

| GA800 HEAVY DUTY |                          |                      | POWER  |               |              |                      | SIGNAL                                       |  | CONTROL                             |                            | EXTERNAL POWER            | GROUND   |  |                      | NEUTRAL                |    |   |
|------------------|--------------------------|----------------------|--|---------------|--------------|----------------------|--|--|-------------------------------------|----------------------------|---------------------------|--|--|----------------------|------------------------|----|---|
|                  |                          |                      | 105°C PVC, FOR 18 AWG TO 350 MCM (BLACK)<br>SEE NOTE 4 |               |              |                      | UWR-0639                                     | UWR-1555   | M3508<br>1__0001                    | M3508<br>1__0009           | M3508<br>1180006          | M3508_-----  |  |                      | M3508<br>1__0004       |    |   |
| INPUT VOLTS      | DRIVE PART NO. CIPR-GA__ | GA800 STD. BASE. NO. | INPUT WIRING   | OUTPUT WIRING |              | TO CPT (F_)/(H_), K8 | WIRE NO. A_, F_, H_, R_, S_, _V, 1-99 (BLUE) | 3 COND. 22 AWG SHIELDED (SEE NOTE 3) WIRE NO. A1, AC, +V | TO CPT(X2) WIRE NO. 100-109 (WHITE) | WIRE NO. M_, 110-599 (RED) | WIRE NO. 600-799 (YELLOW) | 1140004  | 1180004                                | 1__0004 (GREEN)      | TBN1(1) TO PANEL (GRN) |    |   |
|                  |                          |                      | WIRE NO. _L_, +1, +2                                   | OUTPUT AMPS   | WIRE NO. _T_ | WIRE NO. _L_         |  |  |                                     |                            |                           | CPT(X2), TO PANEL, CABINET, DOOR,FAN,TS 1(E), SPACE HEATER (GRN) | TO DRIVE PCB E(G) WIRE NO. E, SH (GRN) | DRIVE TO PANEL (GRN) |                        |    |   |
| 208              | U2004                    | D002                 | 14   | 2.4           | 14           | 14                   | 22   | 22   | SEE NOTE 5                          | SEE NOTE 6                 | 18                        | 14   | 18                                     | 14                   | 8                      |    |   |
| 208              | U2004                    | D003                 | 14   | 3.5           | 14           | 14                   | 22   | 22   |                                     |                            | 18                        | 14   | 18                                     | 14                   | 8                      |    |   |
| 208              | U2006                    | D004                 | 14   | 4.6           | 14           | 14                   | 22   | 22   |                                     |                            | 18                        | 14   | 18                                     | 14                   | 8                      |    |   |
| 208              | U2008                    | D006                 | 14   | 6.6           | 14           | 14                   | 22   | 22   |                                     |                            | 18                        | 14   | 18                                     | 12                   | 8                      |    |   |
| 208              | U2010                    | D007                 | 14   | 7.5           | 14           | 14                   | 22   | 22   |                                     |                            | 18                        | 14   | 18                                     | 10                   | 8                      |    |   |
| 208              | U2012                    | D010                 | 14   | 10.6          | 14           | 14                   | 22   | 22   |                                     |                            | 18                        | 14   | 18                                     | 10                   | 8                      |    |   |
| 208              | U2021                    | D016                 | 10   | 16.7          | 12           | 14                   | 22   | 22   |                                     |                            | 18                        | 14   | 18                                     | 10                   | 8                      |    |   |
| 208              | U2030                    | D024                 | 8  | 24.2          | 10           | 14                   | 22   | 22   |                                     |                            | 18                        | 14   | 18                                     | 8                    | 8                      |    |   |
| 208              | U2042                    | D030                 | 6  | 30.8          | 8            | 14                   | 22   | 22   |                                     |                            | 18                        | 14   | 18                                     | 8                    | 8                      |    |   |
| 208              | U2056                    | D046                 | 6  | 46.2          | 6            | 14                   | 22   | 22   |                                     |                            | 18                        | 14   | 18                                     | 6                    | 8                      |    |   |
| 208              | U2070                    | D059                 | 4  | 59.4          | 4            | 14                   | 22   | 22   |                                     |                            | 18                        | 14   | 18                                     | 6                    | 6                      |    |   |
| 208              | U2082                    | D074                 | 2  | 74.8          | 2            | 14                   | 22   | 22   |                                     |                            | 18                        | 14   | 18                                     | 4                    | 6                      |    |   |
| 208              | U2110                    | D088                 | 2  | 88            | 2            | 14                   | 22   | 22   |                                     |                            | 18                        | 14   | 18                                     | 4                    | 6                      |    |   |
| 208              | U2138                    | D114                 | 2  | 114           | 1            | 14                   | 22   | 22   |                                     |                            | 18                        | 14   | 18                                     | 4                    | 4                      |    |   |
| 208              | U2169                    | D143                 | 1/0  | 143           | 1/0          | 14                   | 22   | 22   |                                     |                            | 18                        | 14   | 18                                     | 2                    | 4                      |    |   |
| 208              | U2211                    | D169                 | 2/0  | 169           | 2/0          | 14                   | 22   | 22   |                                     |                            | 18                        | 14   | 18                                     | 2                    | 1/0                    |    |   |
| 208              | U2257                    | D211                 | 3/0  | 211           | 4/0          | 14                   | 22   | 22   |                                     |                            | 18                        | 14   | 18                                     | 2                    | 1/0                    |    |   |
