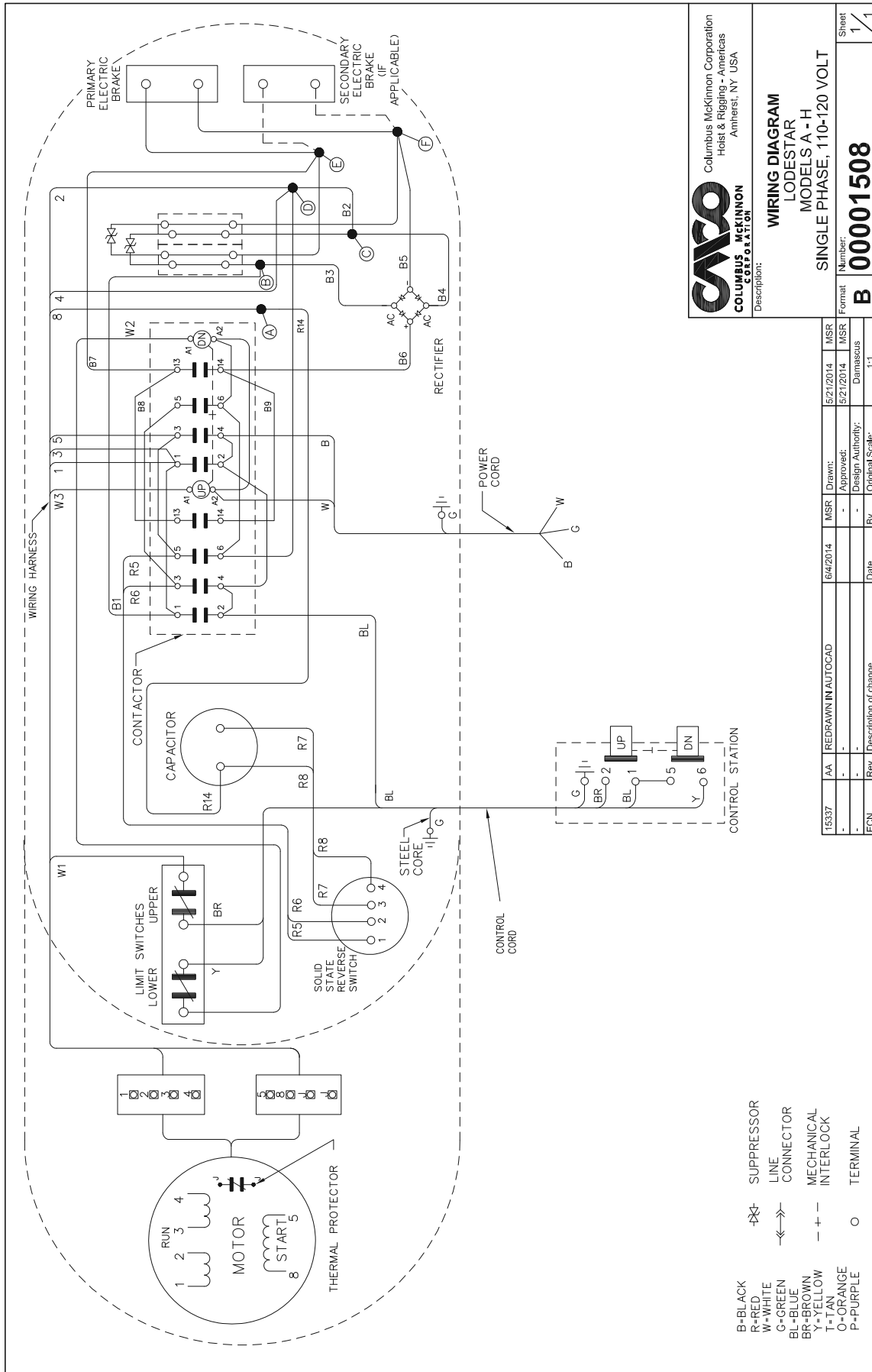


REFERENCE WIRING DIAGRAMS



CMP
COLUMBUS MCKINNON CORPORATION
 Columbus McKinnon Corporation
 Hoist & Rigging - Americas
 Amherst, NY USA

WIRING DIAGRAM
LODESTAR
MODELS A-H
SINGLE PHASE, 110-120 VOLT

Format: **B** | Number: **00001508**

ECN	Rev.	Description of Change	Date	By	MSR	MSR	MSR	MSR
-	-	-	-	-	6/4/2014	5/21/2014	5/21/2014	5/21/2014
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-

15337

REVISIONS

AA REDRAWN IN AUTOCAD

6/4/2014

MSR

5/21/2014

MSR

5/21/2014

MSR

5/21/2014

MSR

5/21/2014

ECN

Rev.

Description of Change

Date

By

MSR

MSR

MSR

MSR

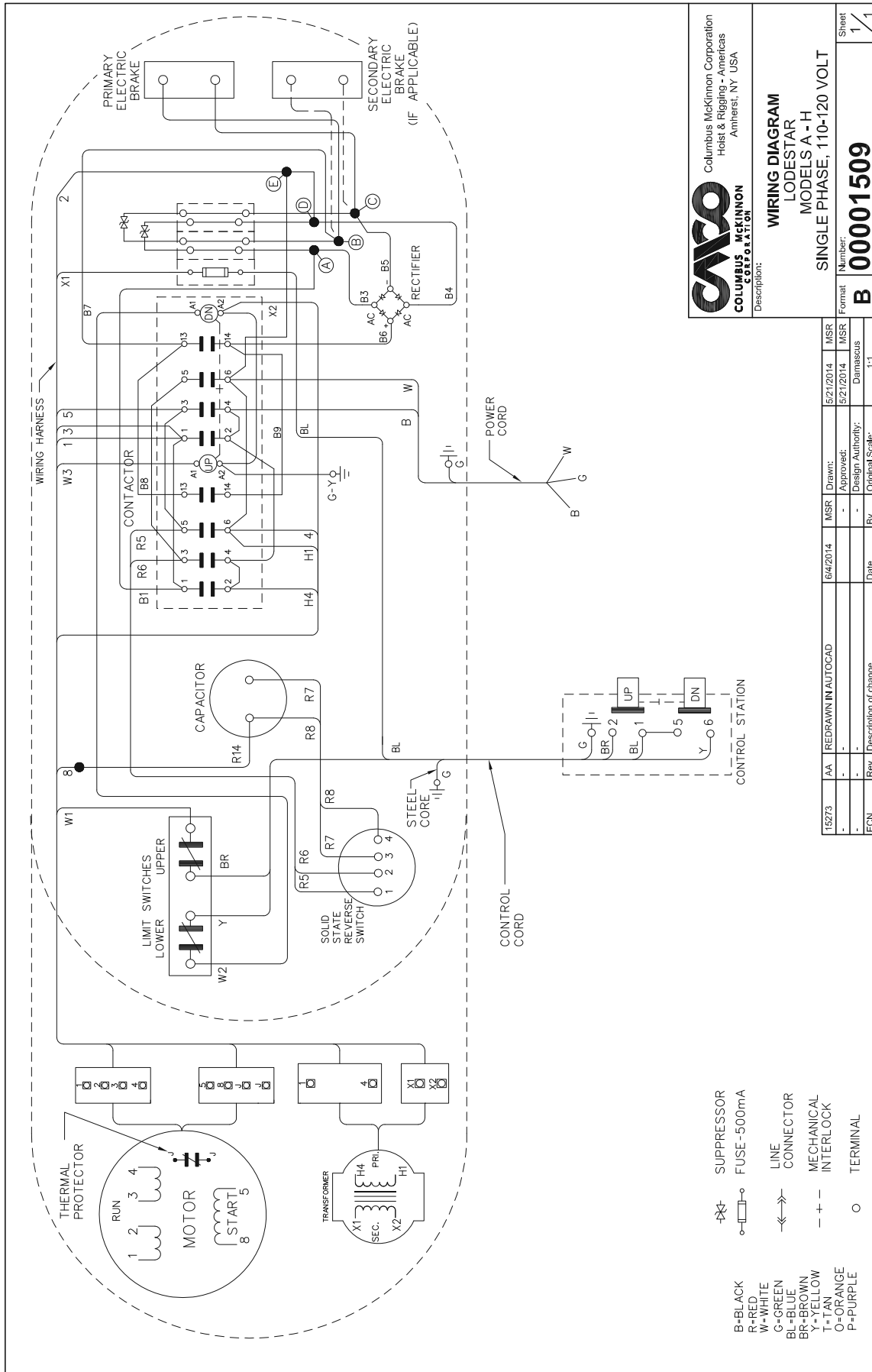
Damasius

1:1

Sheet 1 / 1

- B-BLACK
 R-RED
 W-WHITE
 G-GREEN
 BL-BLUE
 BR-BROWN
 Y-YELLOW
 T-TAN
 O-ORANGE
 P-PURPLE
- ⊗ SUPPRESSOR
 — LINE CONNECTOR
 — — MECHANICAL INTERLOCK
 ○ TERMINAL

REFERENCE WIRING DIAGRAMS



CM
COLUMBUS MCKINNON CORPORATION
 Columbus McKinnon Corporation
 Hoist & Rigging - Americas
 Amherst, NY, USA

