

 APPROXIMATE WEIGHT: 80KVA 1100 LBS.

100KVA 1500 LBS.

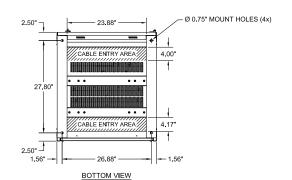
- 2. ASSEMBLY IS UL/CUL LISTED TO UL 891 AND C22.2 NO. 244.

- 2. ASSEMBLY IS DUCUDLESTED TO DE 691 AND C22.2 NO. 244.

  3. NEMA 1 TYPE ENCLOSURE.

  4. THE CABINET IS CONSTRUCTED FROM GALVANIZED STEEL.

  5. THE CABINET IS TO BE MOUNTED THROUGH THE 0.750" HOLES IN THE CABINET LEGS. THE LEGS ARE FORMED FROM 10 GAUGE STEEL.
- 6. FINISH IS POWDER COAT ON ALL EXTERNAL AND VISIBLE SURFACES, INTERIOR
- PANELS AND MOUNT BRACKETS ARE GALVANIZED FINISH.
- 7. A MINIMUM REAR CLEARANCE OF 6" IS REQUIRED FOR OPTIMAL COOLING OF THE EQUIPMENT.



## 80KVA-100KVA 3 BREAKER BYPASS 480D-208Y/120V OUTPUT TRANSFORMER

MAINTENANCE BYPASS CABINET WITH XFRMR FOR TLE SERIES UPS

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF C&C POWER, INC. ANY REPRODUCTION WITHOUT THE WRITTEN CONSENT OF C&C POWER, INC IS PROHIBITED.

	SCALE SIZE: A REV. 2				SHEET 1 OF 2		
	XX ± 13 ±1° XXX ± 062				CHECKE	CH	9/5/2019
	TOLERANCES: DECIMALS: ANGLES:				DRAWN TD		8/23/2019
	DIMEN		ARE IN IN			ALS	DATE



		TRANSFORMER RATINGS									
UPS KVA	XFRMR KVA	PRIMARY VOLTAGE	SECONDARY VOLTAGE	FREQUENCY	MATERIAL	TEMP RISE	K FACTOR	EFFICIENCY	NEUTRAL	OUTPUT TO LOAD	
80	80	480	208Y/120	60 HZ	AL	150°C	K13	DOE-2016	200% RATED ACCEPTS (2) 6 - 350	(1) 6 - 350 PER PHASE	
100	100	480	2081/120	60 HZ	CU	150 C	KIS	DOE-2016	200% RATED ACCEPTS (2) 2 - 600	(1) 2 - 600 PER PHASE	

TO UPS AC INPUT  (3Ø, 4W, G)  AØ  BØ  CØ  N  G  G	UTILITY INPUT (3Ø, 4W, G)  AØ BØ CØ N G  KFL003711S  MBB  MBB	NIB AØ TO UPS	AC OUTPUT , 4W, G)	
USING COPPER BUS BARS. 5. GROUND LUG ACCEPTS (4) #6 - 250 7. UTILITY INPUT NEUTRAL BUS IS 600 THAT ACCEPT A TOTAL OF (4) #6 - 3	EAKER CTIONS BETWEEN "UIB", "MBB" AND "MIB" ARE MADE  MCM CABLES. A RATED AND PROVIDED WITH MECHANICAL LUGS	PRIMARY 480V DELTA 3 PHASE, 3 WIRE  H3  H2  H1  H1  SHIELDS	SECONDARY 208Y/120V 3 PHASE, 4 WIRE  X3  C  X2  B  X1  A  X1  A	OUTPUT TO LOAD (3Ø, 4W, G)

CIRCUIT BREAKER SUMMARY									
<u>KVA</u>	<u>AIC</u>	BREAKER MODEL	LOCATION	<u>TRIP</u>	WIRE RANGE				
80 &	35K @ 480VAC	SFHA36AT0250	UIB, MBB, & MIB	175A	(4) 9 350				
100	65K @ 480VAC	SFLA36AT0250	UIB, MBB, & MIB	175A	(1) 8 - 350				

## MAINTENANCE BYPASS CABINET WITH XFRMR FOR TLE SERIES UPS 80KVA-100KVA 3 BREAKER BYPASS

## 480D-208Y/120V OUTPUT TRANSFORMER

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF C&C POWER, INC. ANY REPRODUCTION WITHOUT THE WRITTEN CONSENT OF C&C POWER, INC IS PROHIBITED.

	DIMEN		ARE IN INC	CHES	INIT	ALS	DATE
	DE	TOLER SIMALS:	ANCES: ANGLI		DRAWN	TD	8/23/2019
	XX ±.13 ±1°  XXX ±.062  SCALE: SIZE: A REV: 2				CHECKE	СН	9/5/2019
					SHEET 2 OF 2		



"UIB" CIRCUIT BREAKERS.

1. THE "E" OR "W" NEXT TO THE INTERLOCK INDICATES THE POSITION OF THE INTERLOCK

8. MECHANICAL LUGS USED FOR THE UTILITY INPUT HAVE THE SAME WIRE RANGE AS THE

10. CABLE KIT PROVIDED FOR CONNECTIONS TO UPS AC INPUT AND UPS AC OUTPUT. CABLE

"UIB" CIRCUIT BREAKERS.
9. MECHANICAL LUGS ARE PROVIDED FOR THE OUTPUT TO LOAD AND X0 NEUTRAL

CONNECTIONS. SEE TRANSFORMER RATINGS TABLE FOR WIRE RANGE INFO.

11. THIS DRAWING IS TO BE USED FOR ELECTRICAL PURPOSES ONLY AND DOES NOT REPRESENT THE ACTUAL MECHANICAL LAYOUT OF THE EQUIPMENT.

- BOLT WHEN THE KEY IS REMOVABLE. "E" = EXTENDED AND "W" = WITHDRAWN.
- BOLT WHEN THE KEY IS REMOVABLE. "E" = EXTENDED AND "W" = WITHORAWN.

  2. THE KEY OR KEYS NEXT TO THE INTERLOCK INDICATES THE KEY NUMBER THAT FUNCTIONS WITH THE INTERLOCK.

KIT SIZED FOR SIDE BY SIDE LINE UP WITH UPS.