| 208              | U2313                    | D273                 | (2) 1/0  | 273           | (2) 1/0      | 14                   | 22   | 22   |                                     |                            | 18                        | 14   | 18                                     | 1/0                  | 1/0                    |    |   |
| 208              | U2360                    | D343                 | (2) 3/0  | 343           | (2) 2/0      | 14                   | 22   | 22   |                                     |                            | 18                        | 14   | 18                                     | 2/0                  | 1/0                    |    |   |
| 208              | U2415                    | D396                 | (2) 3/0  | 396           | (2) 3/0      | 14                   | 22   | 22   |                                     |                            | 18                        | 14   | 18                                     | 2/0                  | 2/0                    |    |   |
| 240              | U2004                    | A002                 | 14   | 2.2           | 14           | 14                   | 22   | 22   |                                     |                            | SEE NOTE 5                | SEE NOTE 6   | 18                                     | 14                   | 18                     | 14 | 8 |
| 240              | U2006                    | A003                 | 14   | 3.2           | 14           | 14                   | 22   | 22   |                                     |                            |                           |  | 18                                     | 14                   | 18                     | 14 | 8 |
| 240              | U2006                    | A004                 | 14   | 4.2           | 14           | 14                   | 22   | 22   |                                     |                            |                           |  | 18                                     | 14                   | 18                     | 14 | 8 |
| 240              | U2010                    | A006                 | 14   | 6.8           | 14           | 14                   | 22   | 22   |                                     |                            |                           |  | 18                                     | 14                   | 18                     | 10 | 8 |
| 240              | U2012                    | A009                 | 14   | 9.6           | 14           | 14                   | 22   | 22   | 18                                  | 14                         |                           |  | 18                                     | 10                   | 8                      |    |   |
| 240              | U2021                    | A015                 | 12   | 15.2          | 12           | 14                   | 22   | 22   | 18                                  | 14                         |                           |  | 18                                     | 10                   | 8                      |    |   |
| 240              | U2030                    | A022                 | 10   | 22            | 10           | 14                   | 22   | 22   | 18                                  | 14                         |                           |  | 18                                     | 8                    | 8                      |    |   |
| 240              | U2042                    | A028                 | 8  | 28            | 10           | 14                   | 22   | 22   | 18                                  | 14                         |                           |  | 18                                     | 8                    | 8                      |    |   |
| 240              | U2056                    | A042                 | 6  | 42            | 6            | 14                   | 22   | 22   | 18                                  | 14                         |                           |  | 18                                     | 6                    | 8                      |    |   |
| 240              | U2070                    | A054                 | 4  | 54            | 6            | 14                   | 22   | 22   | 18                                  | 14                         |                           |  | 18                                     | 6                    | 8                      |    |   |
| 240              | U2082                    | A068                 | 2  | 68            | 4            | 14                   | 22   | 22   | 18                                  | 14                         |                           |  | 18                                     | 4                    | 6                      |    |   |
| 240              | U2110                    | A080                 | 2  | 80            | 2            | 14                   | 22   | 22   | 18                                  | 14                         |                           |  | 18                                     | 4                    | 6                      |    |   |
| 240              | U2138                    | A104                 | 2  | 104           | 1            | 14                   | 22   | 22   | 18                                  | 14                         |                           |  | 18                                     | 4                    | 6                      |    |   |
| 240              | U2169                    | A130                 | 1  | 130           | 1            | 14                   | 22   | 22   | 18                                  | 14                         |                           |  | 18                                     | 2                    | 4                      |    |   |
| 240              | U2211                    | A154                 | 1/0  | 154           | 2/0          | 14                   | 22   | 22   | 18                                  | 14                         |                           |  | 18                                     | 2                    | 2                      |    |   |
| 240              | U2257                    | A192                 | 3/0  | 192           | 3/0          | 14                   | 22   | 22   | 18                                  | 14                         |                           |  | 18                                     | 2                    | 1/0                    |    |   |
| 240              | U2313                    | A248                 | (2) 1/0  | 248           | (2) 1/0      | 14                   | 22   | 22   | 18                                  | 14                         |                           |  | 18                                     | 1                    | 1/0                    |    |   |
| 240              | U2360                    | A312                 | (2) 2/0  | 312           | (2) 2/0      | 14                   | 22   | 22   | 18                                  | 14                         |                           |  | 18                                     | 1/0                  | 1/0                    |    |   |
| 240              | U2415                    | A360                 | (2) 3/0  | 360           | (2) 3/0      | 14                   | 22   | 22   | 18                                  | 14                         |                           |  | 18                                     | 2/0                  | 1/0                    |    |   |