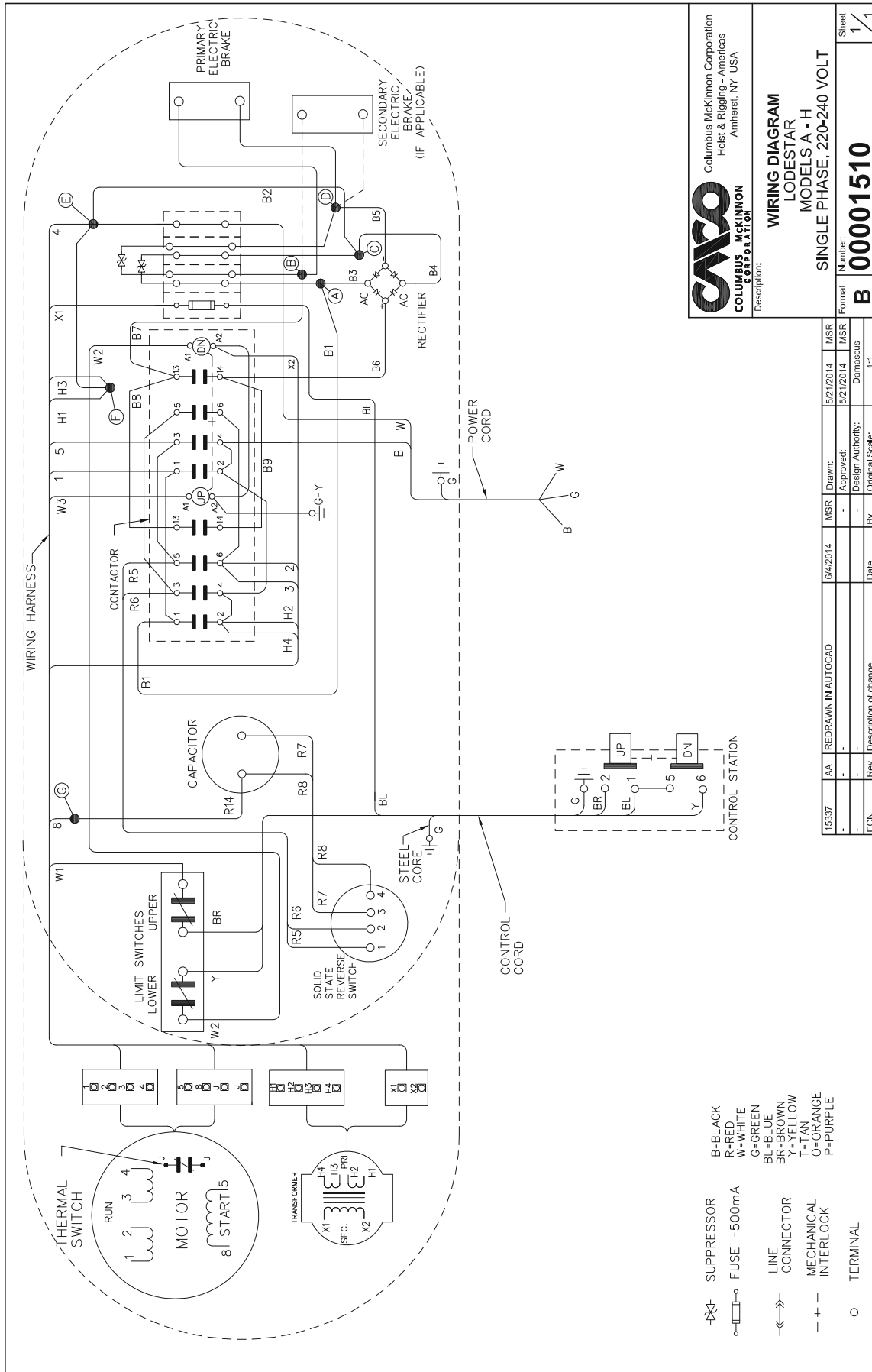
WIRING DIAGRAM
LODESTAR
MODELS A - H
 SINGLE PHASE, 110-120 VOLT

Number: **00001509**
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15273	AA	REDRAWN IN AUTOCAD	6/4/2014	MSR	Drawn:	5/21/2014	MSR
-	-	-	-	-	Approved:	5/21/2014	MSR
-	-	-	-	-	Design Authority:	Damascus	1:1
ECN	Rev.	Description of Change	Date	By	Original Scale:		

- B=BLACK
 - R=RED
 - W=WHITE
 - G=GREEN
 - BL=BLUE
 - BR=BROWN
 - Y=YELLOW
 - T=TAN
 - O=ORANGE
 - P=PURPLE
- >-> SUPPRESSOR
 - o FUSE-500mA
 - >-> LINE CONNECTOR
 - + - MECHANICAL INTERLOCK
 - o TERMINAL

REFERENCE WIRING DIAGRAMS



- SUPPRESSOR
 - FUSE -500mA
 - LINE
 - CONNECTOR
 - MECHANICAL INTERLOCK
 - TERMINAL
- B-BLACK
 - R-RED
 - W-WHITE
 - G-GREEN
 - BL-BLUE
 - BR-BROWN
 - Y-YELLOW
 - T-TAN
 - O-ORANGE
 - P-PURPLE

CM
COLUMBUS MCKINNON CORPORATION

Columbus McKinnon Corporation
Hoist & Rigging - Americas
Amherst, NY USA

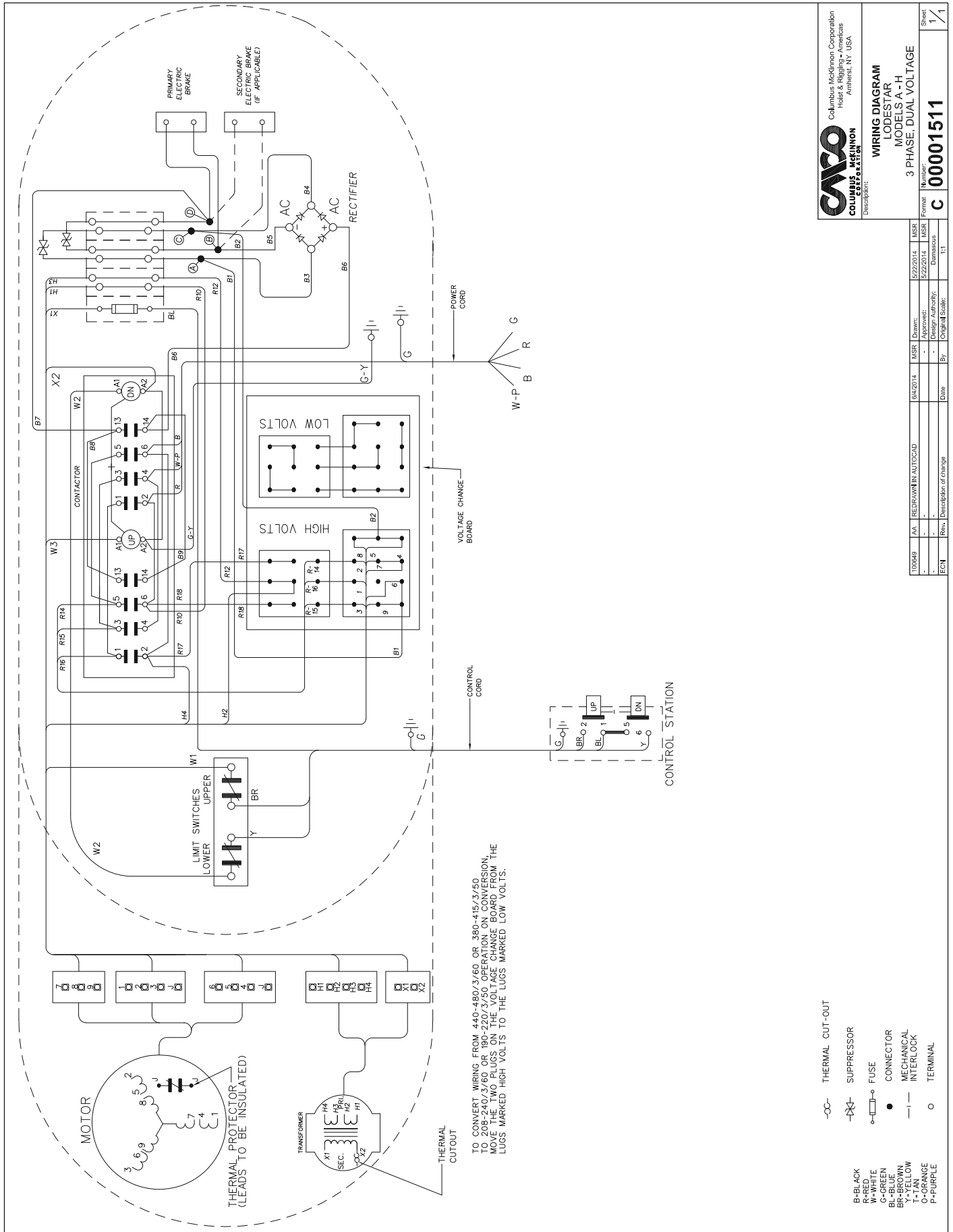
WIRING DIAGRAM
LODESTAR
MODELS A-H

SINGLE PHASE, 220-240 VOLT

Format: **B** Number: **00001510** Sheet: **1/1**

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-	-	-	-	-	Approved:	5/21/2014	MSR
-	-	-	-	-	Design Authority:	-	-
ECN	Rev.	Description of Change	Date	By	Original Scale:	Damascus	1:1

