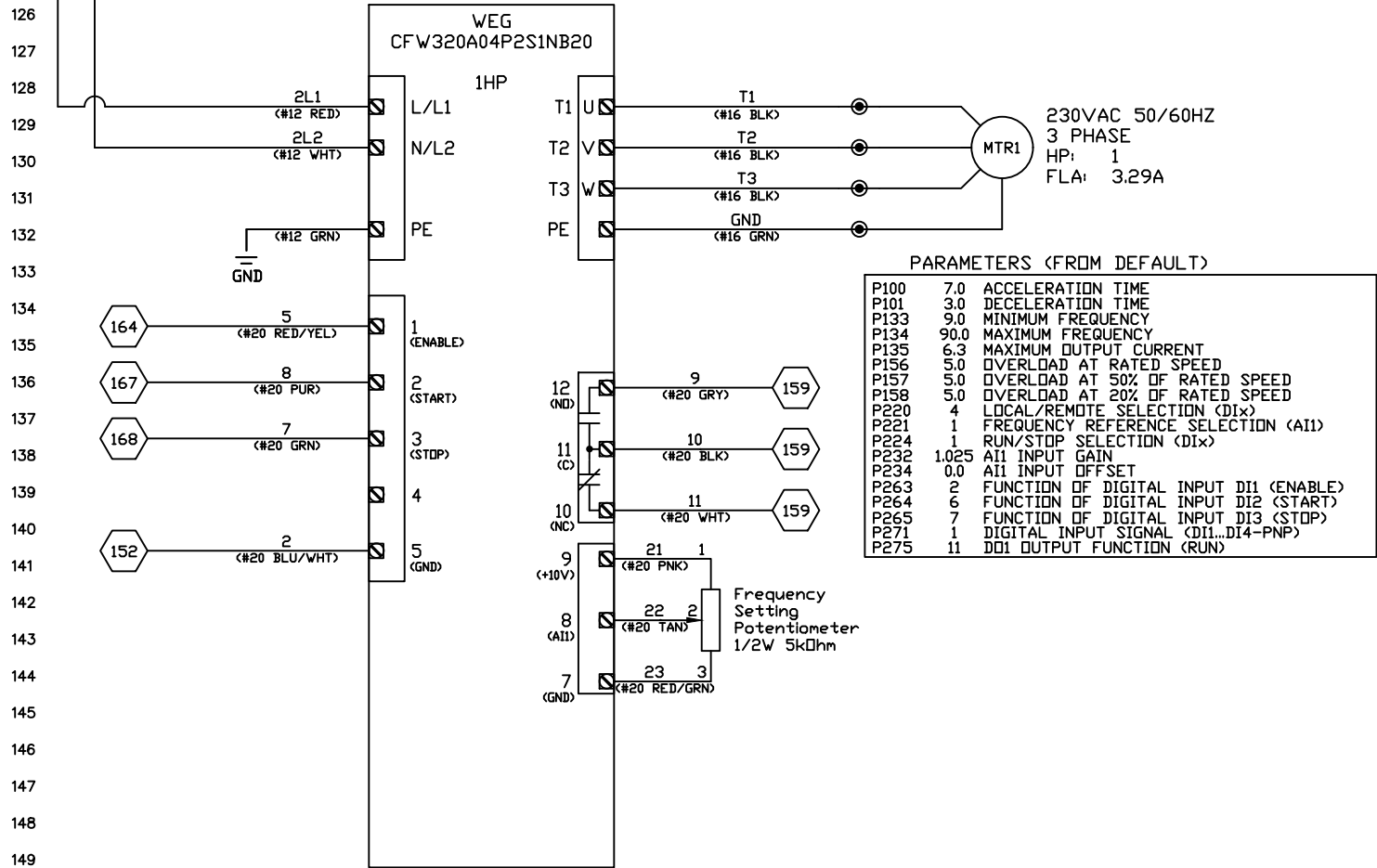
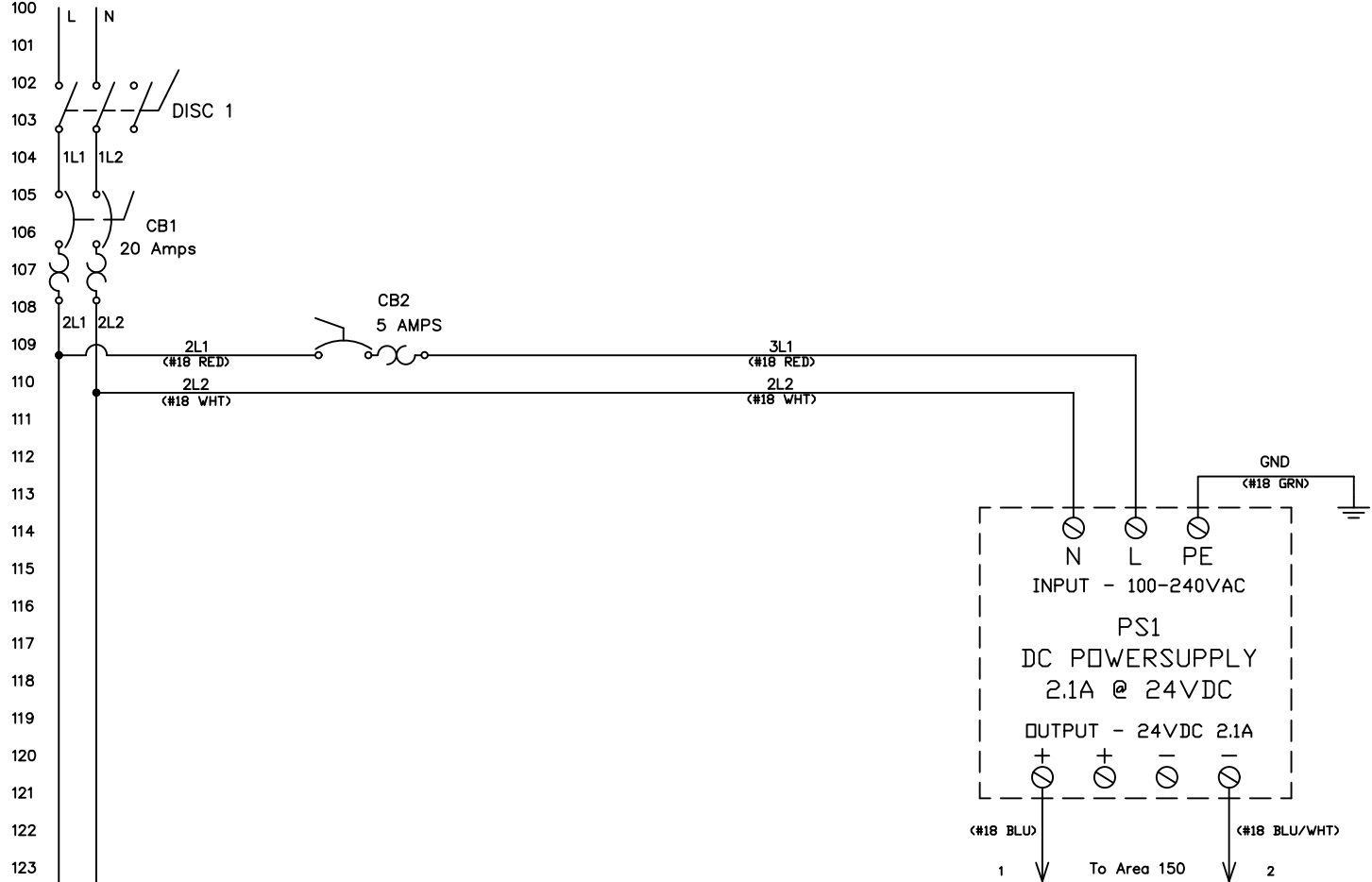