NOTES:

- THE WIRE GAUGE IN THIS TABLE HAS BEEN SELECTED PER UL 508A TABLE 15.1, TABLE 28.1 AND TABLE 38.1.
- FOR GROUND WIRE LARGER THAN 1/0, USE BLACK POWER WIRE AND ADD GREEN ELECTRICAL TAPE AT EACH END.
- STUB AND ADD SHRINK TUBING OVER THE SHIELD ON THE SPEED POT R1 SIDE OF THE SHIELDED CABLE.
- USE WIRE AS FOLLOWS:


| GAUGE | WIRE NUMBER | GAUGE     | WIRE NUMBER |
|-------|-------------|-----------|-------------|
| 18    | UWR-0238    | 2         | UWR-0246    |
| 16    | UWR-0239    | 1         | UWR-0247    |
| 14    | UWR-0240    | 1/0       | UWR-0248    |
| 12    | UWR-0241    | 2/0       | UWR-0249    |
| 10    | UWR-0242    | 3/0       | UWR-0250    |
| 8     | UWR-0243    | 4/0       | UWR-0251    |
| 6     | UWR-0244    | 250 kcmil | UWR-0660    |
| 4     | UWR-0245    | 350 kcmil | UWR-0587    |
| 3     | UWR-0396    |           |             |
- USE 18 GAUGE WHITE FOR WIRING TO CPT(X2) OF A CIRCUIT CONTAINING NO FUSE.  
USE 18 GAUGE WHITE FOR WIRING TO CPT(X2) OF A CIRCUIT CONTAINING A FUSE RATED 7 AMPS, OR LESS.  
USE 16 GAUGE WHITE FOR WIRING TO CPT(X2) OF A CIRCUIT CONTAINING A FUSE RATED GREATER THAN 7 AMPS, AND LESS THAN OR EQUAL TO 10 AMPS.  
USE 14 GAUGE WHITE FOR WIRING TO CPT(X2) OF A CIRCUIT CONTAINING A FUSE RATED GREATER THAN 10 AMPS, AND LESS THAN OR EQUAL TO 15 AMPS.
- USE 18 GAUGE RED FOR WIRING CONTAINING NO FUSE.  
USE 18 GAUGE RED FOR WIRING CONTAINING A FUSE RATED 7 AMPS, OR LESS.  
USE 16 GAUGE RED FOR WIRING CONTAINING A FUSE RATED GREATER THAN 7 AMPS, AND LESS THAN OR EQUAL TO 10 AMPS.  
USE 14 GAUGE RED FOR WIRING CONTAINING A FUSE RATED GREATER THAN 10 AMPS, AND LESS THAN OR EQUAL TO 15 AMPS.

