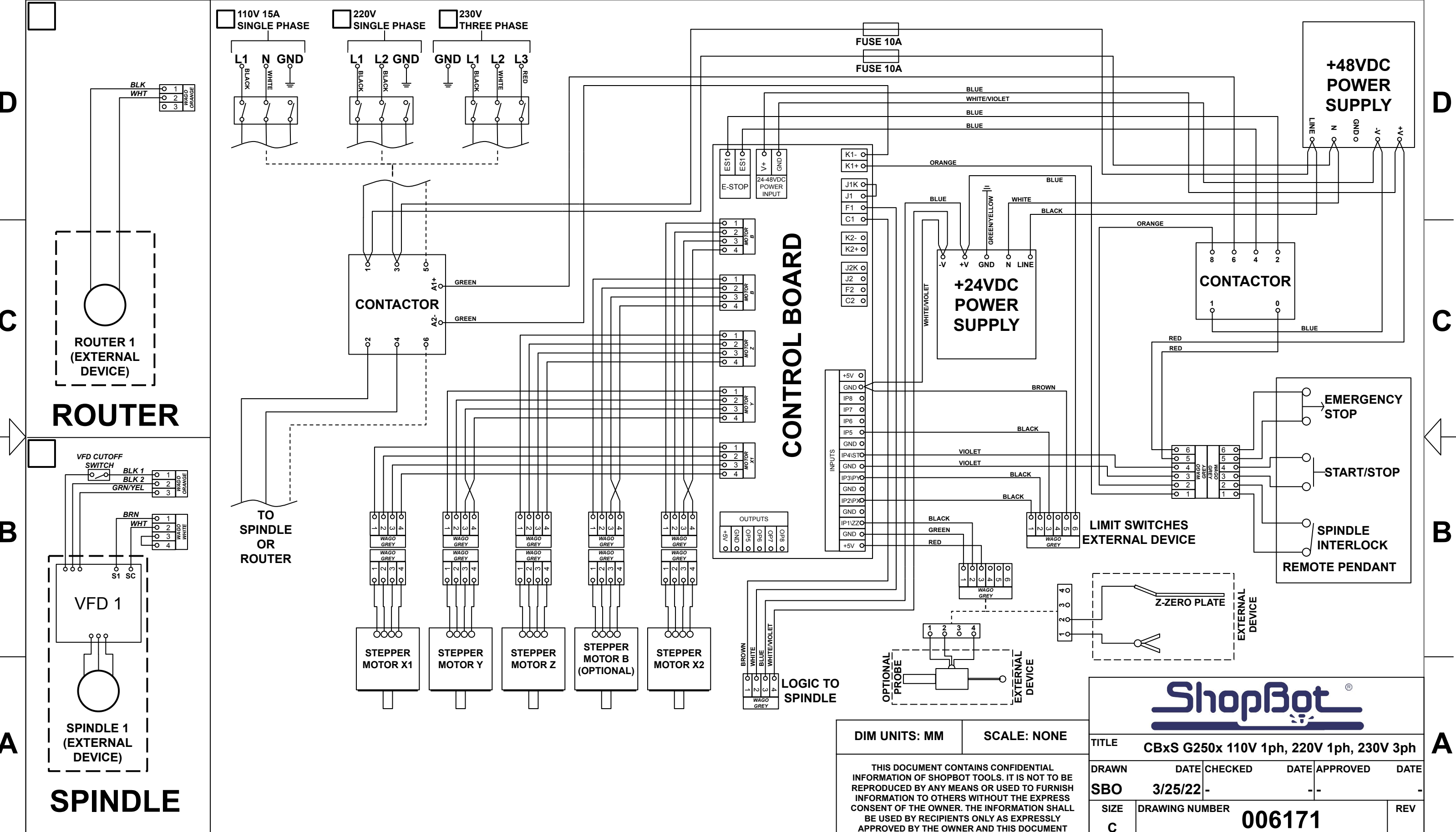


4 3 2 1



ROUTER

SPINDLE

CONTROL BOARD



DIM UNITS: MM SCALE: NONE

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TITLE CBxS G250x 110V 1ph, 220V 1ph, 230V 3ph					
DRAWN	DATE	CHECKED	DATE	APPROVED	DATE
SBO	3/25/22	-	-	-	-
SIZE	DRAWING NUMBER			REV	
C	006171			0	
PART NUMBER			SHEET 1 OF 2		
006171					