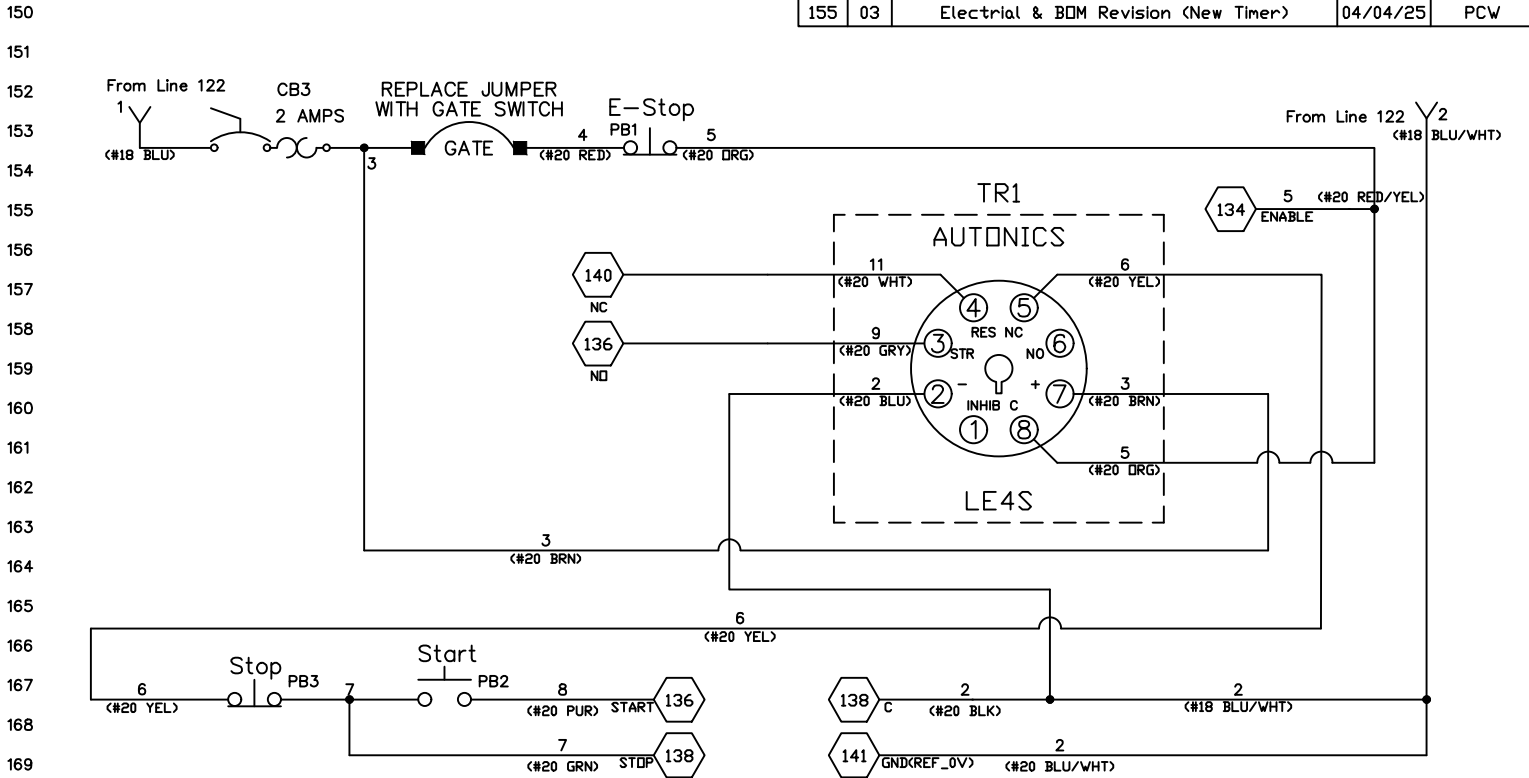


