

**FUSES ON DINRAIL**

|    |                 |          |
|----|-----------------|----------|
| F1 | SPINDLE DRIVE   | 6.3 AMP  |
| F2 | CONTROL TRANS   | 3.15 AMP |
| F3 | 110v AC CIRCUIT | 3.15 AMP |
| F4 | DENSTEP LOGIC   | 3.15 AMP |

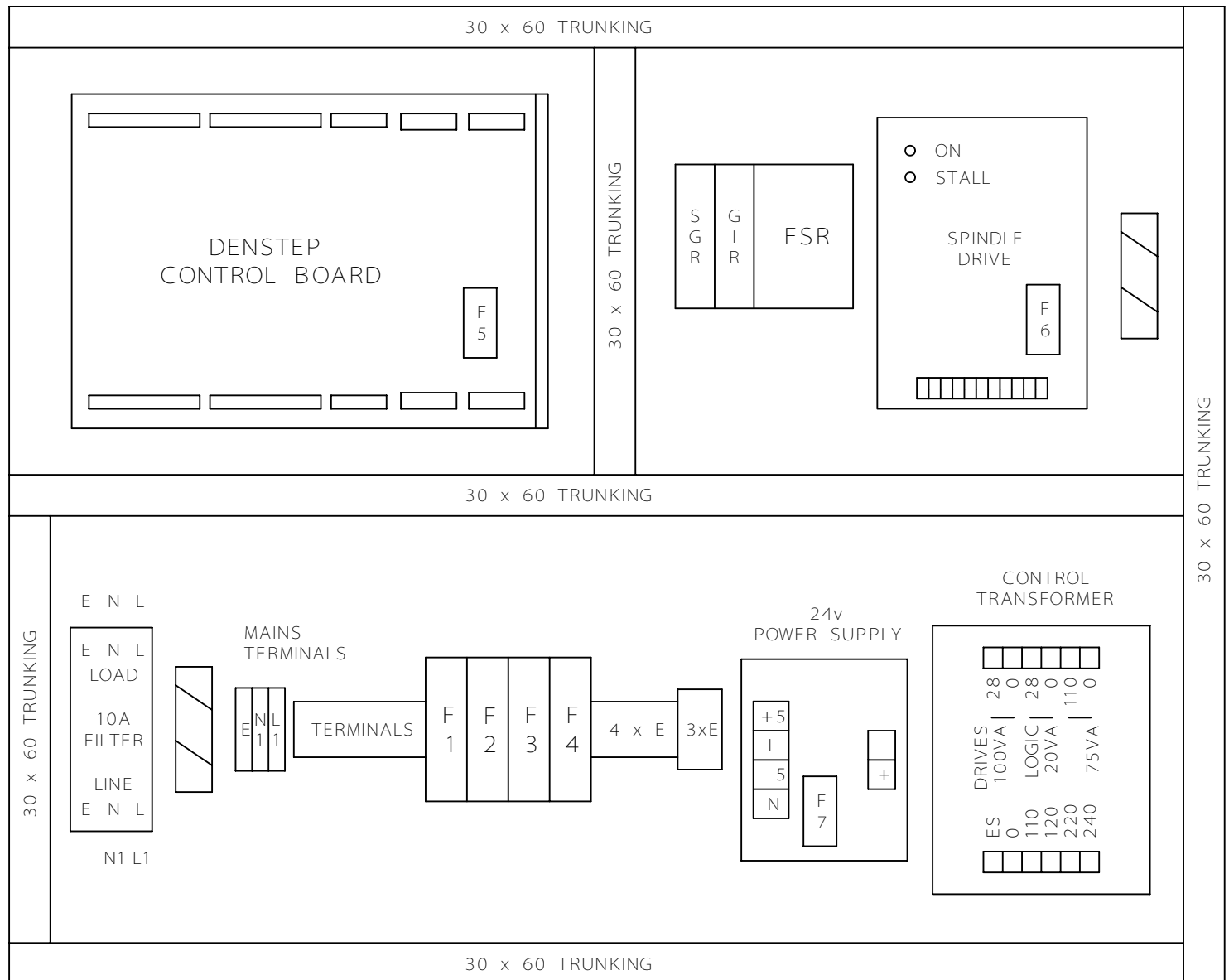
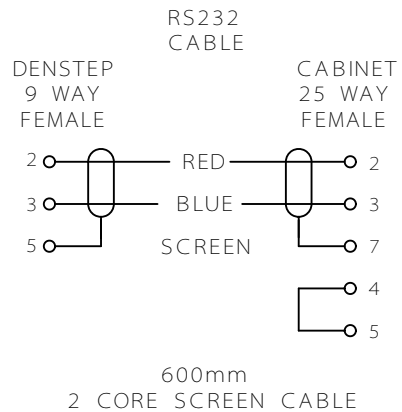
**FUSES ON COMPONENTS**