REVISIONS

| REV. | DESCRIPTION                 | ECO # | DRAWN BY | DATE     |
|------|-----------------------------|-------|----------|----------|
| 07   | CORRECT FRAME 12 INPUT AMPS | 13975 | JL       | 07/30/24 |
| 06   | CHANGED NOTES FOR B414-BK20 | 13388 | KL       | 11/30/23 |
| 05   | ADD FRAME 12 DETAILS        | 13465 | JZ       | 11/01/23 |

|                             |                        |                  |   |                 |                 |
|-----------------------------|------------------------|------------------|---|-----------------|-----------------|
| <b>YASKAWA</b>              | DRAWN BY:<br>N. LAWS   | DATE:<br>6/11/18 | TITLE:<br>GA800<br>HEAVY DUTY<br>PANEL WIRING TABLE |                 |                 |
|                             | CHECKED:<br>K. MALUSIC | DATE:<br>6/13/18 |   |                 |                 |
|                             | TECH:                  | DATE:            |   |                 |                 |
|                             | APPROVED:<br>K. FLIERL | DATE:<br>6/14/18 | SIZE:<br>C  | REVISION:<br>07 | PAGE:<br>1 of 2 |
| ORIGINAL DESIGN:<br>N. LAWS |                        | DATE:<br>6/11/18 | DRAWING #:<br>UDE00585                              |                 |                 |