MAINS POWER  
115 VAC 1 Phase  
20 AMP



| PARAMETERS (FROM DEFAULT) |       |                                        |
|---------------------------|-------|----------------------------------------|
| P100                      | 7.0   | ACCELERATION TIME                      |
| P101                      | 3.0   | DECELERATION TIME                      |
| P133                      | 9.0   | MINIMUM FREQUENCY                      |
| P134                      | 90.0  | MAXIMUM FREQUENCY                      |
| P135                      | 6.3   | MAXIMUM OUTPUT CURRENT                 |
| P156                      | 5.0   | OVERLOAD AT RATED SPEED                |
| P157                      | 5.0   | OVERLOAD AT 50% OF RATED SPEED         |
| P158                      | 5.0   | OVERLOAD AT 20% OF RATED SPEED         |
| P220                      | 4     | LOCAL/REMOTE SELECTION (DIX)           |
| P221                      | 1     | FREQUENCY REFERENCE SELECTION (AII)    |
| P224                      | 1     | RUN/STOP SELECTION (DIX)               |
| P232                      | 1.025 | AII INPUT GAIN                         |
| P234                      | 0.0   | AII INPUT OFFSET                       |
| P263                      | 2     | FUNCTION OF DIGITAL INPUT DI1 (ENABLE) |
| P264                      | 6     | FUNCTION OF DIGITAL INPUT DI2 (START)  |
| P265                      | 7     | FUNCTION OF DIGITAL INPUT DI3 (STOP)   |
| P271                      | 1     | DIGITAL INPUT SIGNAL (DI1..DI4-PNP)    |
| P275                      | 11    | DDI OUTPUT FUNCTION (RUN)              |