REV	CHG NOTICE	DATE	BY	REVISION DESCRIPTION

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SECTION I: CONTROL BOX 2.2-5HP SINGLE SPINDLE, 220V SINGLE PHASE POWER FOR SPINDLE 110V SINGLE PHASE POWER FOR CONTROLS

TABLE I INPUT SOURCE 1-220V 1 PHASE 60HZ. SPINDLE 1 (FILL IN CIRCLE NEXT TO THE SPINDLE SHIPPED). 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.

TABLE III OUTPUT LOAD-220V 1 PHASE 60HZ. SPINDLE 1 (FILL IN CIRCLE NEXT TO THE SPINDLE SHIPPED). YASKAWA (VFD) VARIABLE FREQUENCY DRIVE, LOAD, FIELD WIRING TERMINALS, WIRE SIZE (AWG)*, SO CORD*, WIRE TYPE*, SCREW TORQUE.

TABLE II INPUT SOURCE 1-110V 1 PHASE 60HZ. 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.

TABLE IV FUSE NO., RATING. F1 10 A CLASS CC-600V (LITTLE FUSE CCMR10A), F2 10 A CLASS CC-600V (LITTLE FUSE CCMR10A).

SECTION II: CONTROL BOX 2.2-5HP SINGLE SPINDLE, 230V THREE PHASE POWER FOR SPINDLE 110V SINGLE PHASE POWER FOR CONTROLS

TABLE I INPUT SOURCE 1-230V 3 PHASE 60HZ. SPINDLE 1 (FILL IN CIRCLE NEXT TO THE SPINDLE SHIPPED). 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.

TABLE III OUTPUT LOAD-230V 3 PHASE 60HZ. SPINDLE 1 (FILL IN CIRCLE NEXT TO THE SPINDLE SHIPPED). YASKAWA (VFD) VARIABLE FREQUENCY DRIVE, LOAD, FIELD WIRING TERMINALS, WIRE SIZE (AWG)*, SO CORD*, WIRE TYPE*, SCREW TORQUE.

TABLE II INPUT SOURCE 1-110V 1 PHASE 60HZ. 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.

TABLE IV FUSE NO., RATING. F1 10 A CLASS CC-600V (LITTLE FUSE CCMR10A), F2 10 A CLASS CC-600V (LITTLE FUSE CCMR10A).

SECTION III: CONTROL BOX 2.25-3.25HP SINGLE ROUTER, 110V SINGLE PHASE POWER FOR ROUTER AND CONTROLS

TABLE I INPUT SOURCE 1-110V 1 PHASE 60HZ. SPINDLE 1 (FILL IN CIRCLE NEXT TO THE SPINDLE SHIPPED). 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.

TABLE III OUTPUT LOAD-110V 1 PHASE 60HZ. SPINDLE 1 (FILL IN CIRCLE NEXT TO THE SPINDLE SHIPPED). LOAD, FIELD WIRING TERMINALS, WIRE SIZE (AWG)*, SO CORD*, WIRE TYPE*, SCREW TORQUE.

TABLE IV FUSE NO., RATING. F1 10 A CLASS CC-600V (LITTLE FUSE CCMR10A), F2 10 A CLASS CC-600V (LITTLE FUSE CCMR10A).



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TABLE with columns: TITLE (CBxS G250x 110V 1ph, 220V 1ph, 230V 3ph), DRAWN (SBO), DATE (3/25/22), CHECKED (-), DATE (-), APPROVED (-), DATE (-), SIZE (C), DRAWING NUMBER (006171), REV (0), PART NUMBER (006171), SHEET 2 OF 2.

REVISION TABLE with columns: REV, CHG NOTICE, DATE, BY, REVISION DESCRIPTION.

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