REFERENCE WIRING DIAGRAMS



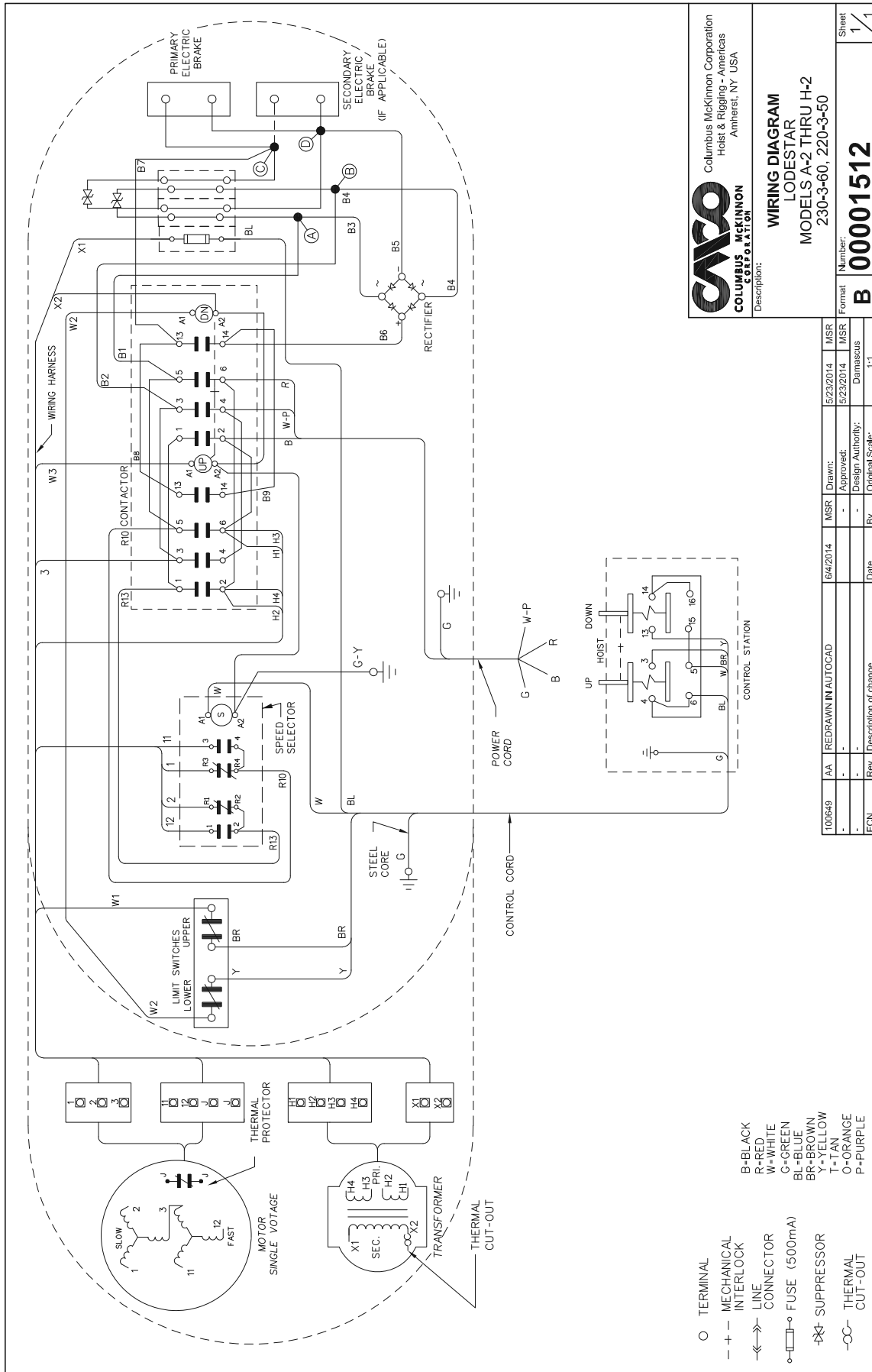
CMV
COLUMBUS McKINNON CORPORATION
 Columbus McKinnon Corporation
 Huber & Riggling - Americas
 Amherst, NY, USA

WIRING DIAGRAM
LODESTAR
MODELS A - H
3 PHASE, DUAL VOLTAGE

Formal Number: **C 00001511**

Sheet 1/1

REFERENCE WIRING DIAGRAMS



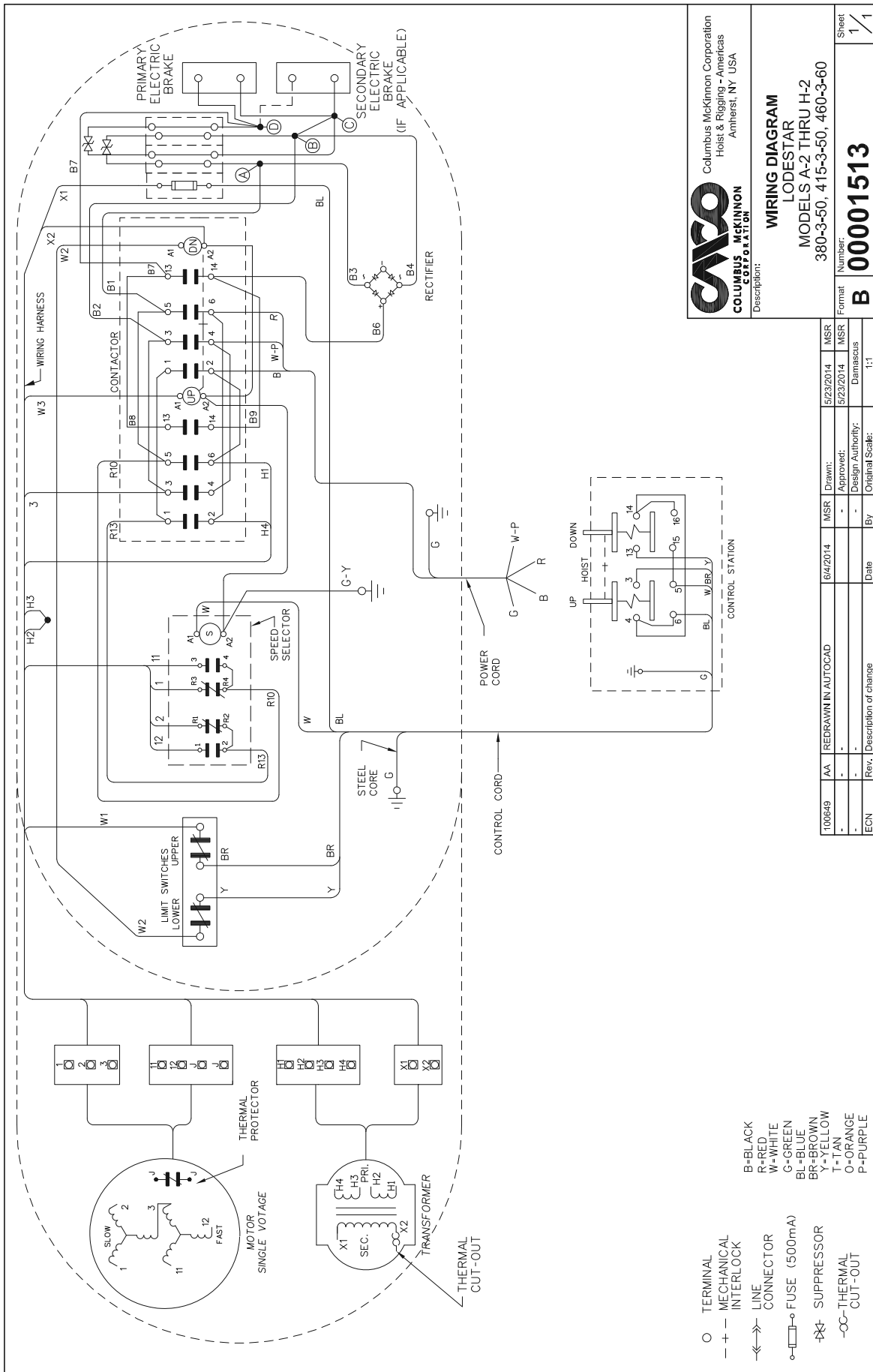
CMCO
COLUMBUS MCKINNON CORPORATION
 Columbus McKinnon Corporation
 Hoist & Rigging - Americas
 Amherst, NY USA

WIRING DIAGRAM
LODESTAR
 MODELS A-2 THRU H-2
 230-3-60, 220-3-50

Description: _____
 Number: _____
 Format: **B**
 Sheet: 1 / 1

ECN	Rev.	Description of Change	Date	By	MSR	MSR	MSR
100649	AA	REDRAWN IN AUTOCAD	6/4/2014		5/23/2014	5/23/2014	5/23/2014
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REFERENCE WIRING DIAGRAMS