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| GA800<br>HEAVY<br>DUTY |                                       |                               | POWER  |                  |              |                         | SIGNAL  |   | CONTROL                                      |                                  | EXTERNAL<br>POWER               | GROUND  |  |   | NEUTRAL                         |
|------------------------|---------------------------------------|-------------------------------|--|------------------|--------------|-------------------------|---|---|--|----------------------------------|---------------------------------|---|--|---|---------------------------------|
|                        |                                       |                               | 105°C PVC, FOR 18 AWG TO 350 MCM (BLACK)<br>SEE NOTE 4 |                  |              |                         | UWR-0639  | UWR-1555  | M3508<br>1__0001                             | M3508<br>1__0009                 | M3508<br>1180006                | M3508_-----   |  |   | M3508<br>1__0004                |
| INPUT<br>VOLTS         | DRIVE<br>PART<br>NO.<br>CIPR-<br>GA__ | GA800<br>STD.<br>BASE.<br>NO. | INPUT<br>WIRING  | OUTPUT<br>WIRING |              | TO CPT<br>(F_)/(H_), K8 | WIRE NO.<br>A_, F_,<br>H_, R_,<br>S_, _V,<br>1-99<br>(BLUE) | 3 COND.<br>22 AWG<br>SHIELDED<br>(SEE NOTE 3)<br>WIRE NO.<br>A1, AC, +V | TO CPT(X2)<br>WIRE NO.<br>100-109<br>(WHITE) | WIRE NO.<br>M_,<br>110-599 (RED) | WIRE NO.<br>600-799<br>(YELLOW) | 1140004   | 1180004  | 1__0004<br>(GREEN)  | TBN1(1)<br>TO<br>PANEL<br>(GRN) |
|                        |                                       |                               | WIRE NO. _L_,<br>+1, +2                                | OUTPUT<br>AMPS   | WIRE NO. _T_ | WIRE NO.<br>_L_         |   |   |  |                                  |                                 | CPT(X2),<br>TO PANEL,<br>CABINET,<br>DOOR,FAN,TS<br>1(E),<br>SPACE<br>HEATER<br>(GRN) | TO DRIVE<br>PCB E(G)<br>WIRE NO.<br>E, SH<br>(GRN) | DRIVE<br><br>TO PANEL<br>(GRN) |                                 |
| 480                    | U4002                                 | B001                          | 14   | 1.6              | 14           | 14                      | 22  | 22  | SEE  | SEE                              | 18                              | 14  | 18   | 14  | 8                               |
| 480                    | U4004                                 | B002                          | 14   | 2.1              | 14           | 14                      | 22  | 22  | NOTE   | NOTE                             | 18                              | 14  | 18   | 14  | 8                               |
| 480                    | U4005                                 | B003                          | 14   | 3.4              | 14           | 14                      | 22  | 22  | 5  | 6                                | 18                              | 14  | 18   | 14  | 8                               |
| 480                    | U4007                                 | B004                          | 14   | 4.8              | 14           | 14                      | 22  | 22  |  |                                  | 18                              | 14  | 18   | 12  | 8                               |
| 480                    | U4012                                 | B007                          | 14   | 7.6              | 14           | 14                      | 22  | 22  | 5  | 6                                | 18                              | 14  | 18   | 10  | 8                               |
| 480                    | U4018                                 | B011                          | 14   | 11               | 14           | 14                      | 22  | 22  |  |                                  | 18                              | 14  | 18   | 10  | 8                               |
| 480                    | U4023                                 | B014                          | 12   | 14               | 14           | 14                      | 22  | 22  | 5  | 6                                | 18                              | 14  | 18   | 10  | 8                               |
| 480                    | U4031                                 | B021                          | 10   | 21               | 10           | 14                      | 22  | 22  |  |                                  | 18                              | 14  | 18   | 8   | 8                               |
| 480                    | U4038                                 | B027                          | 8  | 27               | 10           | 14                      | 22  | 22  | 5  | 6                                | 18                              | 14  | 18   | 8   | 8                               |
| 480                    | U4044                                 | B034                          | 6  | 34               | 8            | 14                      | 22  | 22  |  |                                  | 18                              | 14  | 18   | 6   | 8                               |
| 480                    | U4060                                 | B040                          | 6  | 40               | 6            | 14                      | 22  | 22  | 5  | 6                                | 18                              | 14  | 18   | 6   | 8                               |
