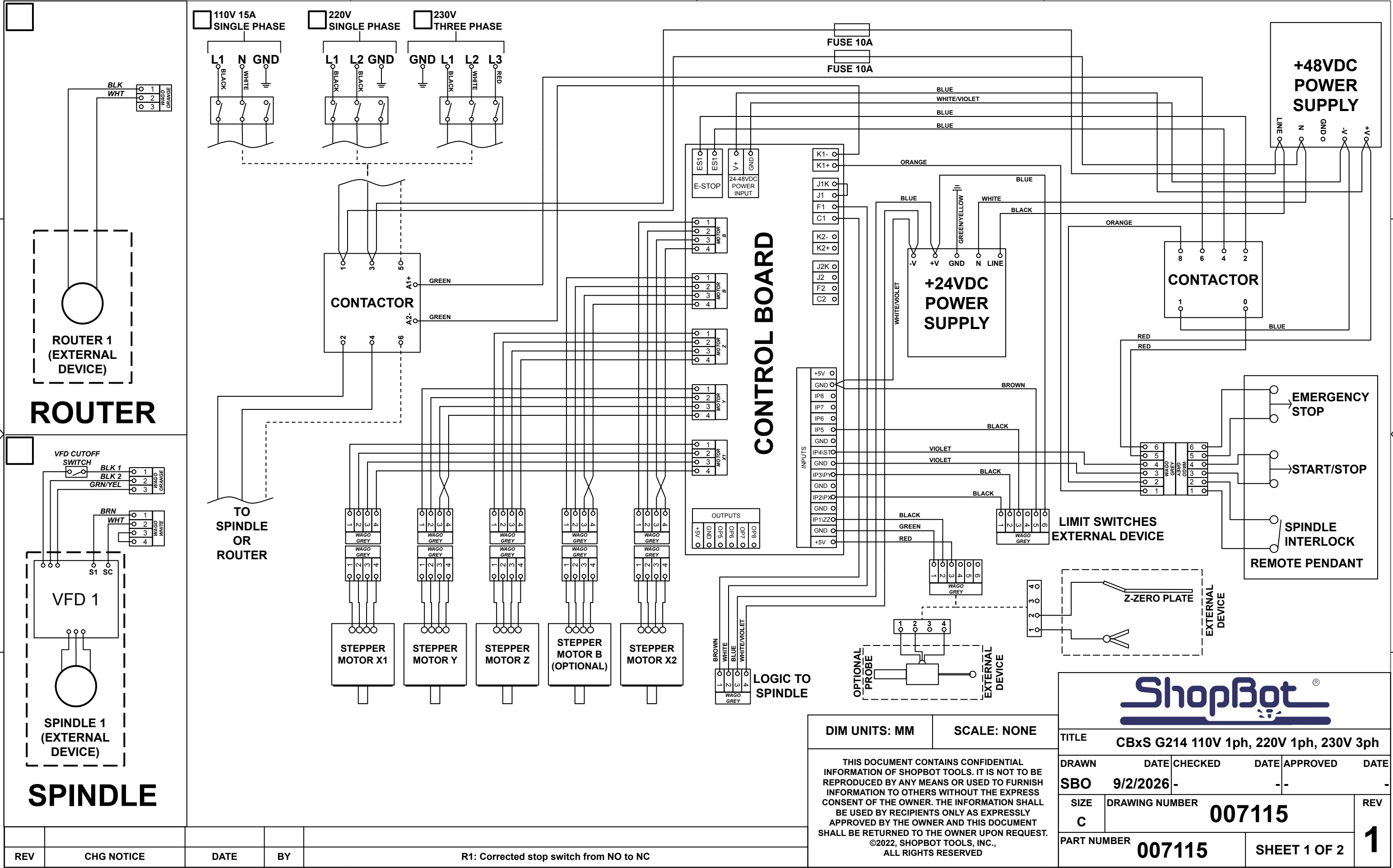




TITLE CBxS G214 110V 1ph, 220V 1ph, 230V 3ph					
DRAWN	DATE	CHECKED	DATE	APPROVED	DATE
SBO	9/2/2026	-	-	-	-
SIZE	DRAWING NUMBER 007115				REV
C					1
PART NUMBER 007115			SHEET 1 OF 2		

DIM UNITS: MM	SCALE: NONE
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REV	CHG NOTICE	DATE	BY	R1: Corrected stop switch from NO to NC
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D