CMCO
COLUMBUS MCKINNON CORPORATION
 Columbus McKinnon Corporation
 Hoist & Rigging - Americas
 Amherst, NY USA

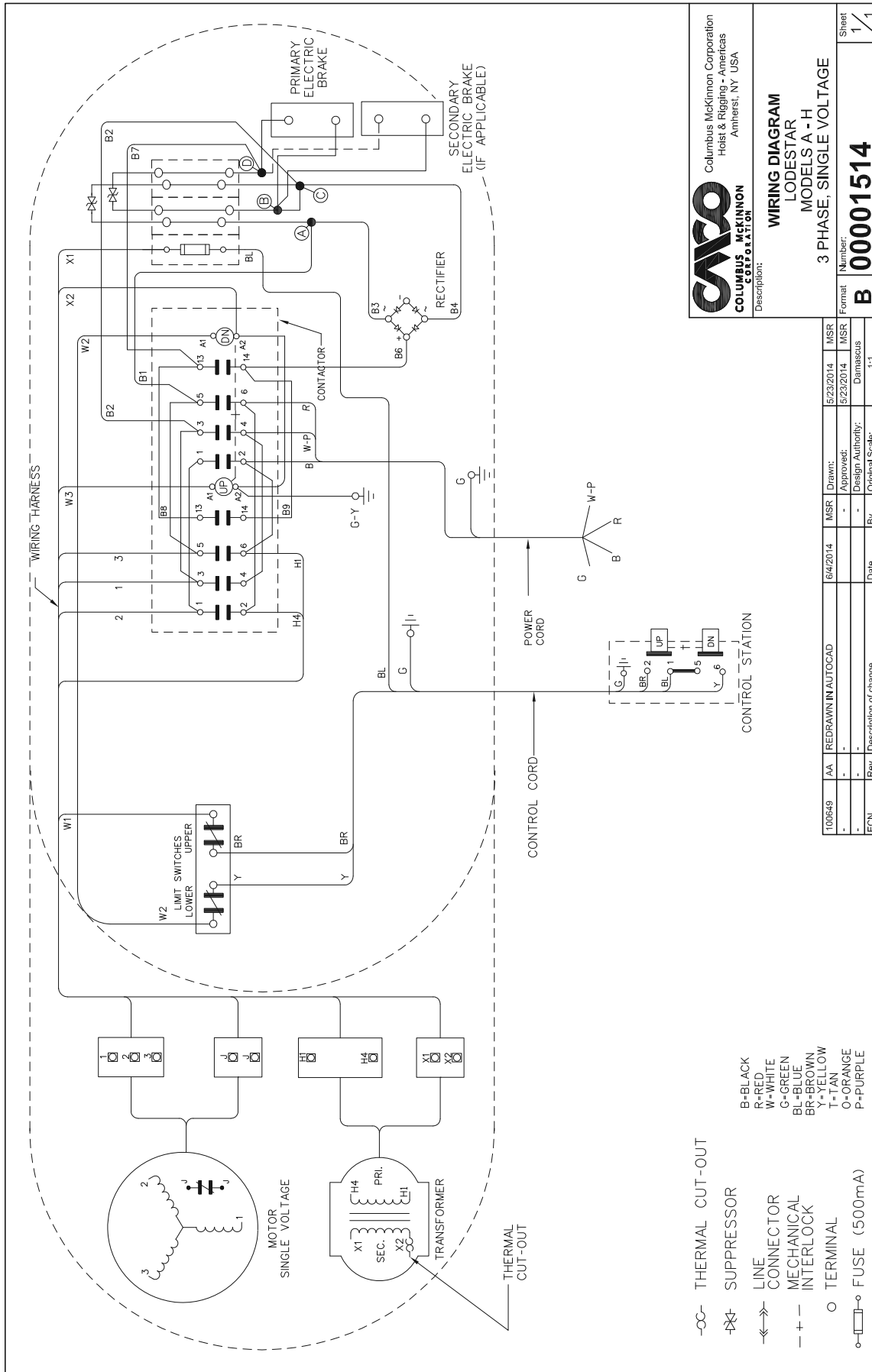
WIRING DIAGRAM
 LODESTAR
 MODELS A-2 THRU H-2
 380-3-50, 415-3-50, 460-3-60

Description: **B**
 Number: **00001513**
 Format: **B**
 Sheet: **1/1**

ECN	Rev.	Description of change	Date	By	Original Scale:
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-	-	-	-	Approved:	MSR
-	-	-	-	Design Authority:	MSR
-	-	-	-	Damascus	MSR

- TERMINAL
- + - MECHANICAL INTERLOCK
- ←→ LINE CONNECTOR
- FUSE (500mA)
- ⊕ SUPPRESSOR
- OC- THERMAL CUT-OUT
- B=BLACK
- R=RED
- W=WHITE
- C=GREEN
- B=BLUE
- BR=BROWN
- Y=YELLOW
- T=TRANCE
- O=ORANGE
- P=PURPLE

REFERENCE WIRING DIAGRAMS



CMPO
COLUMBUS MCKINNON CORPORATION
Columbus McKinnon Corporation
Hoist & Rigging - Americas
Amherst, NY, USA

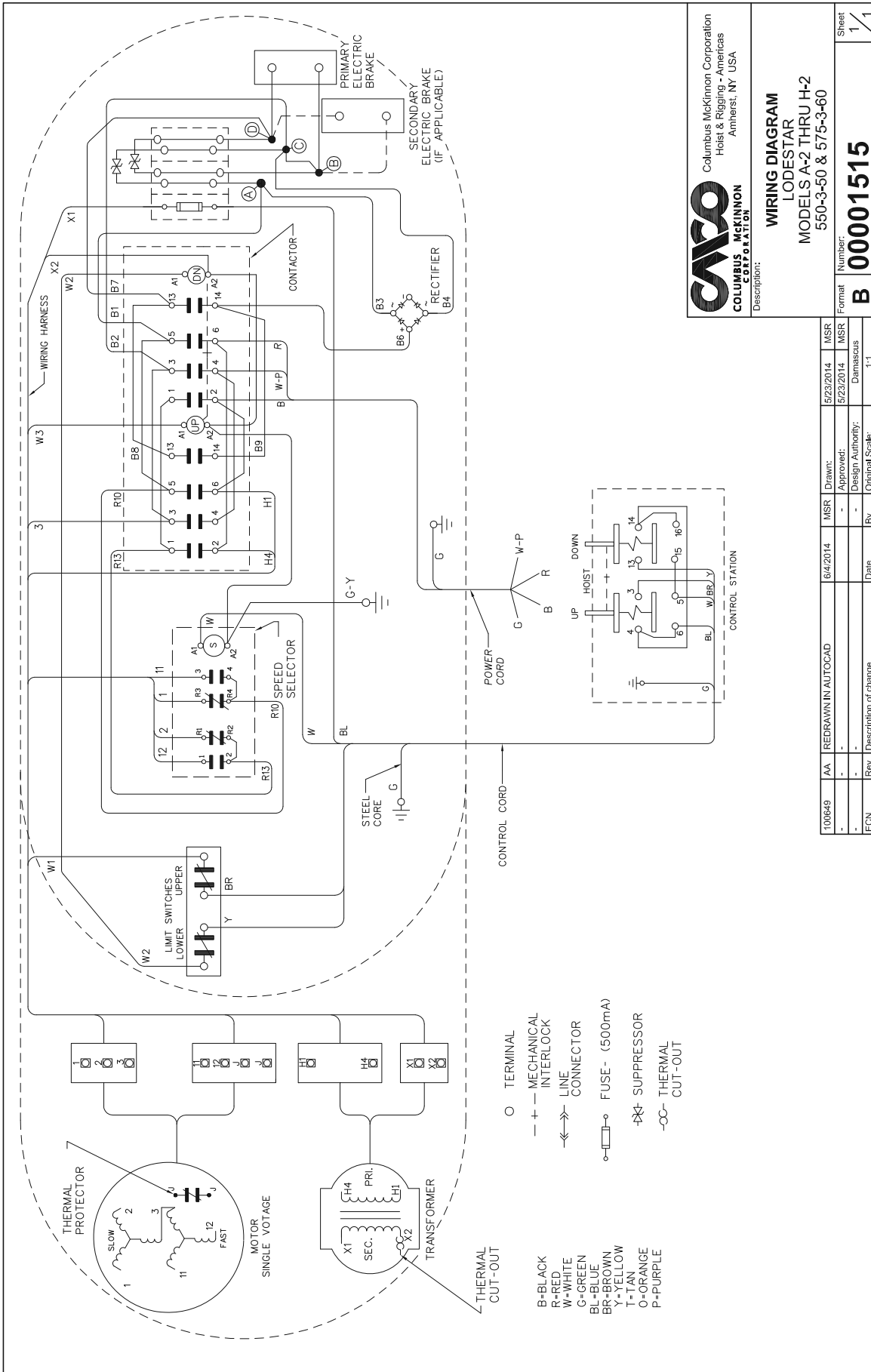
WIRING DIAGRAM
LODESTAR
MODELS A-H
3 PHASE, SINGLE VOLTAGE

Description: **B** 00001514

Number: 1/1

ECN	Rev.	Description of Change	Date	By	MSR	Drawn:	MSR	MSR
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-	-	-	-	-	Design Authority:	5/23/2014	MSR	5/23/2014
-	-	-	-	-	Original Scale:	-	-	-
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-	-	-	-	-	-	-	-	-

