


CUSTOMER WIRING REQUIREMENTS

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

TABLE 1			A.C. LINE WIRING				A.C. MOTOR WIRING			
IQPUMPMICRO CONFIG. MODEL NO. BASE NUMBER Q1M*XXXX			TO DISCONNECT SWITCH S1				WITH OPTION PH, TO LOAD REACTOR L4			OR, WITHOUT OPTION PH, TO AC DRIVE
240V	240V	480V	MFG. PART NUMBER	CURRENT RATING (AMPS)	WIRE SIZE RANGE (AWG)	TIGHTENING TORQUE (LB.-IN.)	MFG. PART NUMBER	WIRE SIZE RANGE (AWG)	TIGHTENING TORQUE (LB.-IN.)	CUSTOMER TO SUPPLY A UL LISTED CLOSED-LOOP CONNECTOR, PER THE AC DRIVE TECHNICAL MANUAL. USE 75C COPPER WIRE ONLY.
		B002	OT30F3	30	14 - 4	55	RLW-03P40_	22 - 10	4.5	
H006		B004					RLW-07P60_			
	A006	B005					RLW-00110_			
		B007					RLW-00140_			
H010	A010	B011					RLW-00210_			
H012	A012		OT60F3	60	14 - 4	55	RLW-00280_	14 - 6	16	
	A020	B018					RLW-00350_			
		B023					RLW-00460_			
H018							RLW-00550_			
	A030	B031					RLW-00830_			
	A040	B038	OT100F3	100	8 - 1/0	55	RLW-01040_	6 - 4	45	
	A056						OR			OR
	A069						2 - 1/0			50

TABLE 2			EARTH GROUND WIRING		NEUTRAL		CONTROL WIRING	
IQPUMPMICRO CONFIG. MODEL NO. BASE NUMBER Q1M*XXXX			GROUND LUGS		TERMINAL BLOCK TBN1		TERMINAL BLOCK TB1	
240V	240V	480V	WIRE SIZE RANGE (AWG)	TIGHTENING TORQUE (LB.-IN.)	WIRE SIZE RANGE (AWG)	TIGHTENING TORQUE (LB.-IN.)	WIRE SIZE RANGE (AWG)	TIGHTENING TORQUE (LB.-IN.)
		B002	14-10	35	16-10	35	24 - 16	4.4 - 5.3
		B004	OR	OR	OR	OR		
H006	A006	B005	8	40	8	40		
H010	A010	B007	OR	OR	OR	OR		
H012	A012	B009	6-4	45	6-4	45		
H018	A020	B011	OR	OR				
	A030	B018	2-1/0	50				
	A040	B023						
	A056	B031						
	A069	B038						

REVISIONS				
REV.	DESCRIPTION	ECO #	DRAWN BY	DATE
00	INITIAL RELEASE	-	DRC	11/4/14

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