| *MANUFACTURER                                          | *PART NUMBER      | DESCRIPTION                                        | QUANTITY |
|--------------------------------------------------------|-------------------|----------------------------------------------------|----------|
| Autonics                                               | LE4S              | Digital Timer, 24-240VAC/VDC, Relay Output         | 1        |
| Autonics                                               | PG-08             | 8-Pin Socket                                       | 1        |
| Eurobox (EXM)                                          | 5412 ES161608     | Enclosure, 16" x 16" x 8"                          | 1        |
| Emerson-Sola                                           | SVL 2-24-100      | Power Supply, Input 100-240VAC, Output 24VDC @2.1A | 1        |
| WEG                                                    | CFW320A04P2S1NB20 | WEG CFW300 VFD, 1HP @ 115VAC 1-PHASE               | 1        |
| Sprecher+Schuh                                         | D7P-POT5A         | Potentiometer, 5K                                  | 1        |
| Sprecher+Schuh                                         | D7P-E202PX01      | Pushbutton, Extended Black "STOP", 1NC             | 1        |
| Sprecher+Schuh                                         | D7P-F301PX10      | Pushbutton, Flush Green "START", 1NO               | 1        |
| Sprecher+Schuh                                         | D7P-MT44          | E-Stop Operator, Twist-To-Release, 40mm            | 1        |
| Sprecher+Schuh                                         | D7-ALP            | Latch, Plastic                                     | 1        |
| Sprecher+Schuh                                         | D7-X01            | Contact Block, NC                                  | 1        |
| WEG                                                    | MSW 40 B-3 H      | Base Mounted 3 Pole Switch w/Handle & Shaft        | 1        |
| WEG                                                    | MSW HS 185-40     | Metal Operating Shaft                              | 1        |
| Sprecher+Schuh                                         | D7-15YSE112       | E-Stop Inscription Ring                            | 1        |
| Sprecher+Schuh                                         | L9-20/3/D         | Circuit Breaker, 20Amp, D-Curve                    | 1        |
| Sprecher+Schuh                                         | L8-5/1/B          | Circuit Breaker, 5Amp, B-Curve                     | 1        |
| Sprecher+Schuh                                         | L8-2/1/B          | Circuit Breaker, 2Amp, B-Curve                     | 1        |
| Iboco                                                  | OMEGA 3FAL1       | DIN Rail, 35mm x 1meter                            | 1        |
| Iboco                                                  | T1-0510G          | WIRE DUCT, 0.50" x 1.0" x 2M                       | 1        |
| Sprecher+Schuh                                         | V7-WG4            | Ground Terminal                                    | 2        |
| Sprecher+Schuh                                         | V7-W4             | Terminal                                           | 12       |
| Sprecher+Schuh                                         | V7-EA35           | End Anchor                                         | 11       |
| Sprecher+Schuh                                         | V7-EB3            | End Barrier                                        | 3        |
| Sprecher+Schuh                                         | V7-PP3            | Partition                                          | 2        |
| Sprecher+Schuh                                         | V7-SM6X12         | Marker Card                                        | 1        |
| Sprecher+Schuh                                         | V7-CJ6-2          | Center Jumper                                      | 2        |
| McMaster-Carr                                          | 5891T111          | Electrical Hazard Warning Label, 1-3/4"W x 2-1/2"H | 1        |
|                                                        |                   | Legend Plate, 0.75" x 0.75", "0"                   | 1        |
|                                                        |                   | Legend Plate, 0.75" x 0.75", "I"                   | 1        |
|                                                        |                   | Legend Plate, 0.75" x 2.00", "MOTOR SPEED CONTROL" | 1        |
| *FUNCTIONALLY EQUIVALENT COMPONENTS MAY BE SUBSTITUTED |                   |                                                    |          |

| TIMER SETTINGS             |         |         |
|----------------------------|---------|---------|
| PARAMETER                  | DISPLAY | SETTING |
| Output operation mode      | oUte_n  | oNd     |
| Time Range                 | trnG    | 99^59^m |
| Time UP/DOWN               | U-d     | dN      |
| Width of min. input signal | I nE    | 20      |
| Backlight                  | BLU     | oN      |
| Key lock                   | LoCk    | LoFF    |

|     |    | REVISIONS                                       |          | DATE | APPROVED |
|-----|----|-------------------------------------------------|----------|------|----------|
| N/A | 01 | CIRCUIT BREAKER REPLACES MAIN FUSES, BDM CHANGE | 04/18/22 | PCW  |          |
| 152 | 02 | E-STOP CIRCUIT REVISION, BDM CHANGE             | 06/11/24 | PCW  |          |
| 155 | 03 | Electrial & BDM Revision (New Timer)            | 04/04/25 | PCW  |          |

DRAWN BY  
PCW

CHKD BY  
PCW

DATE DRAWN  
11/14/21

DATE CHKD  
04/04/25

**MORSE**  
The Specialist In Drum Handling Equipment

103 Kuhn Rd, Syracuse, NY 13208  
PHONE 315-564-4347 FAX 315-437-1029

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TITLE  
5555-P VFD PANEL (ELECTRICAL)

DWG NO.  
AACI111721A

SHEET  
1 of 1

REV  
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