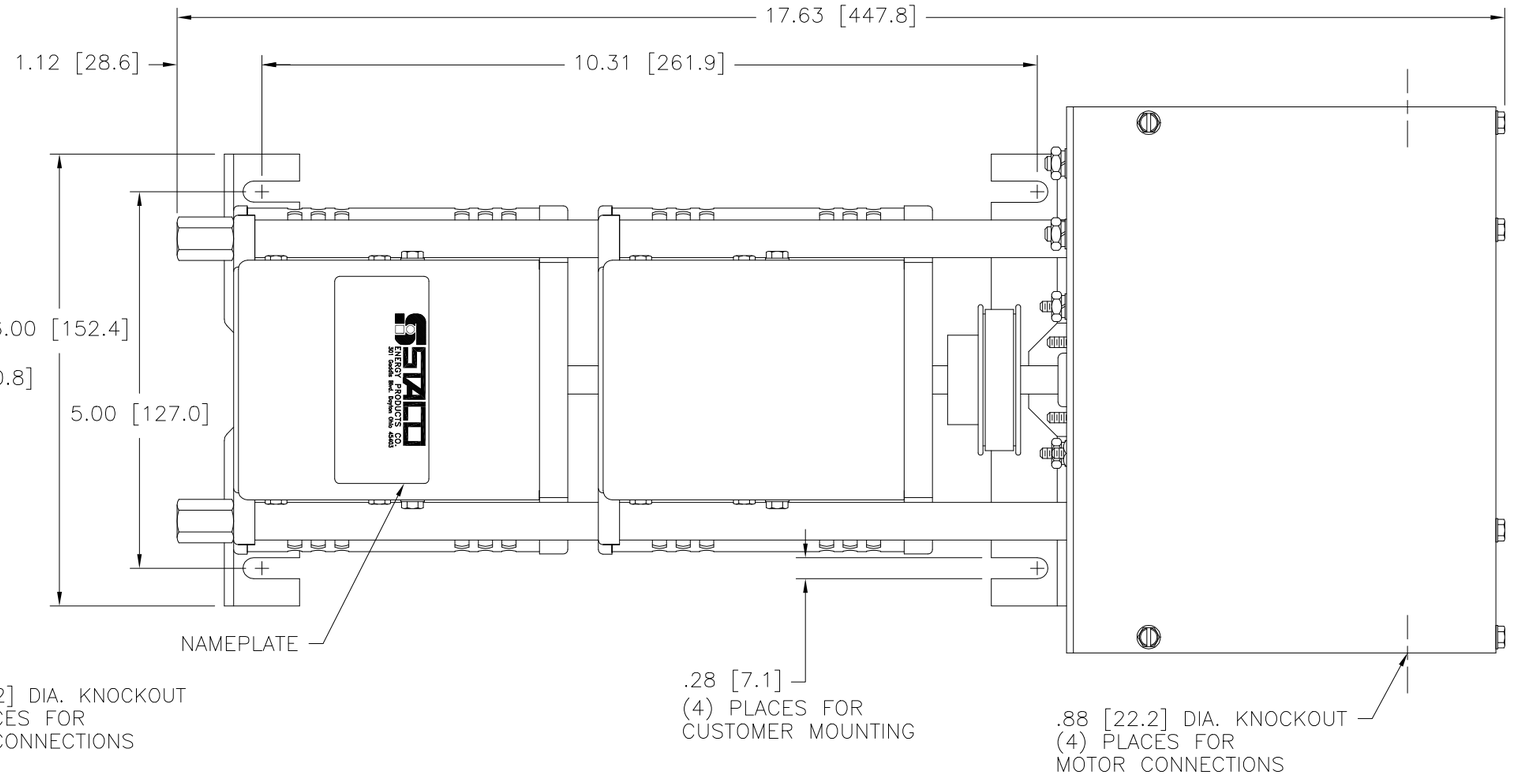
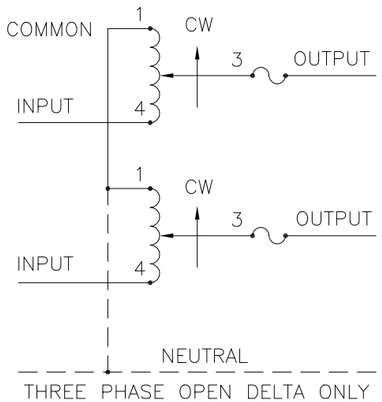
DWG. SIZE	DWG. NO.
D	031–3500

