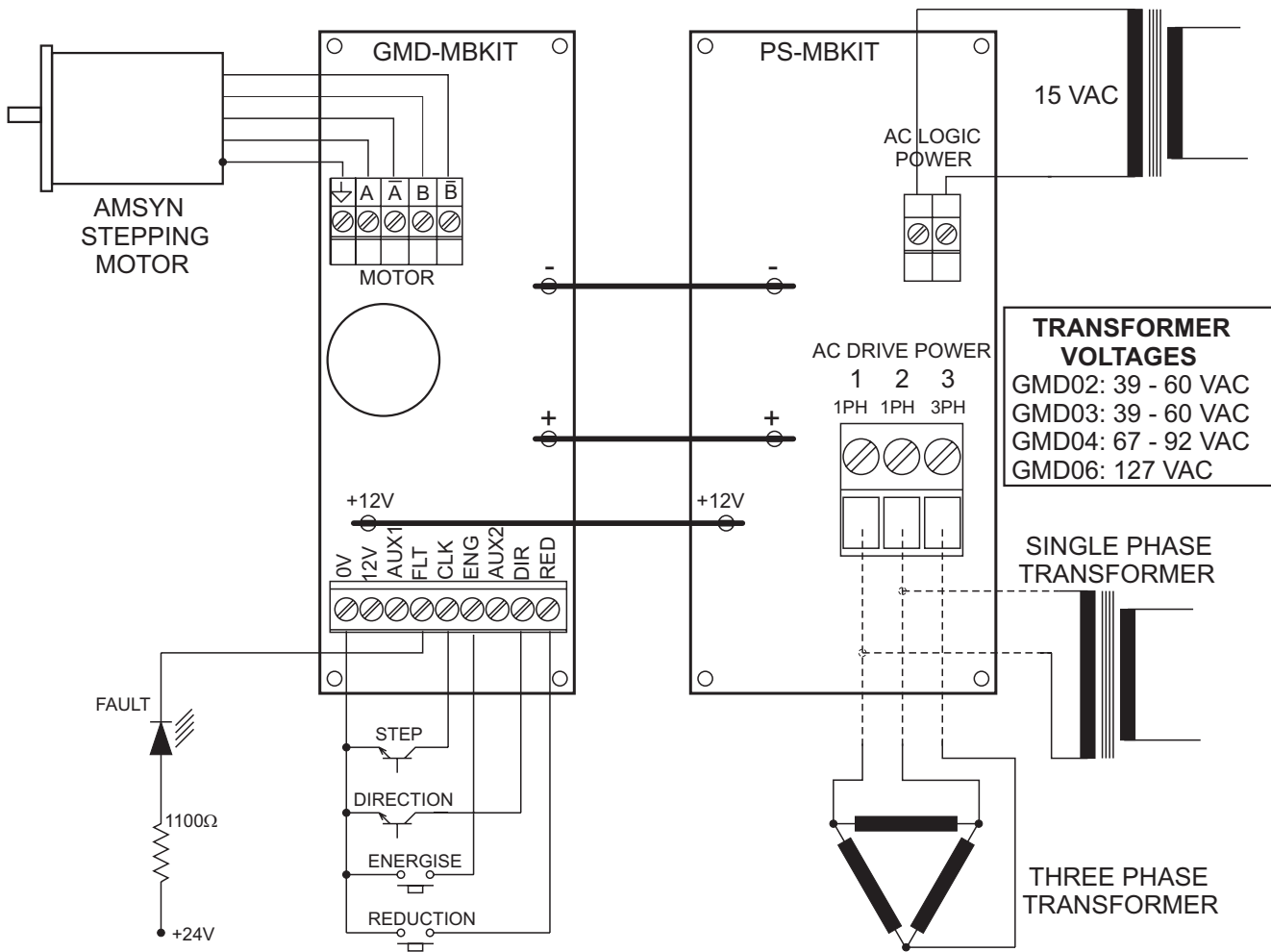


## CONNECTIONS



## NOTES

### RACK

Mounting holes 3.0 mm diameter. Use M2.5 screws.  
 1 rack unit = 5.08mm = 0.2"  
 A 19" rack is 84 units wide  
 Motherboards are designed for VERO rack 84 units wide and 180mm deep (part number 950202581E).  
 Safety features in motherboard design prevent GMD card plugging into PS-MB motherboard and vice versa.

### POWER

Three phase transformers only required for high power. Check manual for details.  
 AC logic power only required when clock cards are used.  
 Transformer voltages stated are open circuit voltages.

### MOTOR

Earth terminal on motor connector is for EMC shielding. Check separate data sheet for motor wire colors.

### DRIVE

AUX1 and AUX2 terminals only used when clock cards fitted.

## 'GMD' CONNECTIONS

### 0V (30a,c 32a,c)

0V common for all signals.

### +12V (6c)

12V supply for optional clock cards. Without 15VAC logic power transformer this won't occur.

### AUX1 (12a)

Only used when optional clock cards are fitted.

### FLT (10a)

Drive Fault. Normally low. Goes high or open circuit when drive fails or protection shuts it down.

### CLK (6a)

Step input. Force low to make motor step.

### ENG (4a)

Energise. Force low to de-energise drive.

### AUX2 (2a)

Used only when optional clock cards are fitted.

### DIR (2c)

Direction. Force low to change direction.

### RED (4c)

Reduction. Force low to reduce current to 65%.

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