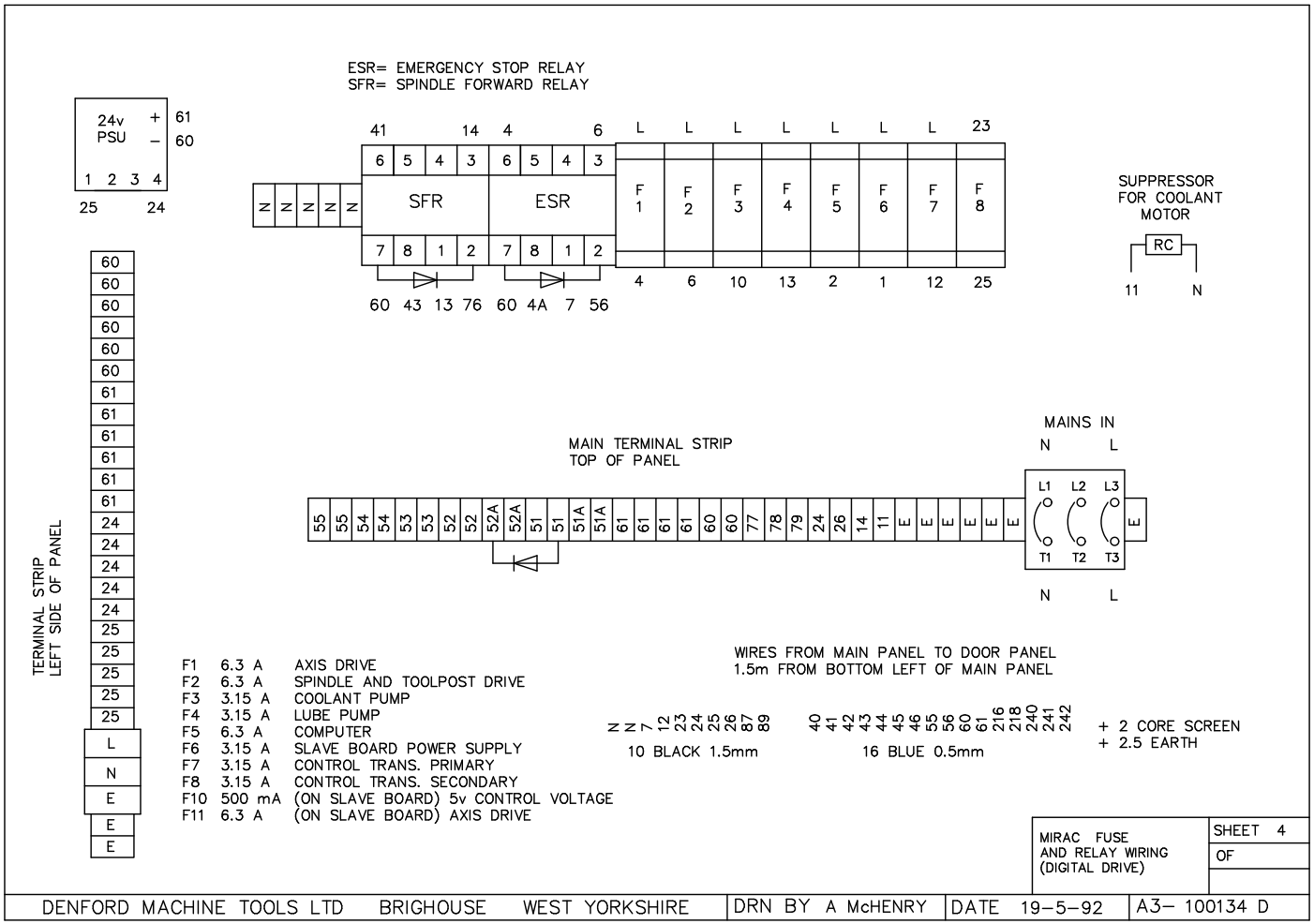
ESR= EMERGENCY STOP RELAY
SFR= SPINDLE FORWARD RELAY
24v PSU
+ 61
– 60
1 2 3 4
25 24
41 14 4 6
6 5 4 3 6 5 4 3
N N N N N
SFR
ESR
7 8 1 2 7 8 1 2
60 43 13 76 60 4A 7 56
L L L L L L L L 23
F 1 F 2 F 3 F 4 F 5 F 6 F 7 F 8
4 6 10 13 2 1 12 25
SUPPRESSOR FOR COOLANT MOTOR
RC
11 N
TERMINAL STRIP LEFT SIDE OF PANEL
60 60 60 60 60 60 61 61 61 61 61 61 61 24 24 24 24 24 25 25 25 25 25
L N E E E
MAIN TERMINAL STRIP TOP OF PANEL
55 55 54 54 53 53 52 52 52A 52A 51 51 51A 51A 61 61 61 61 60 60 77 78 79 24 26 14 11 E E E E E E
MAINS IN
N L
L1 L2 L3
T1 T2 T3
E
N L
F1 6.3 A AXIS DRIVE
F2 6.3 A SPINDLE AND TOOLPOST DRIVE
F3 3.15 A COOLANT PUMP
F4 3.15 A LUBE 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 25 26 87 89
10 BLACK 1.5mm
40 41 42 43 44 45 46 55 56 60 61 216 218 240 241 242
16 BLUE 0.5mm
+ 2 CORE SCREEN
+ 2.5 EARTH
MIRAC FUSE AND RELAY WIRING (DIGITAL DRIVE)
SHEET 4
OF
DENFORD MACHINE TOOLS LTD BRIGHOUSE WEST YORKSHIRE
DRN BY A McHENRY
DATE 19–5–92
A3– 100134 D