|    |               |         |
|----|---------------|---------|
| F5 | DENSTEP BOARD | 6.3 AMP |
| F6 | SPINDLE DRIVE | 16 AMP  |
| F7 | 24v PSU       | 2 AMP   |

MOUNT 24v PSU DIRECTLY ON PANEL - NOT ON DINRAIL

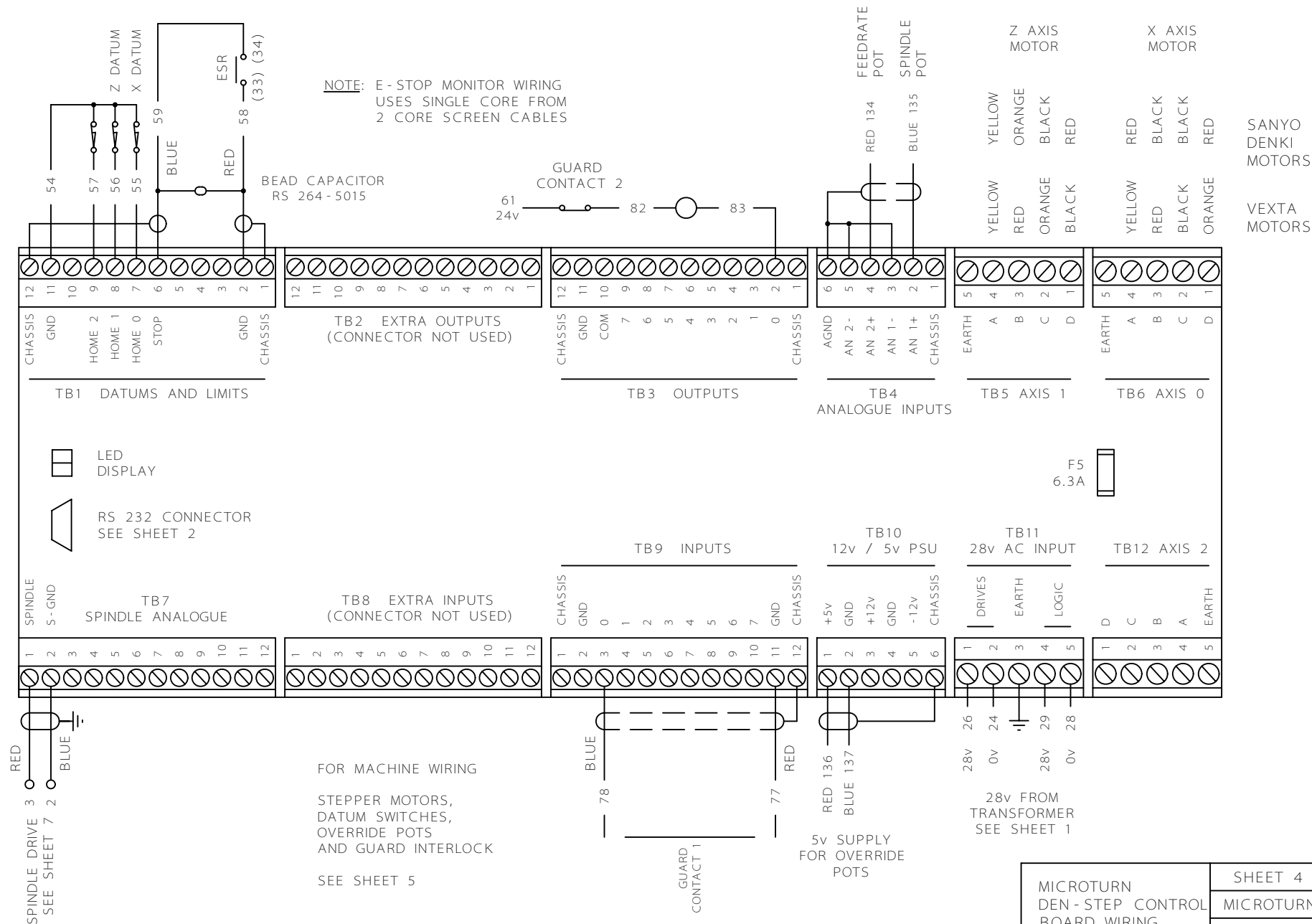
MICROTURN  
TERMINAL AND  
RELAY WIRING

SHEET 2  
MICROTURN  
DENSTEP



MICROTURN  
PANEL  
LAYOUT

SHEET 3  
MICROTURN  
DENSTEP





# DENSTEP TERMINALS

TB6

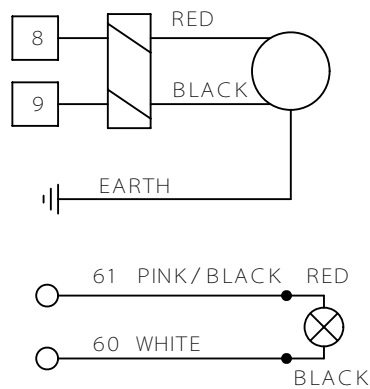


VEXTA  
STEPPER  
MOTORS

TB5



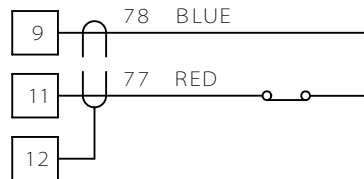
SPINDLE  
DRIVE



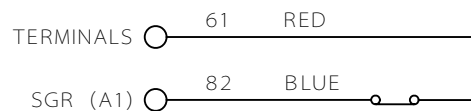
SPINDLE  
MOTOR  
1mm  
SINGLES

DENSTEP  
TERMINALS

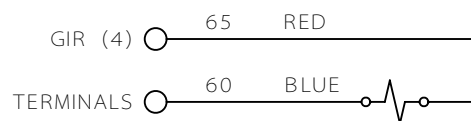
TB9



GUARD  
CONTACT 1



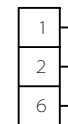
GUARD  
CONTACT 2



GUARD  
SOLENOID

FERRITE  
CORE  
(361T)