REFERENCE WIRING DIAGRAMS



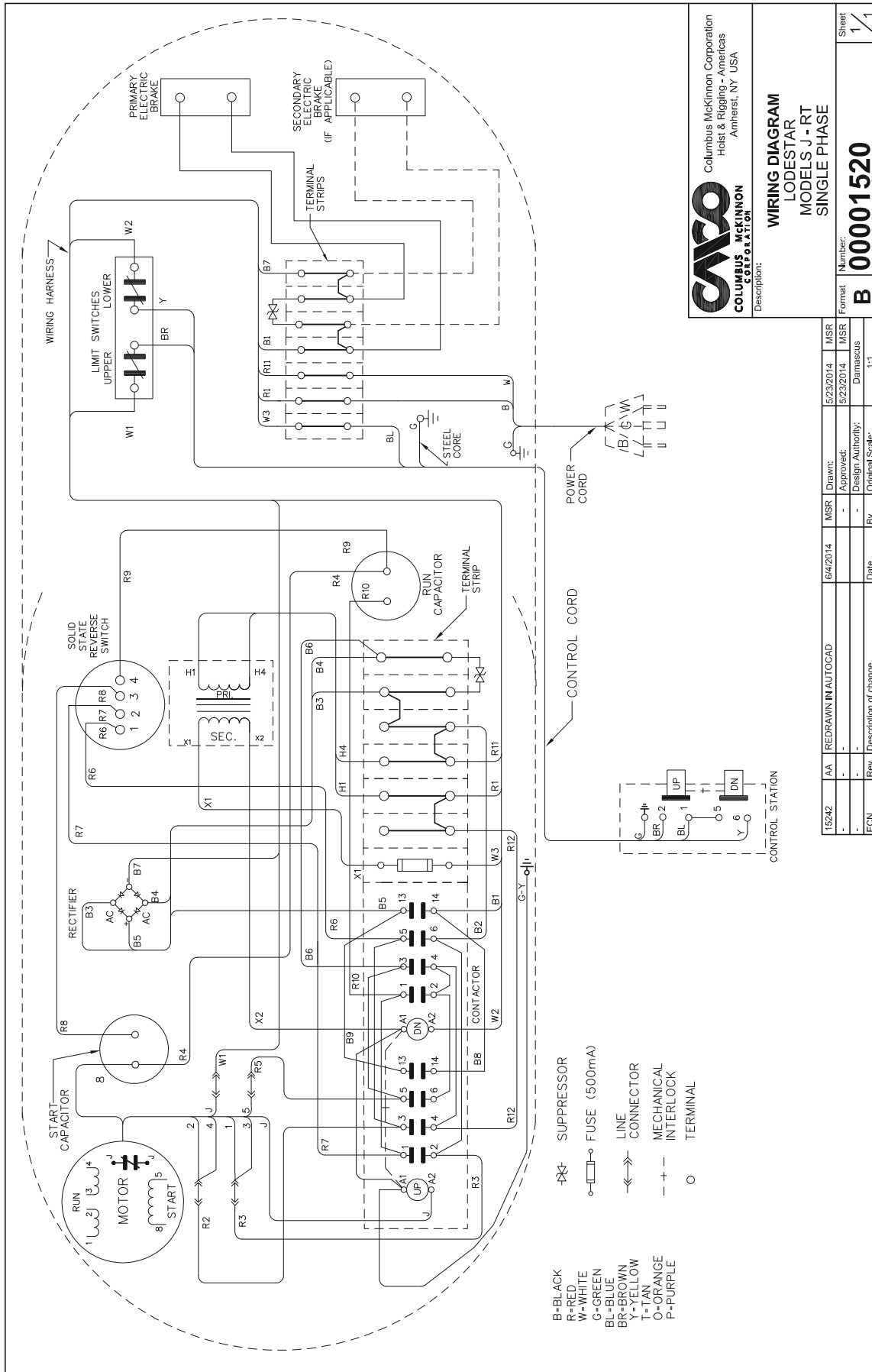
Columbus McKinnon Corporation
Holist & Rigging - Americas
Amherst, NY USA

WIRING DIAGRAM
LODESTAR
MODELS A-2 THRU H-2
550-3-50 & 575-3-60

Description:

100649	AA	REDRAWN IN AUTOCAD	6/4/2014	MSR	Drawn:	5/23/2014	MSR	Sheet	1 / 1
-	-	-	-	MSR	Approved:	5/23/2014	MSR	Format	B
-	-	-	-	-	Design Authority:	-	Damasius	Number	00001515
ECN	Rev.	Description of change	Date	By	Original Scale:	1:1	-		

