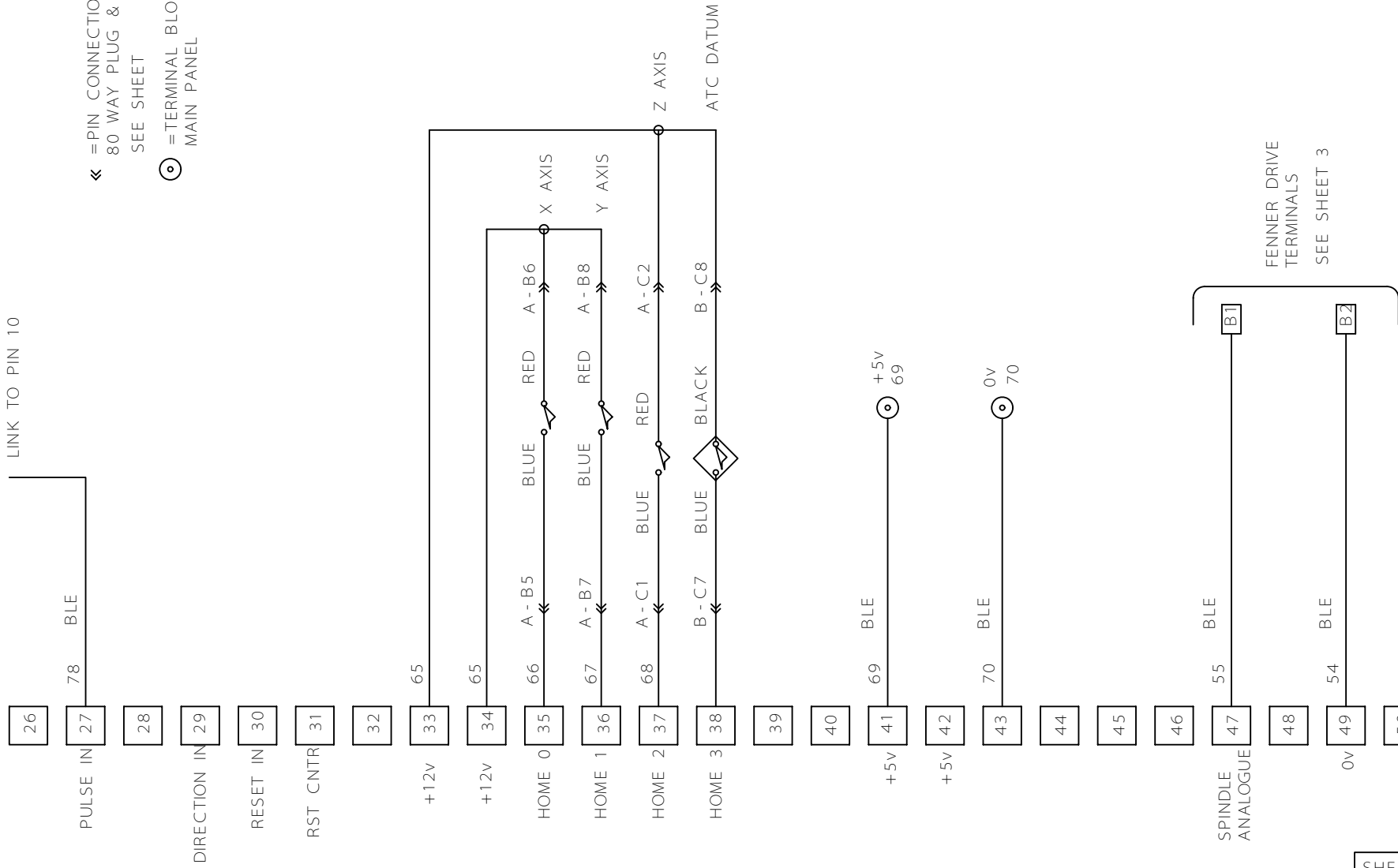
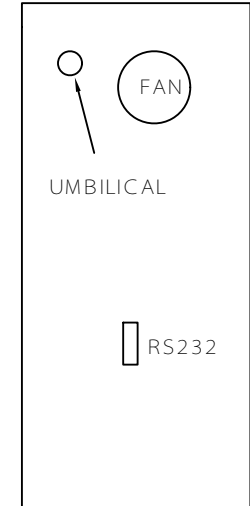