TB10



TB4



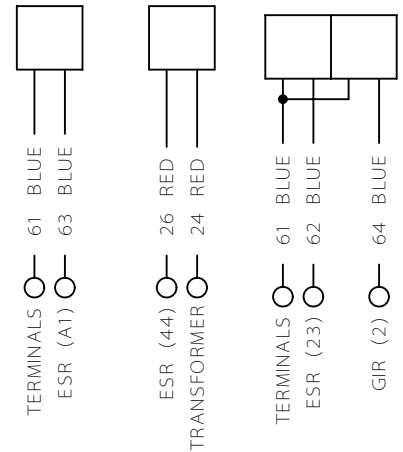
SPINDLE  
OVERRIDE

FEEDRATE  
OVERRIDE

DRIVES ON  
KEYSWITCH

MACHINE  
ON LAMP

E - STOP  
2 CONTACTS



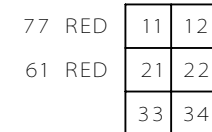
TERMINALS



X DATUM  
SWITCH

Z DATUM  
SWITCH

GUARD  
SWITCH  
CONTACTS



BLUE 78  
BLUE 82



RED BLUE  
65 60

3 x 2 CORE SCREEN CABLES

MICROTURN  
MOTOR AND  
SWITCH  
WIRING

SHEET 5  
MICROTURN  
DENSTEP

# DENSTEP TERMINALS

TB6



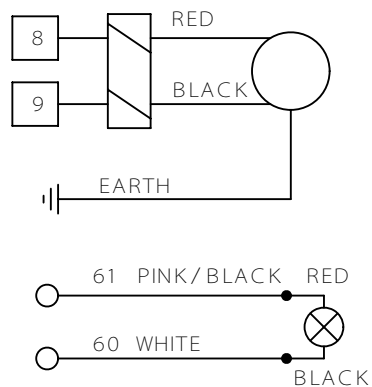
TB5



TERMINALS

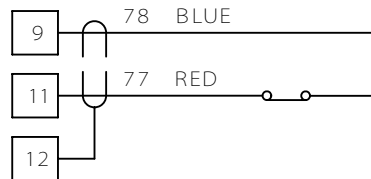


## SPINDLE DRIVE



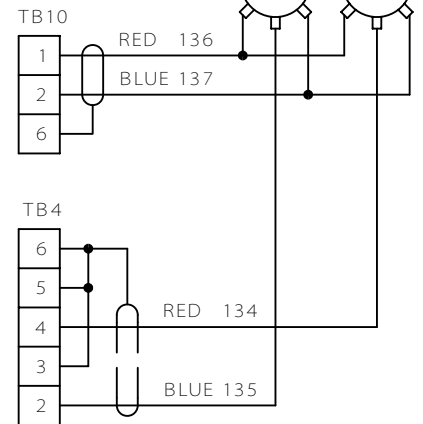
## DENSTEP TERMINALS

TB9



## FERRITE CORE (361T)

TB10



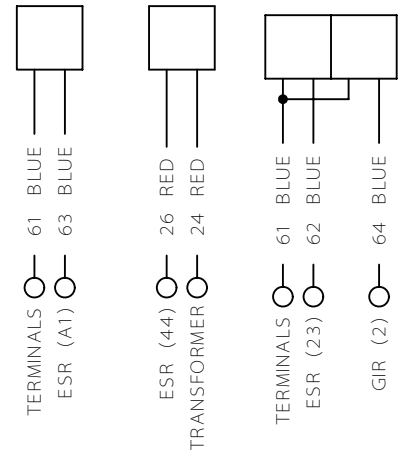
## SPINDLE OVERRIDE

## FEEDRATE OVERRIDE

## DRIVES ON KEYSWITCH

## MACHINE ON LAMP

## E - STOP 2 CONTACTS



## GUARD SWITCH CONTACTS

77 RED  
61 RED



BLUE 78  
BLUE 82

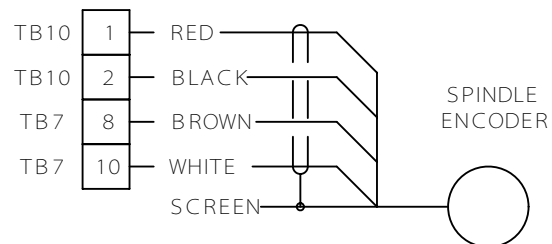
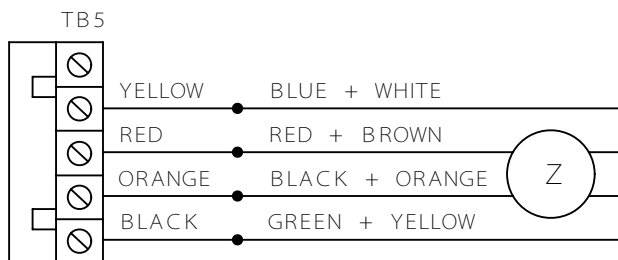
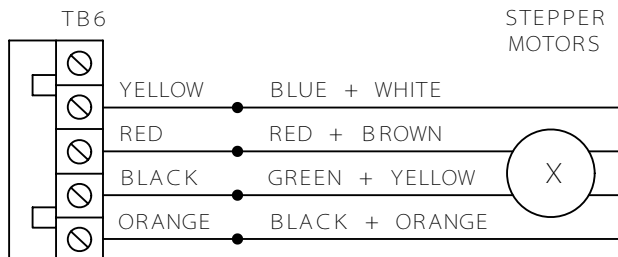