| 480                    | U4075                                 | B052                          | 6  | 52               | 6            | 14                      | 22  | 22  |  |                                  | 18                              | 14  | 18   | 6   | 8                               |
| 480                    | U4089                                 | B065                          | 6  | 65               | 4            | 14                      | 22  | 22  | 5  | 6                                | 18                              | 14  | 18   | 6   | 8                               |
| 480                    | U4103                                 | B077                          | 4  | 77               | 2            | 14                      | 22  | 22  |  |                                  | 18                              | 14  | 18   | 6   | 6                               |
| 480                    | U4140                                 | B096                          | 2  | 96               | 1            | 14                      | 22  | 22  | 5  | 6                                | 18                              | 14  | 18   | 4   | 6                               |
| 480                    | U4168                                 | B124                          | 1  | 124              | 1            | 14                      | 22  | 22  |  |                                  | 18                              | 14  | 18   | 4   | 4                               |
| 480                    | U4208                                 | B156                          | 1/0  | 156              | 2/0          | 14                      | 22  | 22  | 5  | 6                                | 18                              | 14  | 18   | 2   | 2                               |
| 480                    | U4250                                 | B180                          | 2/0  | 180              | 3/0          | 14                      | 22  | 22  |  |                                  | 18                              | 14  | 18   | 2   | 1/0                             |
| 480                    | U4302                                 | B240                          | (2) 1/0  | 240              | (2) 1/0      | 14                      | 22  | 22  | 5  | 6                                | 18                              | 14  | 18   | 1   | 1/0                             |
| 480                    | U4371                                 | B302                          | (2) 1/0  | 302              | (2) 2/0      | 14                      | 22  | 22  |  |                                  | 18                              | 14  | 18   | 1/0   | 1/0                             |
| 480                    | U4414                                 | B361                          | (2) 3/0  | 361              | (2) 3/0      | 14                      | 22  | 22  | 5  | 6                                | 18                              | 14  | 18   | 2/0   | 1/0                             |
| 480                    | U4477                                 | B414                          | (2) 4/0 ⑤  | 414              | (2) 4/0      | 14                      | 22  | 22  |  |                                  | 18                              | 14  | 18   | 3/0   | 2/0                             |
| 480                    | U4568                                 | B477                          | (4) 3/0 ①④   | 477              | (3) 2/0      | 14                      | 22  | 22  | 5  | 6                                | 18                              | 14  | 18   | 3/0   | 2/0                             |
| 480                    | U4605                                 | B515                          | (4) 3/0 ②④   | 515              | (3) 2/0      | 14                      | 22  | 22  |  |                                  | 18                              | 14  | 18   | 4/0   | 2/0                             |
| 480                    | U4720                                 | B590                          | (4) 3/0 ③④   | 590              | (3) 3/0      | 14                      | 22  | 22  | 5  | 6                                | 18                              | 14  | 18   | 4/0   | 2/0                             |
| 480                    | U4810                                 | B720                          | (4) 2/0 ⑥⑦   | 720              | (4) 3/0      | 14                      | 22  | 22  |  |                                  | 18                              | 14  | 18   | 250   | 3/0                             |
| 480                    | U4930                                 | B810                          | (4) 4/0 ⑥  | 810              | (4) 4/0      | 14                      | 22  | 22  | 5  | 6                                | 18                              | 14  | 18   | 250   | 250                             |
| 480                    | U4H11                                 | B930                          | (4) 4/0 ⑥  | 930              | (4) 250      | 14                      | 22  | 22  |  |                                  | 18                              | 14  | 18   | 250   | 250                             |
| 480                    | U4H12                                 | BK09                          | (4) 350 ⑥  | 1090             | (4) 350      | 14                      | 22  | 22  | 18   | 14                               | 18                              | 250   | 300  |   |                                 |