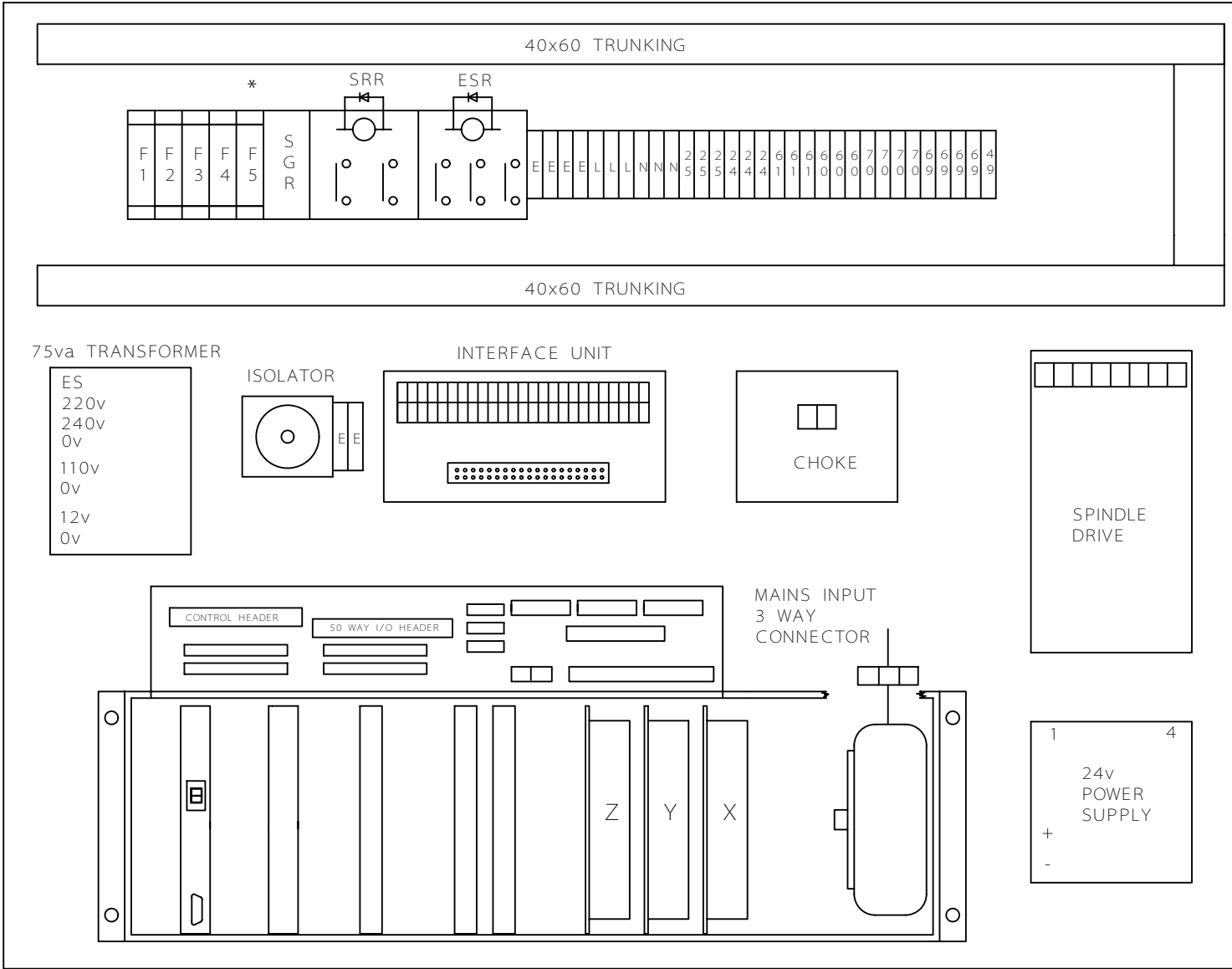