3 x 2 CORE SCREEN CABLES

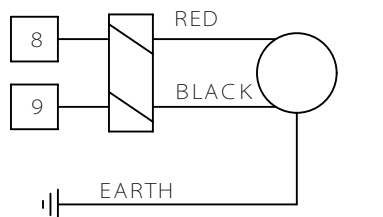
MICROMILL MOTOR AND SWITCH WIRING

SHEET 5  
MICROMILL  
DENSTEP

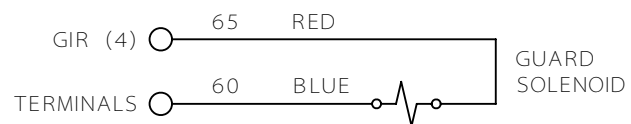
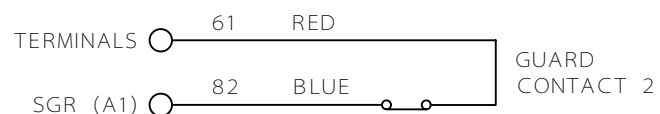
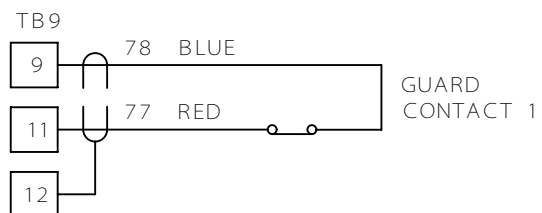
# DENSTEP TERMINALS



