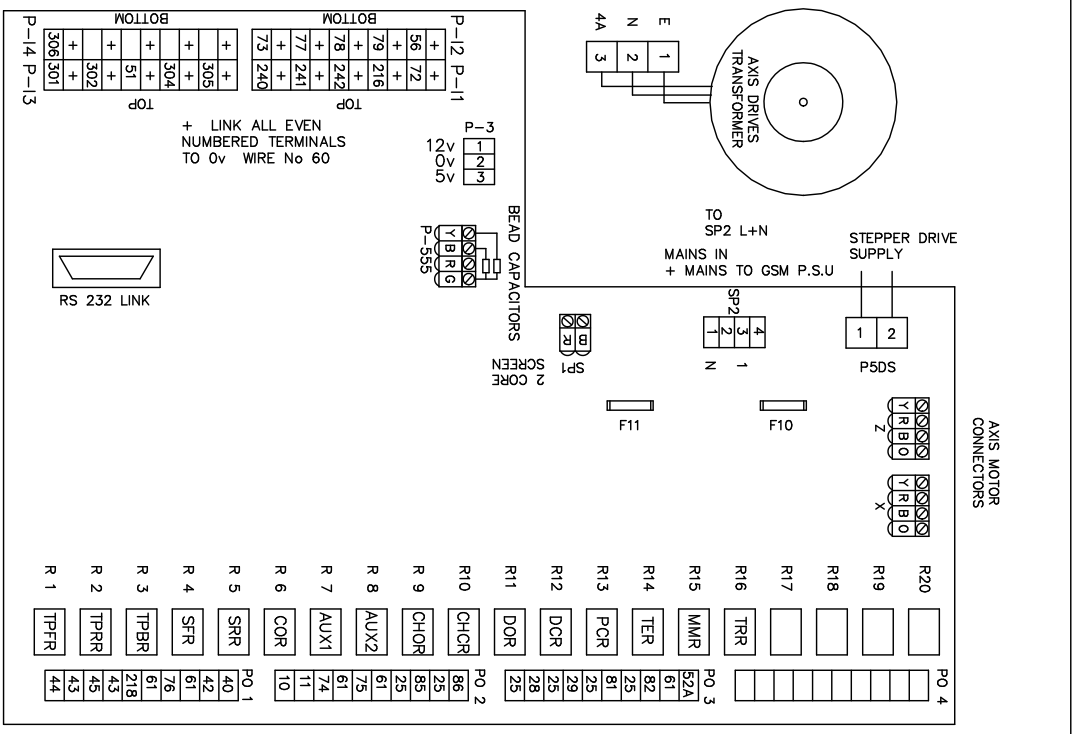
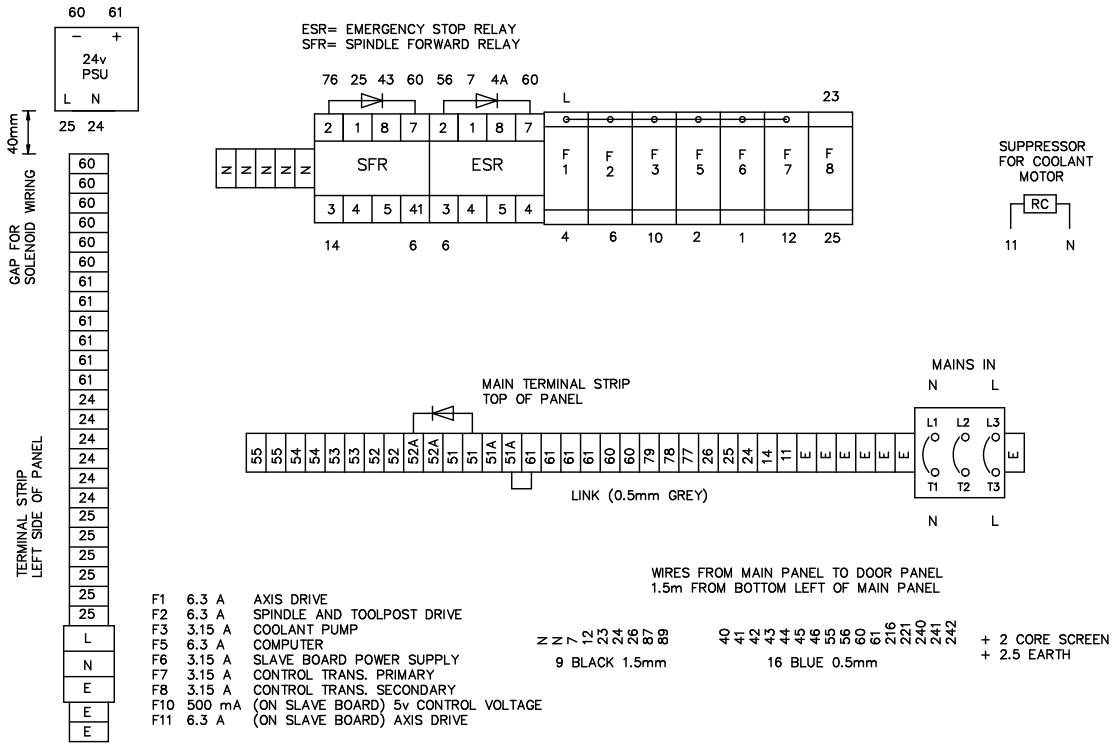

P-14 P-13 P-12 P-11
BOTTOM
TOP
306 301 302 51 304 305
73 240 77 241 78 242 79 216 56 72
+ LINK ALL EVEN NUMBERED TERMINALS TO 0v WIRE No 60
P-3
12v
0v
5v
P-555
Y B R G
RS 232 LINK
BEAD CAPACITORS
2 CORE SCREEN
SP1
4A N E
AXIS DRIVES TRANSFORMER
TO SP2 L+N
MAINS IN + MAINS TO GSM P.S.U
STEPPER DRIVE SUPPLY
SP2
N 1
P5DS
F11
F10
Z
X
Y R B O
AXIS MOTOR CONNECTORS
R 1 R 2 R 3 R 4 R 5 R 6 R 7 R 8 R 9 R10 R11 R12 R13 R14 R15 R16 R17 R18 R19 R20
TPFR TPRR TPBR SFR SRR COR AUX1 AUX2 CHOR CHCR DOR DCR PCR TER MMR TRR
PO 1 44 43 45 43 218 61 76 61 42 40
PO 2 10 11 74 61 75 61 25 85 25 86
PO 3 25 28 25 29 25 81 25 82 61 52A
PO 4


60 61
24v PSU
L N
25 24
40mm
GAP FOR SOLENOID WIRING
TERMINAL STRIP LEFT SIDE OF PANEL