- ① = FOR B477 WITH INPUT TERMINAL BLOCK, USE QTY. (4) AWG #1/0 FOR INPUT POWER WIRE
- ② = FOR B515 WITH INPUT TERMINAL BLOCK, USE QTY. (4) AWG #1/0 FOR INPUT POWER WIRE
- ③ = FOR B590 WITH INPUT TERMINAL BLOCK, USE QTY. (4) AWG #1/0 FOR INPUT POWER WIRE
- ④ = FOR B477-B590: (2) WIRES ON UPPER TERMINALS (L1,L2,L3) AND (2) WIRES ON LOWER TERMINALS (L1,L2,L3)
- ⑤ = FOR B414: (1) WIRE ON UPPER TERMINALS (L1,L2,L3) AND (1) WIRE ON LOWER TERMINALS (L1,L2,L3)
- ⑥ = FOR B720-BK09: (2) WIRES ON UPPER TERMINALS (L11,L21,L31) AND (2) WIRES ON LOWER TERMINALS (L1,L2,L3)
- ⑦ = FOR B720 WITH INPUT TERMINAL BLOCK, USE QTY. (4) AWG #3/0 FOR INPUT POWER WIRE

NOTES:

1. THE WIRE GAUGE IN THIS TABLE HAS BEEN SELECTED PER UL 508A TABLE 15.1, TABLE 28.1 AND TABLE 38.1.
2. FOR GROUND WIRE LARGER THAN 1/0, USE BLACK POWER WIRE AND ADD GREEN ELECTRICAL TAPE AT EACH END.
3. STUB AND ADD SHRINK TUBING OVER THE SHIELD ON THE SPEED POT R1 SIDE OF THE SHIELDED CABLE.
4. USE WIRE AS FOLLOWS:

| GAUGE | WIRE NUMBER | GAUGE     | WIRE NUMBER |
|-------|-------------|-----------|-------------|
| 18    | UWR-0238    | 2         | UWR-0246    |
| 16    | UWR-0239    | 1         | UWR-0247    |
| 14    | UWR-0240    | 1/0       | UWR-0248    |
| 12    | UWR-0241    | 2/0       | UWR-0249    |
| 10    | UWR-0242    | 3/0       | UWR-0250    |
| 8     | UWR-0243    | 4/0       | UWR-0251    |
| 6     | UWR-0244    | 250 kcmil | UWR-0660    |
| 4     | UWR-0245    | 350 kcmil | UWR-0587    |
| 3     | UWR-0396    |           |             |

5. USE 18 GAUGE WHITE FOR WIRING TO CPT(X2) OF A CIRCUIT CONTAINING NO FUSE.  
USE 18 GAUGE WHITE FOR WIRING TO CPT(X2) OF A CIRCUIT CONTAINING A FUSE RATED 7 AMPS, OR LESS.  
USE 16 GAUGE WHITE FOR WIRING TO CPT(X2) OF A CIRCUIT CONTAINING A FUSE RATED GREATER THAN 7 AMPS, AND LESS THAN OR EQUAL TO 10 AMPS.  
USE 14 GAUGE WHITE FOR WIRING TO CPT(X2) OF A CIRCUIT CONTAINING A FUSE RATED GREATER THAN 10 AMPS, AND LESS THAN OR EQUAL TO 15 AMPS.
6. USE 18 GAUGE RED FOR WIRING CONTAINING NO FUSE.  
USE 18 GAUGE RED FOR WIRING CONTAINING A FUSE RATED 7 AMPS, OR LESS.  
USE 16 GAUGE RED FOR WIRING CONTAINING A FUSE RATED GREATER THAN 7 AMPS, AND LESS THAN OR EQUAL TO 10 AMPS.  
USE 14 GAUGE RED FOR WIRING CONTAINING A FUSE RATED GREATER THAN 10 AMPS, AND LESS THAN OR EQUAL TO 15 AMPS.  
USE 14 GAUGE WHITE FOR WIRING TO CPT(X2) OF A CIRCUIT CONTAINING A FUSE RATED GREATER THAN 10 AMPS, AND LESS THAN OR EQUAL TO 15 AMPS.
6. USE 18 GAUGE RED FOR WIRING CONTAINING NO FUSE.  
USE 18 GAUGE RED FOR WIRING CONTAINING A FUSE RATED 7 AMPS, OR LESS.  
USE 16 GAUGE RED FOR WIRING CONTAINING A FUSE RATED GREATER THAN 7 AMPS, AND LESS THAN OR EQUAL TO 10 AMPS.  
USE 14 GAUGE RED FOR WIRING CONTAINING A FUSE RATED GREATER THAN 10 AMPS, AND LESS THAN OR EQUAL TO 15 AMPS.

|                             |                        |                  |   |                 |                 |
|-----------------------------|------------------------|------------------|---|-----------------|-----------------|
| <b>YASKAWA</b>              | DRAWN BY:<br>N. LAWS   | DATE:<br>6/11/18 | TITLE:<br>GA800<br>HEAVY DUTY<br>PANEL WIRING TABLE |                 |                 |
|                             | CHECKED:<br>K. MALUSIC | DATE:<br>6/13/18 |   |                 |                 |
|                             | TECH:                  | DATE:            |   |                 |                 |
|                             | APPROVED:<br>K. FLIERL | DATE:<br>6/14/18 | SIZE:<br>C  | REVISION:<br>07 | PAGE:<br>2 of 2 |
| ORIGINAL DESIGN:<br>N. LAWS |                        | DATE:<br>6/11/18 | DRAWING #:<br>UDE00585                              |                 |                 |

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