

4

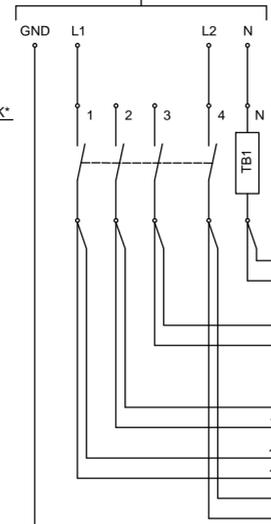
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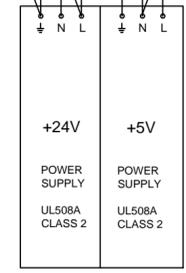
1

CONTROL BOX 10382

SOURCE 1
220 V
SINGLE PHASE
(SEE TABLE I)



FUSES
SEE TABLE IV



FILTER

SURGE SUPPRESSOR

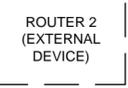
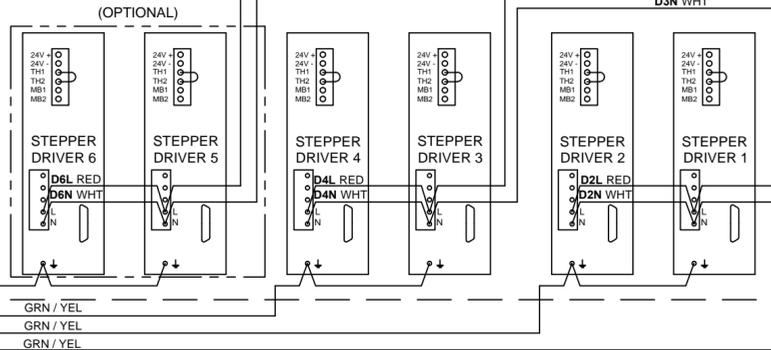


CAUTION-RISK OF ELECTRIC SHOCK

FIELD INSTALLED BY MANUFACTURER

CABINET CHASSIS
-COPPER WIRE
ONLY
-TORQUE: 35 IN-LB
(4 NM)

ORIENTAL MOTOR ARD-A
STEPPER DRIVERS
* 6A, 110V PER EACH DRIVER
* USE MOTOR ARM98AC-T7.2
* USE CABLE PROVIDED FROM
DRIVER TO MOTOR
* DRIVERS INSTALLED BY
MANUFACTURER



ROUTER 2
(EXTERNAL
DEVICE)
USE INTERNAL
IMPEDANCE
PROTECTED
MOTOR ONLY

ROUTER 1
(EXTERNAL
DEVICE)
USE INTERNAL
IMPEDANCE
PROTECTED
MOTOR ONLY

ALL WIRING, CONDUCTOR SIZE AND CONDUCTOR TYPE DEVIATIONS MUST BE APPROVED BY SHOPBOT TOOLS
*CONTACT SHOPBOT TOOLS FOR OPTIONAL WIRING INFORMATION

TOTAL FULL LOAD	LARGEST MOTOR LOAD	RECOMMENDED BRANCH PROTECTION (INVERSE TIME CIRCUIT BREAKER)(PROVIDED BY ELECTRICIAN)	FIELD WIRING TERMINALS	WIRE SIZE (AWG) *	SO CORD *	WIRE TYPE *	SCREW TORQUE
30 A	15 A	20 A	DISCONNECT 1, 4- LINE	8	6	75°C USE COPPER CONDUCTORS ONLY	25 IN-LBS (2.8 NM)
			TERMINAL BLOCK N- NEUTRAL	8	6		19 IN-LBS (2.1 NM)

	LOAD	FIELD WIRING TERMINALS	WIRE SIZE (AWG) *	SO CORD *	WIRE TYPE *	SCREW TORQUE
ROUTER 1	15 A	CONTACTOR M1- T1	12	12	75°C USE COPPER CONDUCTORS ONLY	17.5 IN-LBS (2 NM)
		TERMINAL BLOCK TB2	12	12		19 IN-LBS (2.1 NM)
ROUTER 2	15 A	CONTACTOR M5- T1	12	12		17.5 IN-LBS (2 NM)
		TERMINAL BLOCK TB2	12	12		19 IN-LBS (2.1 NM)

FUSE NO.	RATING
F1	20A CLASS CC-600V (LITTLE FUSE CCMR20A)
F2	3A CLASS CC-600V (LITTLE FUSE CCMR3A)
F3	15A CLASS CC-600V (LITTLE FUSE CCMR15A)
F4	15A CLASS CC-600V (LITTLE FUSE CCMR15A)

DIM UNITS: MM SCALE: NONE

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ShopBot
Durham, North Carolina

TITLE: **POWER DIAGRAM BOX 010401-57**

DRAWN: **KWP** DATE: **4/7/15** CHECKED: DATE: APPROVED: DATE:

SIZE: **C** DRAWING NUMBER: **004467-00** REV: **1**

PART NUMBER: **004467-01** SHEET 1 OF 1

REV	CHG NOTICE	DATE	BY	REVISION DESCRIPTION
1	441	2/8/19	GAB	Add UL label and modify notes

4

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