


CUSTOMER WIRING REQUIREMENTS

- FOR 0 TO 100 AMPS, USE A MINIMUM OF 60 °C - 75 °C COPPER WIRE. (USE COPPER CONDUCTORS ONLY)
- FOR ABOVE 100 AMPS, USE A MINIMUM OF 75 °C COPPER WIRE. (USE COPPER CONDUCTORS ONLY)

TABLE 1		A.C. LINE WIRING							
HV600 NARROW BYPASS MODEL NO. BASE NUMBER H6BNXXXX		WITH OPTION PM CIRCUIT BREAKER CB1				STANDARD NON-FUSED INPUT DISCONNECT SWITCH S1			
208V	480V	MFG. PART NUMBER	CURRENT RATING (AMPS)	WIRE SIZE RANGE (AWG)	TIGHTENING TORQUE (LB.-IN.)	MFG. PART NUMBER	CURRENT RATING (AMPS)	WIRE SIZE RANGE (AWG)	TIGHTENING TORQUE (LB.-IN.)
D002	B001	H__36015	15	14 - 10 OR 8 - 3/0	50 OR 120	V0	20	14 - 8	19
D003	B002								
D004	B003								
	B004								
D007	B007	H__36020	20			V3	45	10, 8, OR 6 - 2	35, 40, OR 50
D010	B011	H__36025	25						
	B014	H__36035	35						
D016		H__36040	40						
	B021	H__36050	50			V4	63	8 - 2/0	200
D024	B027	H__36060	60						
D030	B034	H__36070	70						
	B040	H__36080	80			V5	100	8 - 2/0	200
D046	B052	H__36110	110						
D059		H__36125	125						

TABLE 2		A.C. MOTOR WIRING			EARTH GROUND WIRING		CONTROL WIRING					
HV600 NARROW BYPASS MODEL NO. BASE NUMBER H6BNXXXX		STANDARD MOTOR TERMINAL BLOCK TB1			GROUND LUG		A1 TERMINAL BLOCKS TB1, TB3-TB6		A1 TERMINAL BLOCK TB2 (FE)		A2 TERMINAL BLOCKS TB1-TB4 AND TB6	
208V	480V	MFG. PART NUMBER	WIRE SIZE RANGE (AWG)	TIGHTENING TORQUE (LB.-IN.)	WIRE SIZE RANGE (AWG)	TIGHTENING TORQUE (LB.-IN.)	WIRE SIZE RANGE (AWG)	TIGHTENING TORQUE (LB.-IN.)	WIRE SIZE RANGE (AWG)	TIGHTENING TORQUE (LB.-IN.)	WIRE SIZE RANGE (AWG)	TIGHTENING TORQUE (LB.-IN.)
D002	B001	NDN111A-WH	14 - 2	32	14 - 10, 8, 6 - 4, OR 2	35, 40, 45, OR 50	24 - 16	4.4 - 5.3	24 - 18	8.85 - 10.62	26 - 14	4
D003	B002											
D004	B003											
D007	B004											
D010	B007											
D016	B011											
D024	B014											
D030	B021											
D046	B027											
D059	B034											
	B040											
	B052											

<p align="center">REVISIONS</p> <table border="1"> <thead> <tr> <th>REV.</th> <th>DESCRIPTION</th> <th>ECO #</th> <th>DRAWN BY</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>00</td> <td>INITIAL RELEASE</td> <td>-</td> <td>KAP</td> <td>05/16/22</td> </tr> </tbody> </table>					REV.	DESCRIPTION	ECO #	DRAWN BY	DATE	00	INITIAL RELEASE	-	KAP	05/16/22		DRAWN BY: K. PEOPLES	DATE: 05/13/22	TITLE: CUSTOMER CONNECTION HV600 BYPASS NARROW TYPE 12		
					REV.	DESCRIPTION	ECO #	DRAWN BY	DATE											
00	INITIAL RELEASE	-	KAP	05/16/22																
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