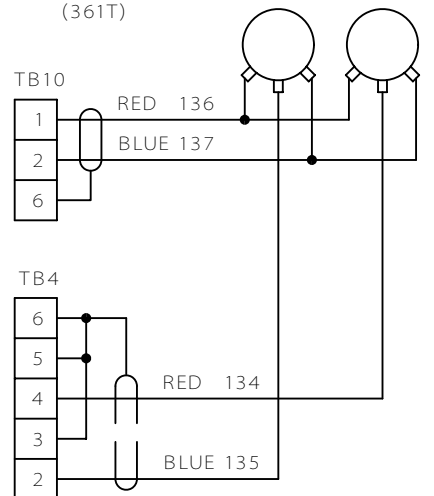
# SPINDLE DRIVE



# DENSTEP TERMINALS



# FERRITE CORE (361T)

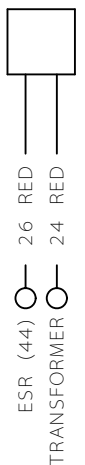


# SPINDLE OVERRIDE FEEDRATE OVERRIDE

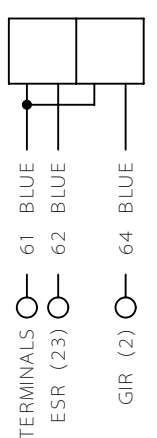
# DRIVES ON KEYSWITCH



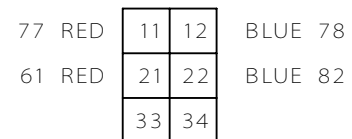
# MACHINE ON LAMP



# E - STOP 2 CONTACTS



# GUARD SWITCH CONTACTS



RED BLUE  
65 60

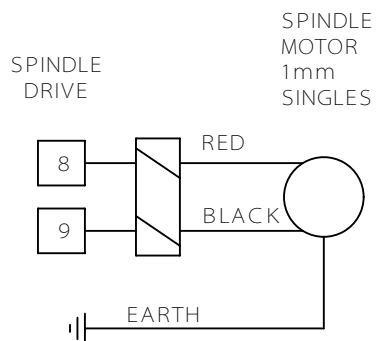
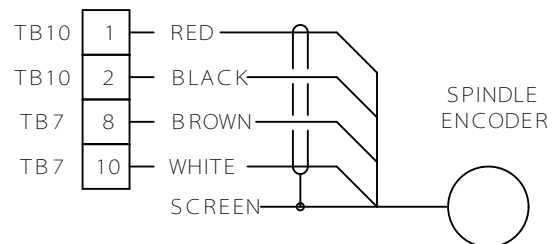
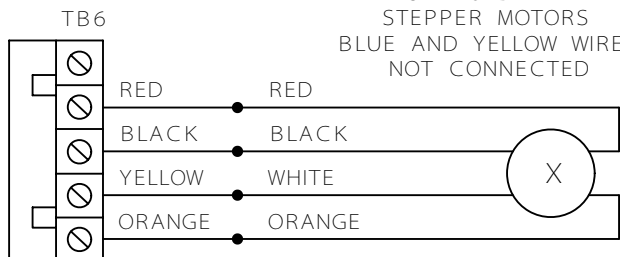
3 x 2 CORE SCREEN CABLES

MICROTURN  
MOTOR AND  
SWITCH  
WIRING