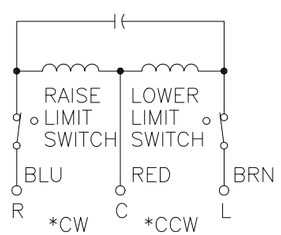
REVISIONS			
SYM.	E.C.N.	DATE	APVD.
A	24194	4/26/00	
	DELETED BLIND HOLES		







SCHEMATIC
THREE PHASE OPEN DELTA AND SINGLE PHASE SERIES. FUSE RECOMMENDED BUT NOT SUPPLIED.



MOTOR CIRCUIT
120V, 50/60 HZ
* ROTATION AS VIEWED FROM MOTOR END
MOTOR SPEED: SEE CHART

\+ MOTOR DRIVEN UNITS USE TERMINAL CONNECTIONS FOR CCW INCREASING VOLTAGE, AS VIEWED FROM BASE END.

π IF GANGED UNITS ARE USED IN A SYSTEM THAT ORDINARILY HAS A COMMON NEUTRAL OR GROUND BETWEEN SOURCE AND LOAD, THE NEUTRAL OR GROUND MUST BE CONNECTED TO THE COMMON TERMINALS OF THE VARIABLE TRANSFORMER ASSEMBLY. IF THE SYSTEM HAS NO NEUTRAL, THE LOAD MUST BE BALANCED OR THE TRANSFORMER WILL BE DAMAGED.

■ JUMPER PROVIDED IN STANDARD COMMON POSITION AND SHOULD BE MOVED OR REMOVED AS REQUIRED.

++ LINE TO LINE VOLTAGE.

SPEED (SECONDS)	MODEL NUMBER
5	5M1220BCT–2
15	15M1220BCT–2
30	30M1220BCT–2
60	60M1220BCT–2

SPECIFICATIONS

WIRING	INPUT VOLTS	INPUT HERTZ	OUTPUT VOLTS	OUTPUT CONSTANT CURRENT LOAD MAX. AMPS	OUTPUT CONSTANT CURRENT LOAD MAX. KVA	OUTPUT CONSTANT IMPEDANCE LOAD MAX. AMPS	OUTPUT CONSTANT IMPEDANCE LOAD MAX. KVA	SHAFT ROTATION TO INCREASE VOLTAGE	TERMINAL CONNECTIONS FOR INCREASING VOLTAGE AS VIEWED FROM BASE END + INPUT	JUMPER■	OUTPUT
SINGLE PHASE SERIES	480	60	0–480	5.0	2.40	7.0	3.36	CW	1–1	4–4	3–3
								CCW	4–4	1–1	3–3
THREE PHASE OPEN DELTA π	240 ++	60	0–240	5.0	2.08	7.0	2.91	CW	1–4–1	4–4	3–4–3
								CCW	4–1–4	1–1	3–1–3

UNLESS OTHERWISE SPECIFIED, TOLERANCE IS ±
DECIMALS .XX .06 .XXX .005 HOLES .002 ANGLES 1° DRAFT 1–1/2°
UNITS IN [mm]
MATERIAL :
ALL DIMENSIONS APPLY AFTER PLATING

TITLE: SPEC. CONTROL DRAWING
MOTORIZED VARIABLE XFMR
MODEL: M1220BCT–2

STACO ENERGY PRODUCTS CO.
A COMPONENTS CORPORATION OF AMERICA COMPANY
DAYTON, OHIO U.S.A.

DRAWN BY	DATE	FIRST USED ON	DO NOT SCALE DWG.	CUSTOMER APPROVAL	DATE
S.A. SMITH	9/26/97				
CHECKER	DATE	WEIGHT APPROX. 30.75 LBS	CODE IDENT. NO. 83008	DWG. SIZE D	DWG. NO. 031–3500
ENGINEER	DATE	SCALE 1=1	SHEET 1 OF 1		