SECTION I: CONTROL BOX

2.2-5HP SINGLE SPINDLE, 200-220V SINGLE PHASE POWER FOR SPINDLE 100-110V 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
O	2.2HP HSD	18.9 A	18.9 A	25 A	DISCONNECT 1,2	10	10	USE 75C COPPER CONDUCTORS ONLY	25 IN-LBS (2.8 NM)
O	3HP HSD ATC	18.9 A	18.9 A	25 A		10	10		
O	4HP HSD	26 A	26 A	40 A		8	8		
O	5HP COLOMBO	35.4 A	35.4 A	40 A		8	8		
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
14 A	6 A	15 A			DISCONNECT 4 - LINE	12	12	USE 75C COPPER CONDUCTORS ONLY	25 IN-LBS (2.8 NM)
					TERMINAL BLOCK N - NEUTRAL	12	12		6 IN-LBS (0.7 NM)

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
O	2.2HP HSD (AT/MT1073-070)	CIMR-VU2A0020GAA	18.9 A	CONTACTOR M1-T1,T2	10	12	USE 75C COPPER CONDUCTORS ONLY	26.5 IN-LBS (3 NM)
O	3HP HSD ATC	CIMR-VU2A0020GAA	18.9 A		10	12		
O	4HP HSD (AT/MT1073-140)	CIMR-VU2A0030GAA	35.4 A		8	6		
O	5HP COLOMBO (TS 90/2 FP1 SB CPE)	CIMR-VU2A0040GAA	35.4 A		8	6		
TABLE IV								
FUSE NO.	RATING							
F1	10 A CLASS CC-600V (LITTLE FUSE CCMR10A)							
F2	10 A CLASS CC-600V (LITTLE FUSE CCMR10A)							

C

SECTION II: CONTROL BOX

2.2-5HP SINGLE SPINDLE, 200-230V THREE PHASE POWER FOR SPINDLE 100-110V 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
O	2.2HP HSD	11 A	11 A	15 A	DISCONNECT 1,2,3	12	12	USE 75C COPPER CONDUCTORS ONLY	25 IN-LBS (2.8 NM)
O	3HP HSD ATC	11 A	11 A	15 A		12	12		
O	4HP HSD	18.9 A	18.9 A	25 A		10	10		
O	5HP COLOMBO	18.9 A	18.9 A	25 A		10	10		
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
14 A	6 A	15 A			DISCONNECT 4 - LINE	12	12	USE 75C COPPER CONDUCTORS ONLY	25 IN-LBS (2.8 NM)
					TERMINAL BLOCK N - NEUTRAL	12	12		6 IN-LBS (0.7 NM)

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	
O	2.2HP HSD (AT/MT1073-070)	CIMR-VU2A0012GAA	11 A	CONTACTOR M1-T1,T2,T3	12	12	USE 75C COPPER CONDUCTORS ONLY	17.5 IN-LBS (2 NM)	
O	3HP HSD ATC	CIMR-VU2A0012GAA	11 A		12	12			
O	4HP HSD (AT/MT1073-140)	CIMR-VU2A0020GAA	18.9 A		10	12			
O	5HP COLOMBO (TS 90/2 FP1 SB CPE)	CIMR-VU2A0020GAA	18.9 A		10	12			

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

B

SECTION III: CONTROL BOX

2.25-3.25HP SINGLE ROUTER OR 1HP SINGLE SPINDLE, 100-110V 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
O	1HP HSD ATC	15 A	15 A	20 A	DISCONNECT 1,3	12	12	USE 75C COPPER CONDUCTORS ONLY	31 IN-LBS (3.5 NM)
O	2.25HP DEWALT 618	20 A	15 A	20 A		12	12		
O	3.25HP BORA	20 A	15 A	20 A		12	12		

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
O	1HP HSD ATC	15 A	CONTACTOR T1,T3	14	14	USE 75C COPPER CONDUCTORS ONLY	10.6 IN-LBS (1.2 NM)
O	2.25HP DEWALT 618	15 A		14	14		
O	3.25HP BORA	15 A		14	14		

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

A

REV

CHG NOTICE

DATE

BY

REVISION DESCRIPTION

DIM UNITS: MM

SCALE: NONE

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TITLE CBxS G214 110V 1ph, 220V 1ph, 230V 3ph

DRAWN SBO

DATE 9/2/2026

CHECKED -

DATE -

APPROVED -

DATE -

SIZE C

DRAWING NUMBER 007115

REV 0

PART NUMBER 007115

SHEET 2 OF 2

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