

Sheet1

| T0601 AEDC     |                   | T0601 Motor         | CMC Cable   | Elmo J4 Cable |         |
|----------------|-------------------|---------------------|-------------|---------------|---------|
| Conn. Pin #    | Function          | Internal wire color | Wire Color  | @ Term Blk    | Elmo J4 |
| 1              |                   |                     |             |               |         |
| 2              | Thermistor +      |                     | Brn         |               |         |
| 3              | S4                | Blue                | Grn         | Wht           | 9       |
| 4              | S3                | Blk                 | Yel         | Brn           | 11      |
| 5              | R2                | Blk/Wht             | Gry         | Pur           | 7       |
| 6              | Thermistor -      |                     | Pnk         |               |         |
| 7              | S2                | Yel                 | Blu         | Blk           | 10      |
| 8              | S1                | Red                 | Brn/Grn     | Red           | 12      |
| 9              | R1                | Red/wht             | Grn/Wht     | Gry           | 8       |
| 10             |                   |                     |             |               |         |
| 11             | ?                 |                     |             |               |         |
| 12             | ?                 |                     |             |               |         |
| 13             |                   |                     |             |               |         |
| 14             |                   |                     |             |               |         |
| 15             |                   |                     |             |               |         |
| 16             |                   |                     |             |               |         |
| 17             |                   |                     |             |               |         |
|                | Shield Connection |                     |             |               |         |
|                | @ Elmo J4         |                     |             |               | 4       |
| T0601 BEDC     |                   |                     |             | Elmo J8 Cable |         |
| Conn. Pin #    |                   |                     |             | @ Term Blk    | Elmo J8 |
| 1              | Motor 1           |                     | Blk 1       | Blu           | 6       |
| 2              | Motor 2           |                     | Blk 2       | Pur           | 7       |
| 3              | Motor 3           |                     | Blk 3       | Gry           | 8       |
| 4              | Case              |                     | Grn/Yel     | Grn           | 5       |
| Alpha Resolver |                   | Alpha Cable         | Alpha Cable |               |         |
|                |                   | Label               | Wire Color  |               |         |
| 1              | S1                | Cos +               | Red         | Red           | 12      |
| 2              | S3                | Cos -               | Blk         | Brn           | 11      |
| 3              | S2                | Sin +               | Brn         | Blk           | 10      |
| 4              | S4                | Sin -               | Grn         | Wht           | 9       |
| 5              | Temp+             | Therm.              | Gry         |               |         |
| 6              | Temp-             | Therm.              | Pnk         |               |         |
| 7              | R1                | Ref +               | Blu         | Gry           | 8       |
| 8              | R2                | Ref -               | Pur         | Pur           | 7       |
| 9              | Shield            |                     |             |               |         |
| 10             | NC                |                     |             |               |         |
| 11             | NC                |                     |             |               |         |
| 12             | NC                |                     |             |               |         |

Sheet1

Alpha  
Power

Elmo J8 Cable

@ Term Blk Elmo J8

|      |           |       |         |     |   |
|------|-----------|-------|---------|-----|---|
|      | 1 Motor W | Blk W | Blk W   | Gry | 8 |
|      | 2 Motor U | Blk U | Blk U   | Blu | 6 |
|      | 3         |       |         |     |   |
|      | 4 Motor V | Blk V | Blk V   | Pur | 7 |
|      | 5 Brake + | Br +  | Blk     |     |   |
|      | 6 Brake - | Br -  | Wht     |     |   |
| 3(?) | Earth     |       | Grn/Yel | Grn | 5 |

S4  
S3  
R2

S2  
S1  
R1

M1  
M2  
M3  
Protective Earth

S1  
S3  
S2  
S4

Note: the thermistor wires may be switched + for -

R1  
R2

M3

M1

M2

Protective Earth