RS 50 WAY INTERFACE CONNECTIONS





SIDE VIEW OF
PANEL ENCLOSURE

*
F5 FUSE FOR
SPRAY MIST
(NOT NORMALLY FITTED)

SHEET No 3

STARMILL PC
MAIN PANEL
LAYOUT

OF

PLUG A

⊖ EARTH

A1	RED	
A2	YELLOW	
A3	ORANGE	
A4	BLACK	
A5	RED	
A6	YELLOW	
A7	ORANGE	
A8	BLACK	
A9	RED	
B2	YELLOW	
B3	ORANGE	
B4	BLACK	
B5	RED	65
B6	YELLOW	66
B7	RED	65
B8	YELLOW	67
C1	RED	65
C2	YELLOW	68
C3	RED	20
C4	BLACK	21
C5	EARTH	E
C6	RED	70
C7	BLUE	69
C8	YELLOW	78

X
STEPPER
MOTOR

0.2 mm
SINGLES

Y
STEPPER
MOTOR

0.2 mm
SINGLES

Z
STEPPER
MOTOR

0.2 mm
SINGLES

X
DATUM

0.2 mm
SINGLES

Y
DATUM

0.2 mm
SINGLES

Z
DATUM

0.2 mm
SINGLES

SPINDLE
MOTOR

1.5mm
SINGLES

SPINDLE
SENSOR

4 CORE
SCREEN

PLUG B

A1	RED	49
A2	BLUE	61
A3	YELLOW	
A4	GREEN	
A5	BLUE	70
A6	BLUE	77
A7		
A8		
A9		
B2	BLACK	
B3	WHITE	
B4	RED	
B5	RED/WHITE	
B6	GREEN	
B7	YELLOW	
C1	RED	71
C2	BLUE	70
C3	RED	72
C4	BLUE	70
C5	RED	
C6	BLUE	
C7	BLACK	65
C8	BLUE	73
C9		