REFERENCE WIRING DIAGRAMS

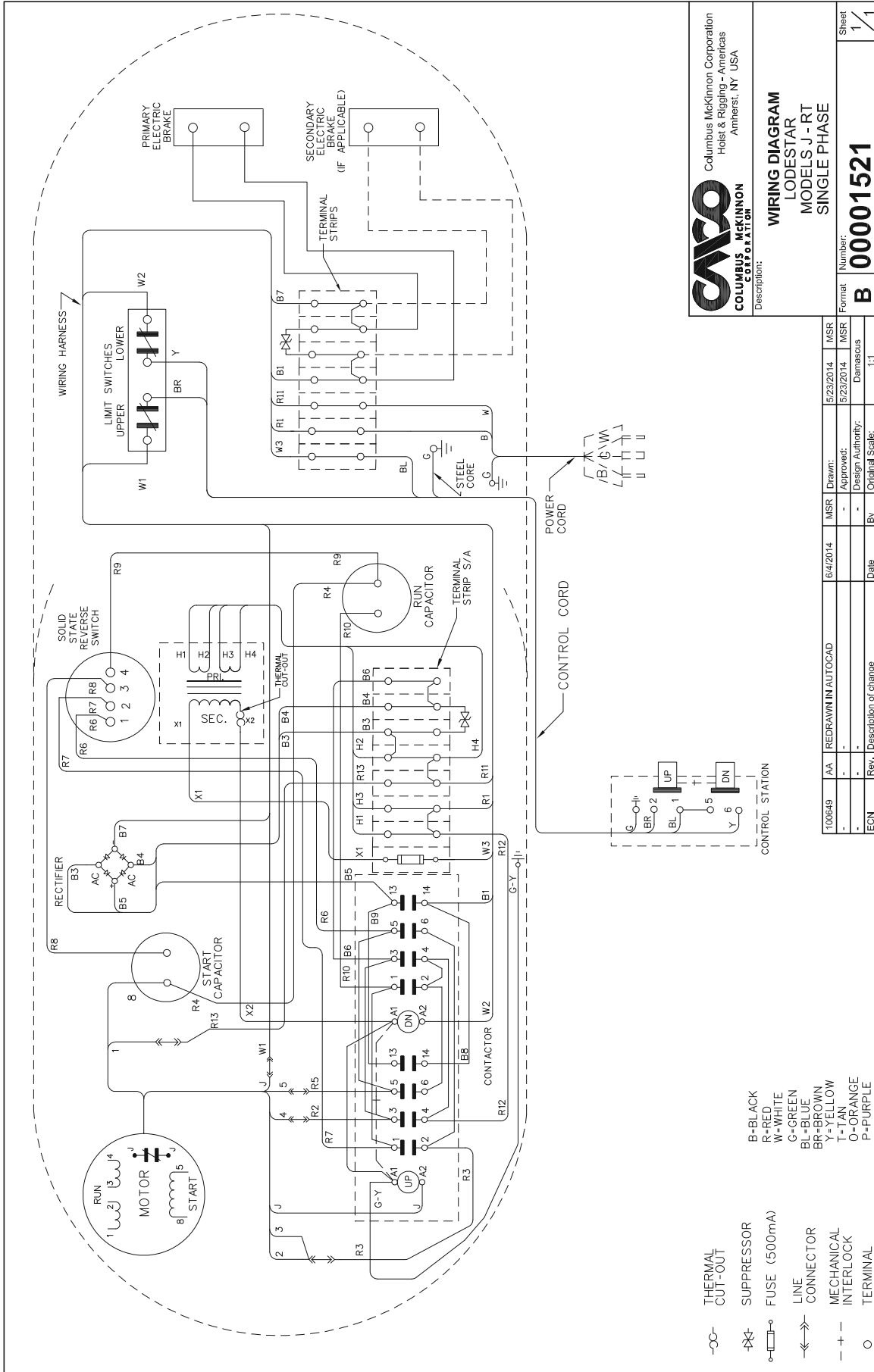


Columbus McKinnon Corporation
Hoist & Rigging - Americas
Amherst, NY USA

WIRING DIAGRAM
LODESTAR
MODELS J - RT
SINGLE PHASE

Format: **B** Number: **00001520** Sheet: **1/1**

REFERENCE WIRING DIAGRAMS



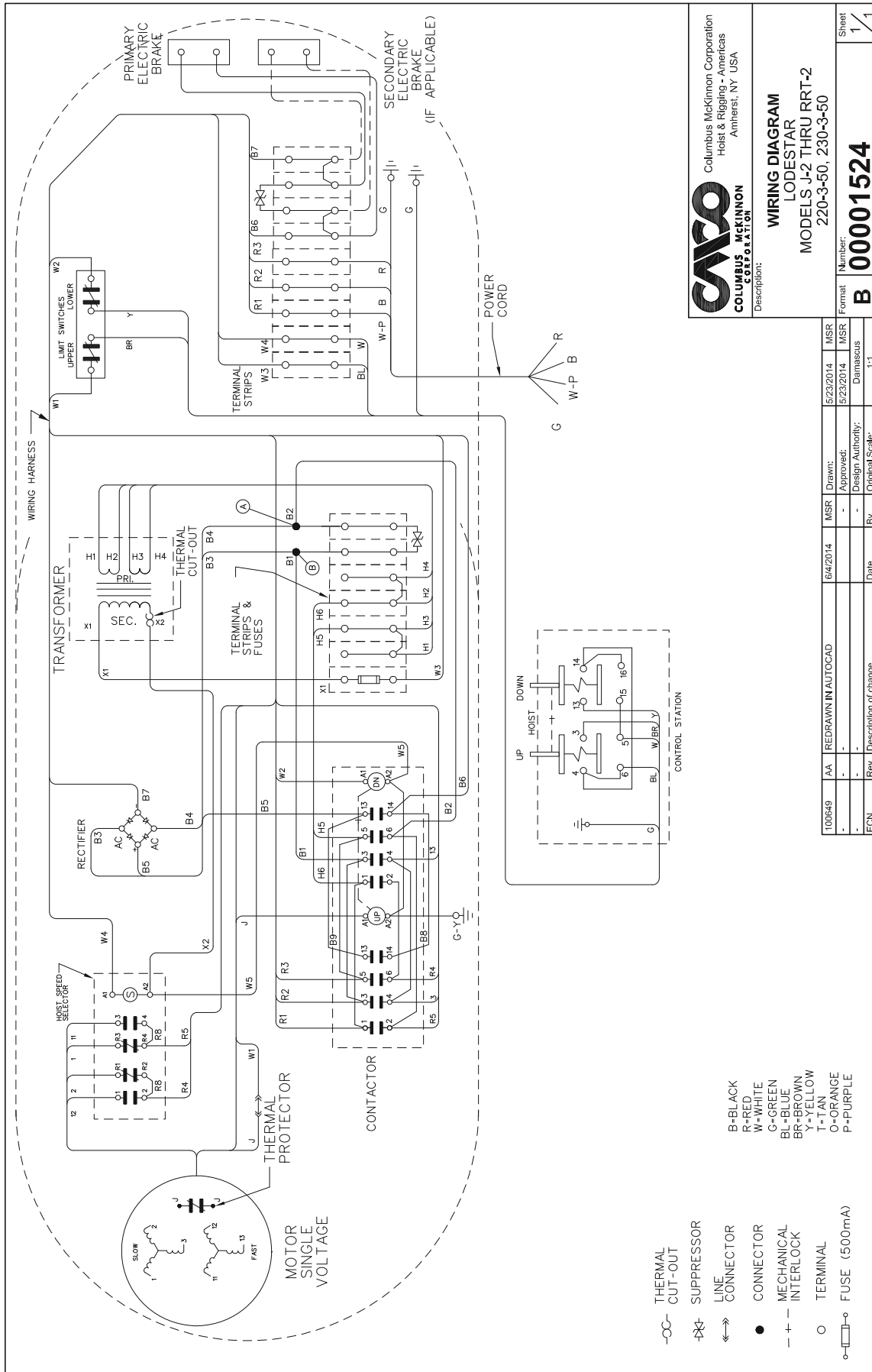
COLUMBUS MCKINNON CORPORATION
 Hoist & Rigging - Americas
 Amherst, NY USA

WIRING DIAGRAM
 LODESTAR
 MODELS J - RT
 SINGLE PHASE

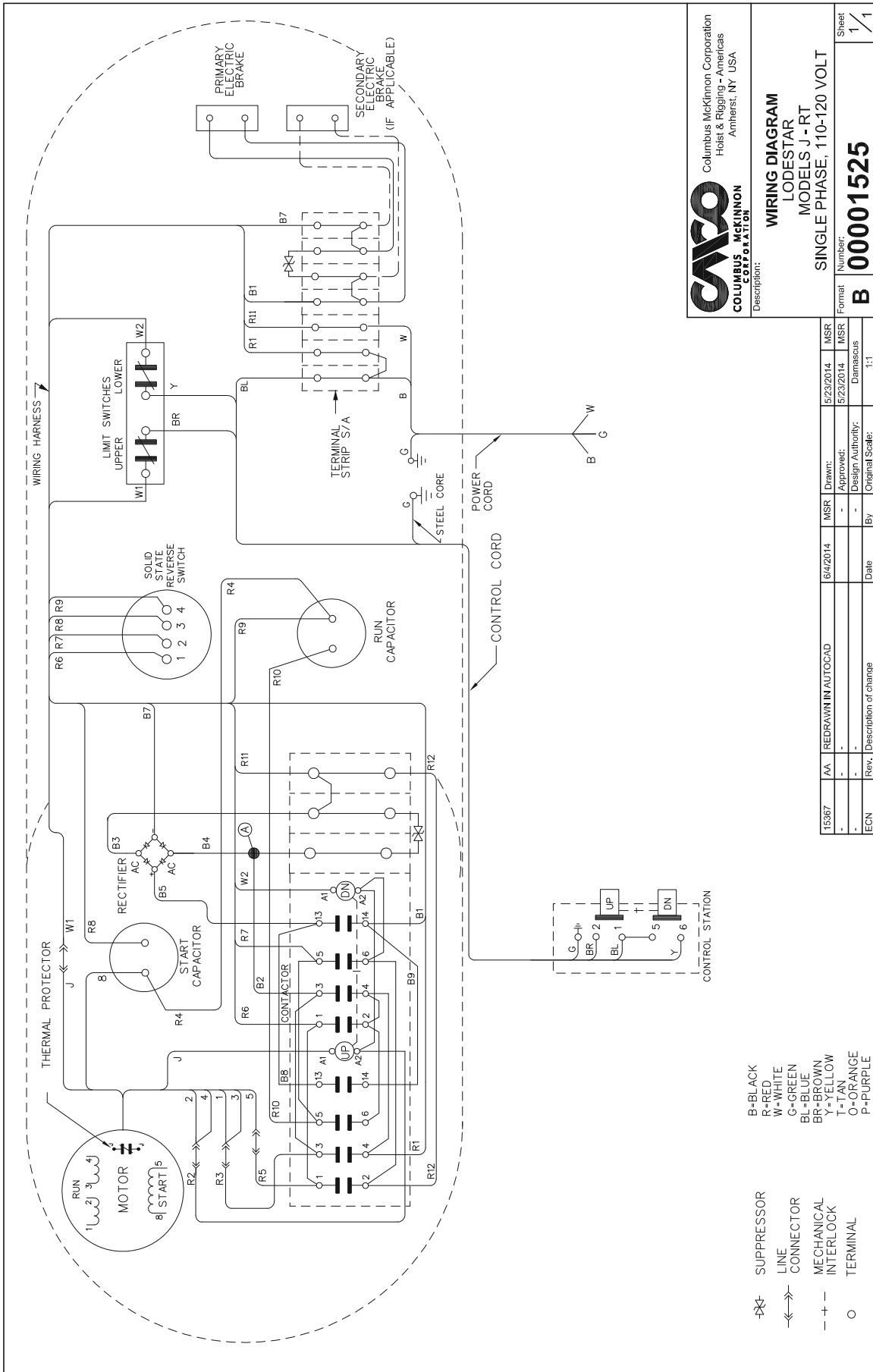
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Sheet **1** / **1**