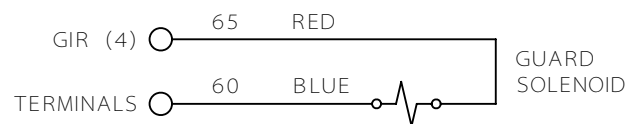
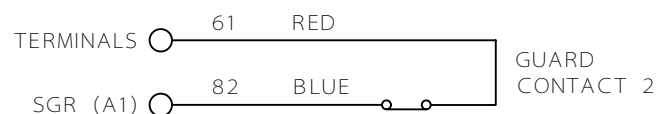
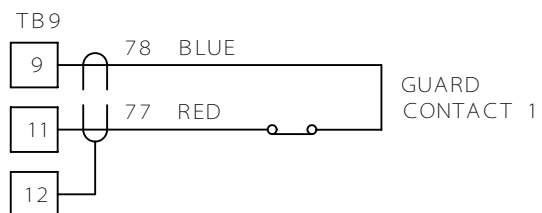
SHEET 5  
MICROTURN  
DENSTEP



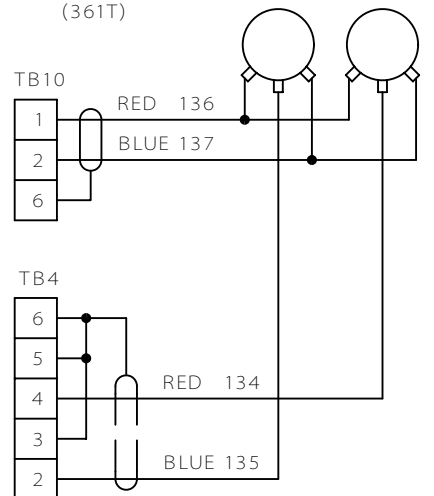
# DENSTEP TERMINALS



## DENSTEP TERMINALS



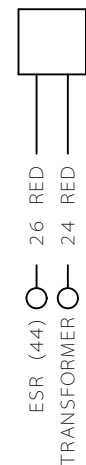
## FERRITE CORE (361T)



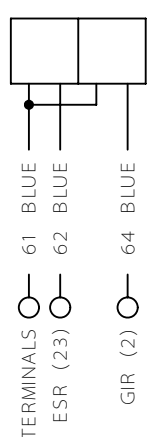
## DRIVES ON KEYSWITCH



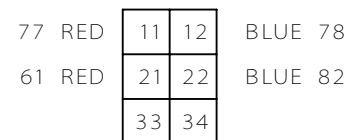
## MACHINE ON LAMP



## E - STOP 2 CONTACTS



## GUARD SWITCH CONTACTS



RED BLUE  
65 60

3 x 2 CORE SCREEN CABLES

MICROMILL  
MOTOR AND  
SWITCH  
WIRING

SHEET 5  
MICROMILL  
DENSTEP