60 60 60 60 60 60 61 61 61 61 61 61 24 24 24 24 24 24 25 25 25 25 25 25
L N E E E
ESR= EMERGENCY STOP RELAY
SFR= SPINDLE FORWARD RELAY
76 25 43 60 56 7 4A 60
SFR ESR
14 6 6
L 23
F1 F2 F3 F5 F6 F7 F8
4 6 10 2 1 12 25
SUPPRESSOR FOR COOLANT MOTOR
RC
11 N
MAIN TERMINAL STRIP TOP OF PANEL
LINK (0.5mm GREY)
MAINS IN
N L
L1 L2 L3
T1 T2 T3
F1 6.3 A AXIS DRIVE
F2 6.3 A SPINDLE AND TOOLPOST DRIVE
F3 3.15 A COOLANT PUMP
F5 6.3 A COMPUTER
F6 3.15 A SLAVE BOARD POWER SUPPLY
F7 3.15 A CONTROL TRANS. PRIMARY
F8 3.15 A CONTROL TRANS. SECONDARY
F10 500 mA (ON SLAVE BOARD) 5v CONTROL VOLTAGE
F11 6.3 A (ON SLAVE BOARD) AXIS DRIVE
WIRES FROM MAIN PANEL TO DOOR PANEL
1.5m FROM BOTTOM LEFT OF MAIN PANEL
N N 7 12 23 24 26 87 89
9 BLACK 1.5mm
40 41 42 43 44 45 46 55 56 60 61 216 221 240 241 242
16 BLUE 0.5mm
+ 2 CORE SCREEN
+ 2.5 EARTH