REFERENCE WIRING DIAGRAMS



REFERENCE WIRING DIAGRAMS



CMV Columbus McKinnon Corporation
Hoist & Rigging - Americas
Amherst, NY USA

COLUMBUS MCKINNON CORPORATION

Description: **WIRING DIAGRAM
LODESTAR
MODELS J - RT
SINGLE PHASE, 110-120 VOLT**

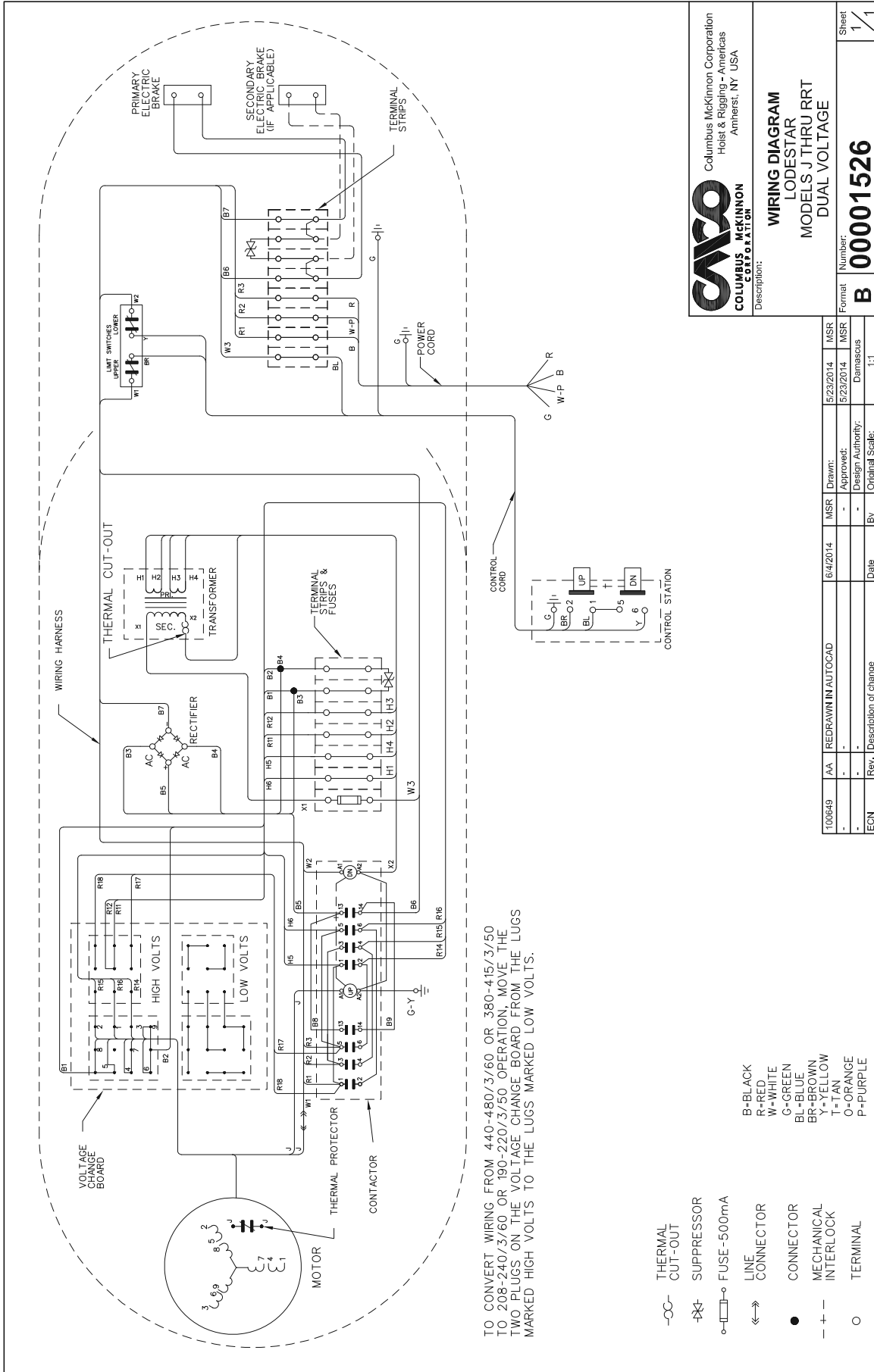
Number: **B 0001525**

Sheet: 1 / 1

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15367	6/4/2014	5/23/2014	MSR
-	-	5/23/2014	MSR
-	-	-	Damasco
-	-	-	1:1
ECN	Rev.	Description of change	By
-	-	-	-
-	-	-	-
-	-	-	-

- +— SUPPRESSOR
 - <—> LINE
 - +— CONNECTOR
 - +— MECHANICAL INTERLOCK
 - TERMINAL
- B=BLACK
 - R=RED
 - W=WHITE
 - G=GREEN
 - BL=BLUE
 - BR=BROWN
 - Y=YELLOW
 - O=ORANGE
 - P=PURPLE

REFERENCE WIRING DIAGRAMS



COLUMBUS MCKINNON CORPORATION
 Hoist & Rigging - Americas
 Amherst, NY USA

WIRING DIAGRAM
 LODESTAR
 MODELS J THRU RR2
 DUAL VOLTAGE

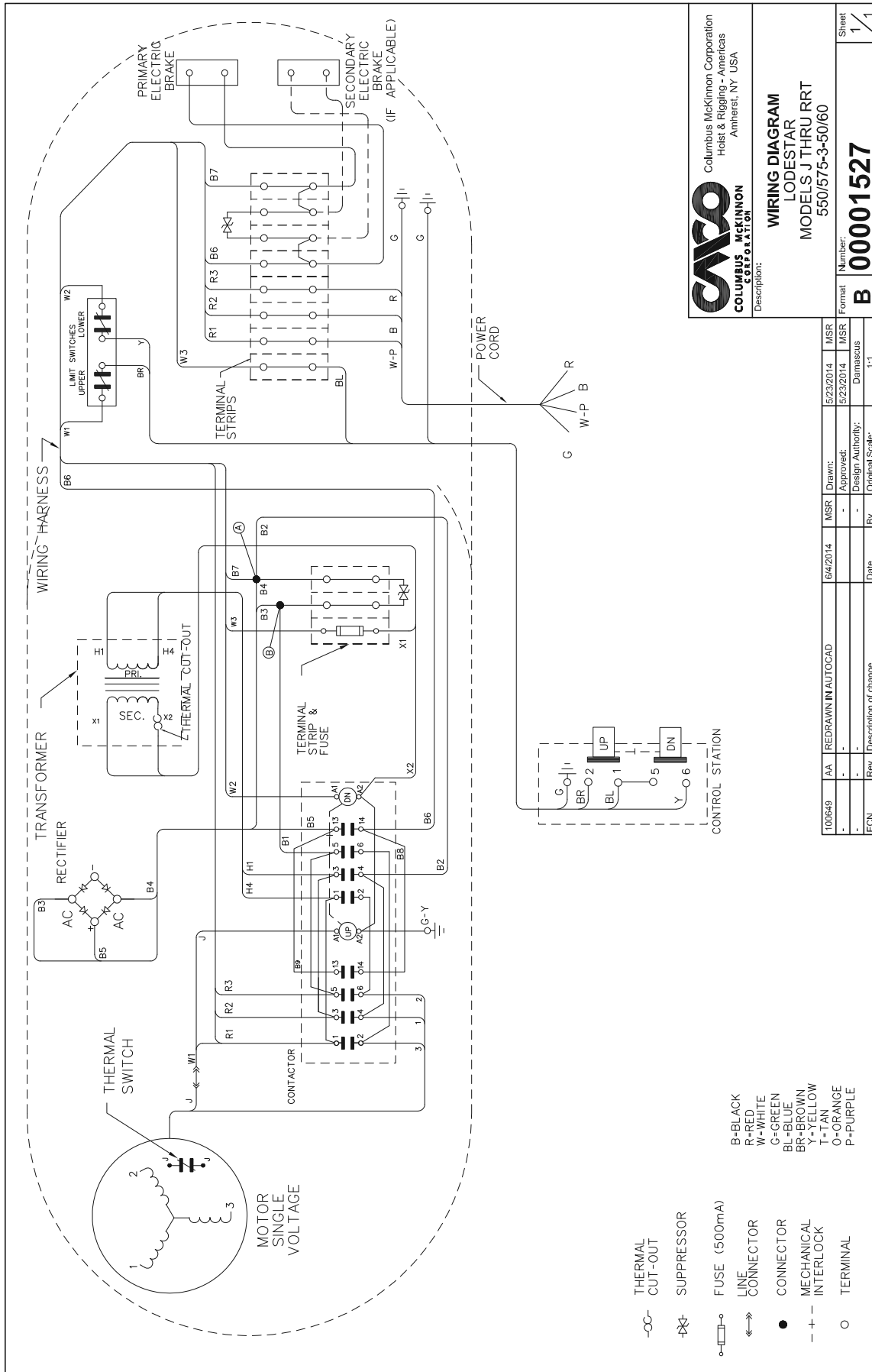
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 Sheet: **1/1**


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5/23/2014	MSR	5/23/2014	MSR	MSR
5/23/2014	MSR	5/23/2014	MSR	MSR
5/23/2014	MSR	5/23/2014	MSR	MSR

Design Authority: Damascus
 Original Scale: 1:1

- B=BLACK
- R=RED
- W=WHITE
- G=GREEN
- BL=BLUE
- BR=BROWN
- Y=YELLOW
- T=TAN
- O=ORANGE
- P=PURPLE

REFERENCE WIRING DIAGRAMS





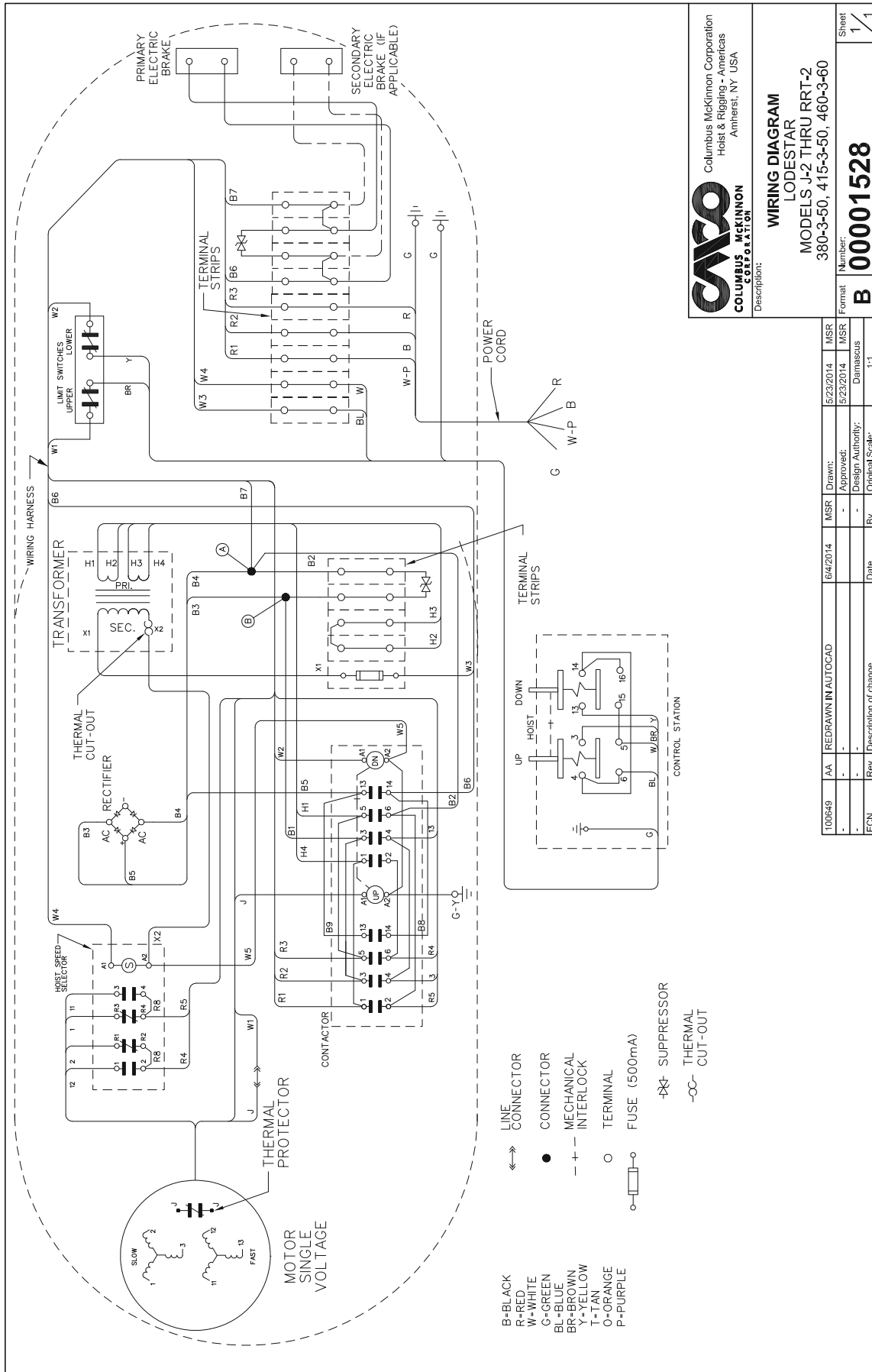
Columbus McKinnon Corporation
Hoist & Rigging - Americas
Arling Heights, IL USA

WIRING DIAGRAM
LODESTAR
MODELS J THRU RRT
550/575-3-50/60

100649	AA	REDRAWN IN AUTOCAD	6/4/2014	MSR	Drawn:	5/23/2014	MSR
-	-	-	-	Approved:	-	5/23/2014	MSR
ECN	Rev.	Description of change	Date	By	Original Scale:	Damascus	1:1

Format: **B** Number: **00001527** Sheet: **1** / **1**

REFERENCE WIRING DIAGRAMS



Columbus McKinnon Corporation
 Hoist & Rigging - Americas
 Amherst, NY USA

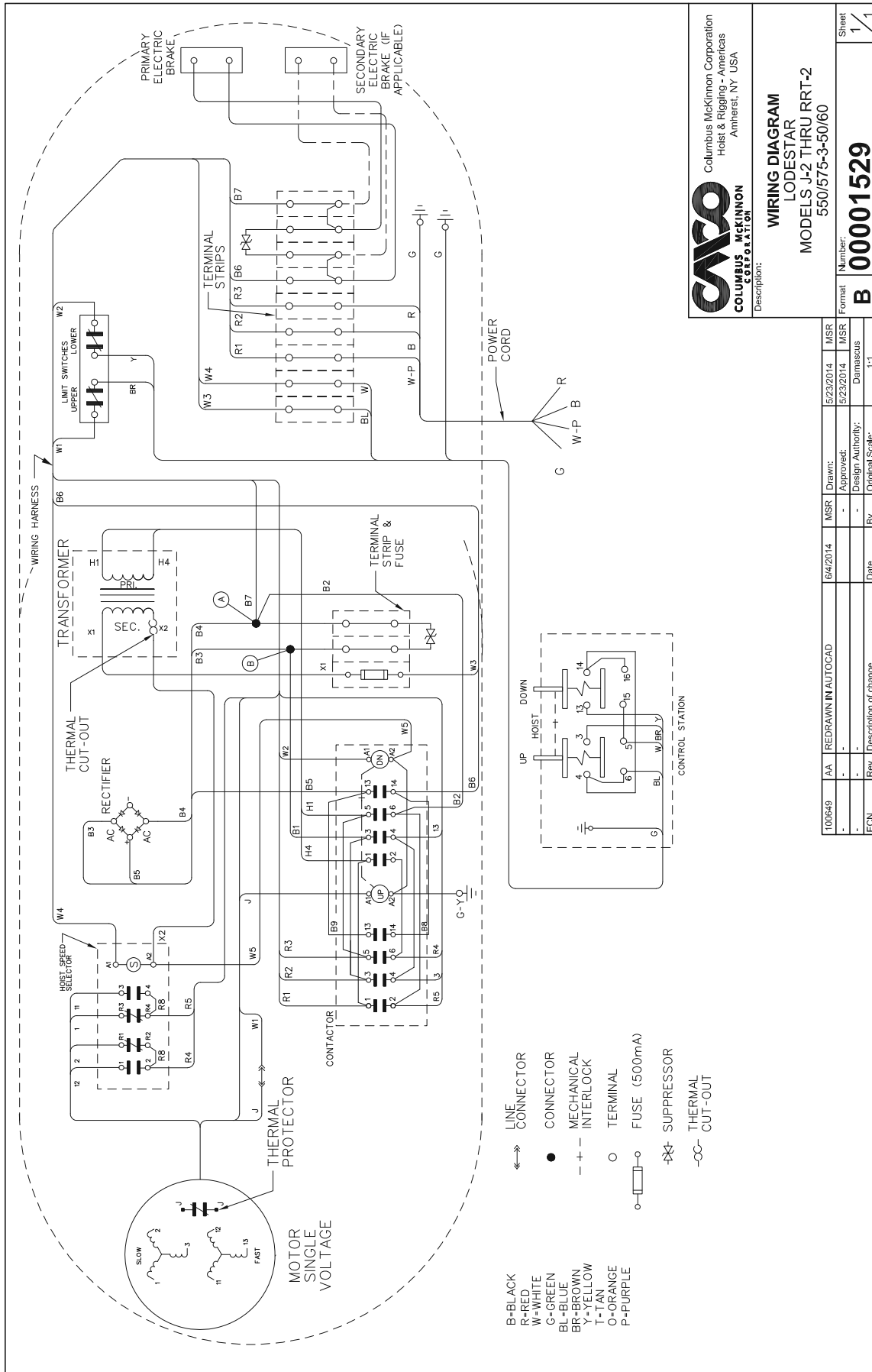
WIRING DIAGRAM
LODESTAR
MODELS J-2 THRU RRT-2
380-3-50, 415-3-50, 460-3-60

Number: 1/1
 Format: B
 Description: 00001528

ECN	Rev.	Description of Change	Date	By	Design Authority:	MSR	MSR	MSR
-	-	-	-	-	-	6/4/2014	5/23/2014	5/23/2014
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-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-

Original Scale: 1:1
 Damascus

REFERENCE WIRING DIAGRAMS



- B=BLACK
 - R=RED
 - W=WHITE
 - C=GREEN
 - BL=BLUE
 - BR=BROWN
 - Y=YELLOW
 - T=TAN
 - O=ORANGE
 - P=PURPLE
- ◄→ LINE CONNECTOR
 - CONNECTOR
 - + - MECHANICAL INTERLOCK
 - TERMINAL
 - FUSE (500mA)
 - ⌘ SUPPRESSOR
 - THERMAL CUT-OUT

CMPO
COLUMBUS MCKINNON CORPORATION
 Columbus McKinnon Corporation
 Hoist & Rigging - Americas
 Amherst, NY USA

WIRING DIAGRAM
LODESTAR
 MODELS J-2 THRU RRT-2
 550/575-3-50/60

Description: _____
 Number: _____
 Format: **B**
 Sheet: 1 / 1

MSR	Drawn:	MSR	MSR
100649	AA	REDRAWN IN AUTOCAD	6/4/2014
-	-	Approved:	5/23/2014
-	-	Design Authority:	5/23/2014
-	-	By	Damasius
-	-	Original Scale:	1:1
ECN	Rev.	Description of Change	Date