E - STOP

4 CORE
SCREEN

GUARD
SWITCH

0.2 mm
SINGLES

ATC
STEPPER
MOTOR

0.2 mm
SINGLES

ATC IN
SWITCH

2 CORE
SCREEN

ATC OUT
SWITCH

2 CORE
SCREEN

SPARE

2 CORE
SCREEN

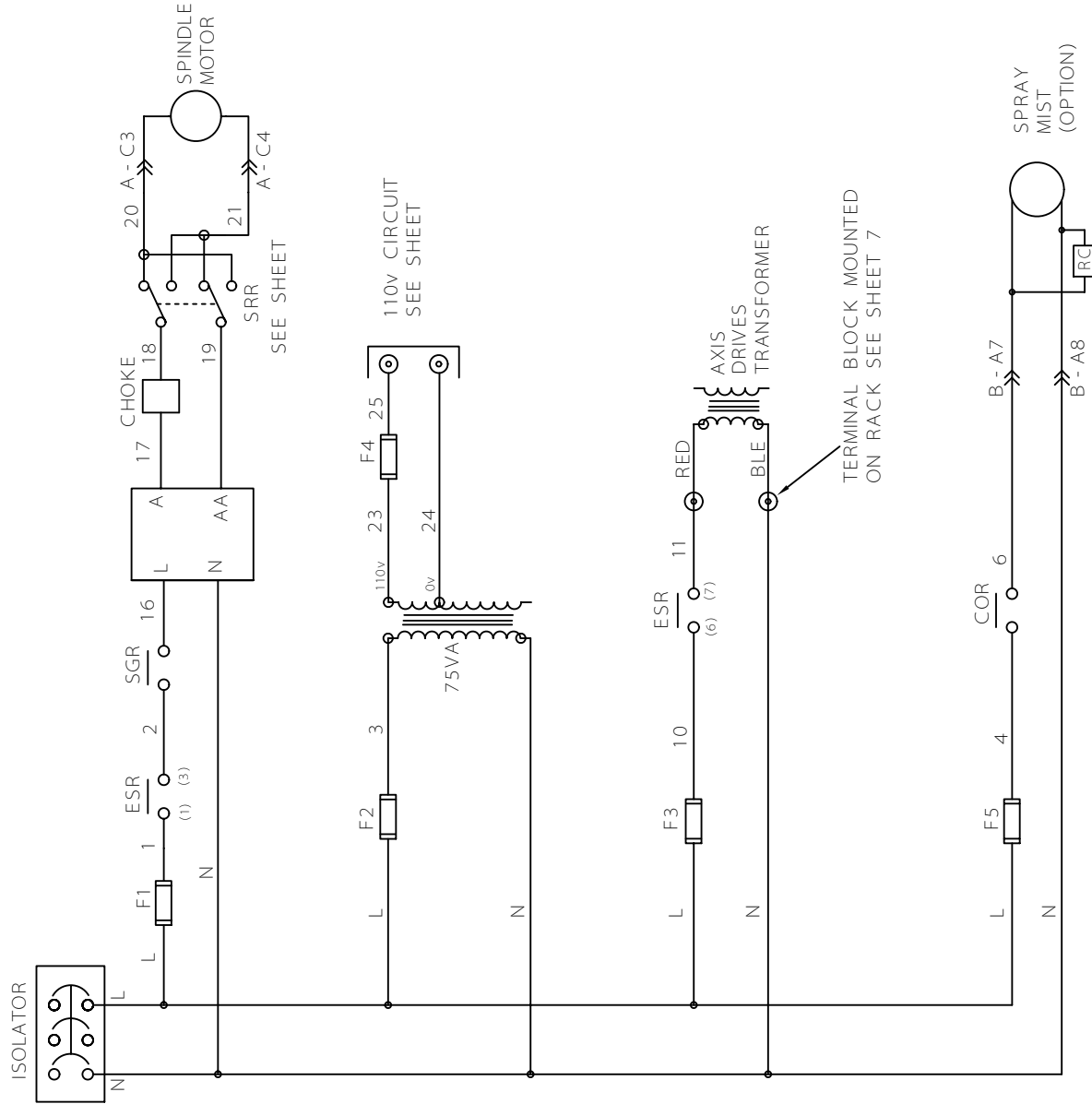
ATC DATUM
SENSOR

0.2 mm
SINGLES

SHEET No 6

STARMILL PC
PLUG & SOCKET
CONNECTIONS

OF



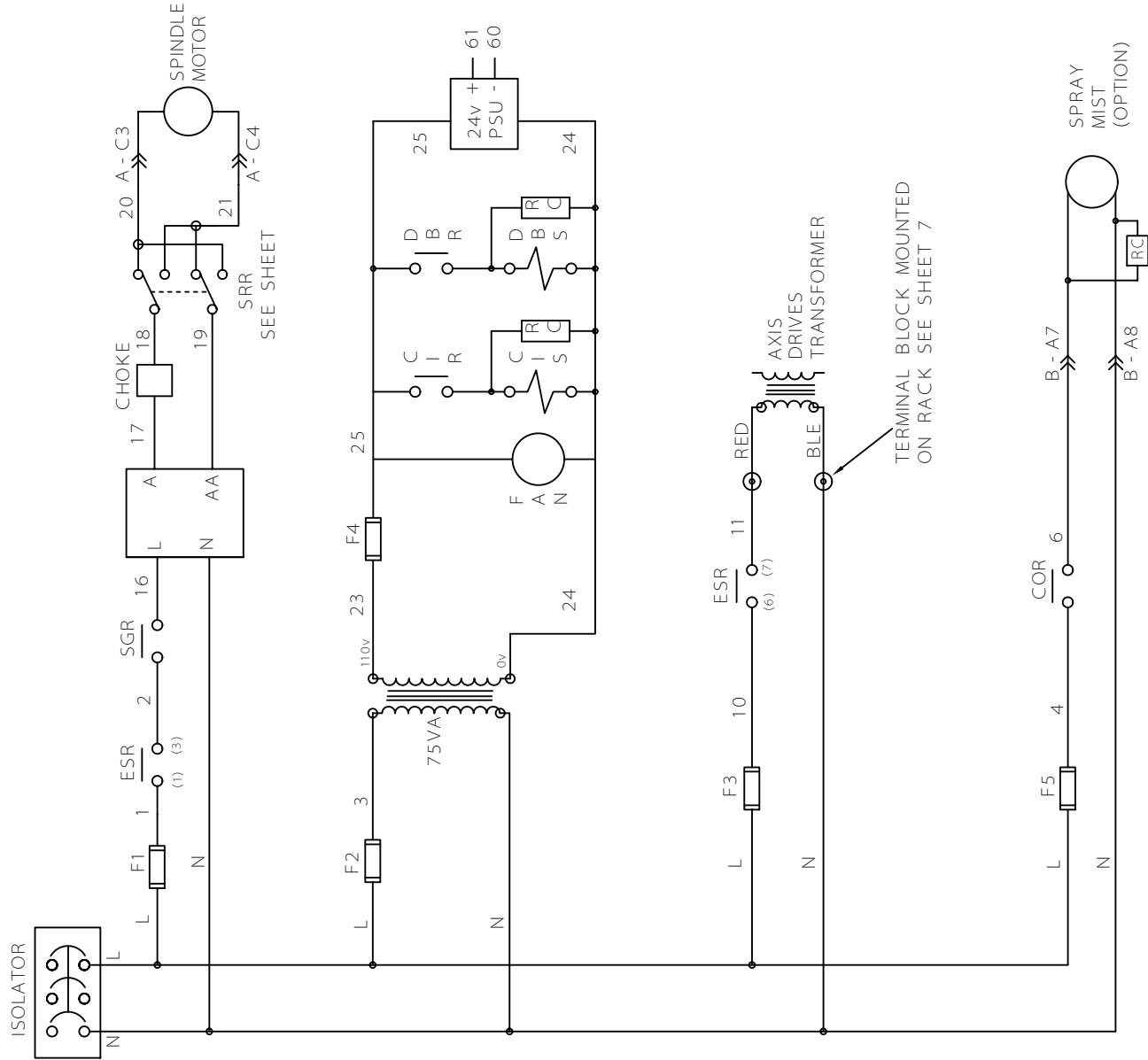
ALL FUSES ARE 3.15 AMP

⊙ = TERMINALS ON MAIN PANEL

NUMBERS IN BRACKETS REFER TO RELAY CONNECTIONS

» REFERS TO PIN NOS ON PLUG AND SOCKET ASSEMBLY

STARMILL PC MAIN POWER SCHEMATIC	SHEET No 1
	OF



ALL FUSES ARE 3.15 AMP

⊙ = TERMINALS ON MAIN PANEL

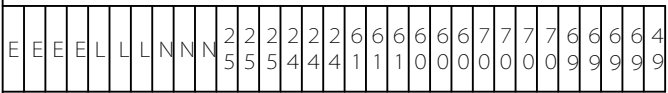
NUMBERS IN BRACKETS REFER TO RELAY CONNECTIONS

» REFERS TO PIN NOS ON PLUG AND SOCKET ASSEMBLY

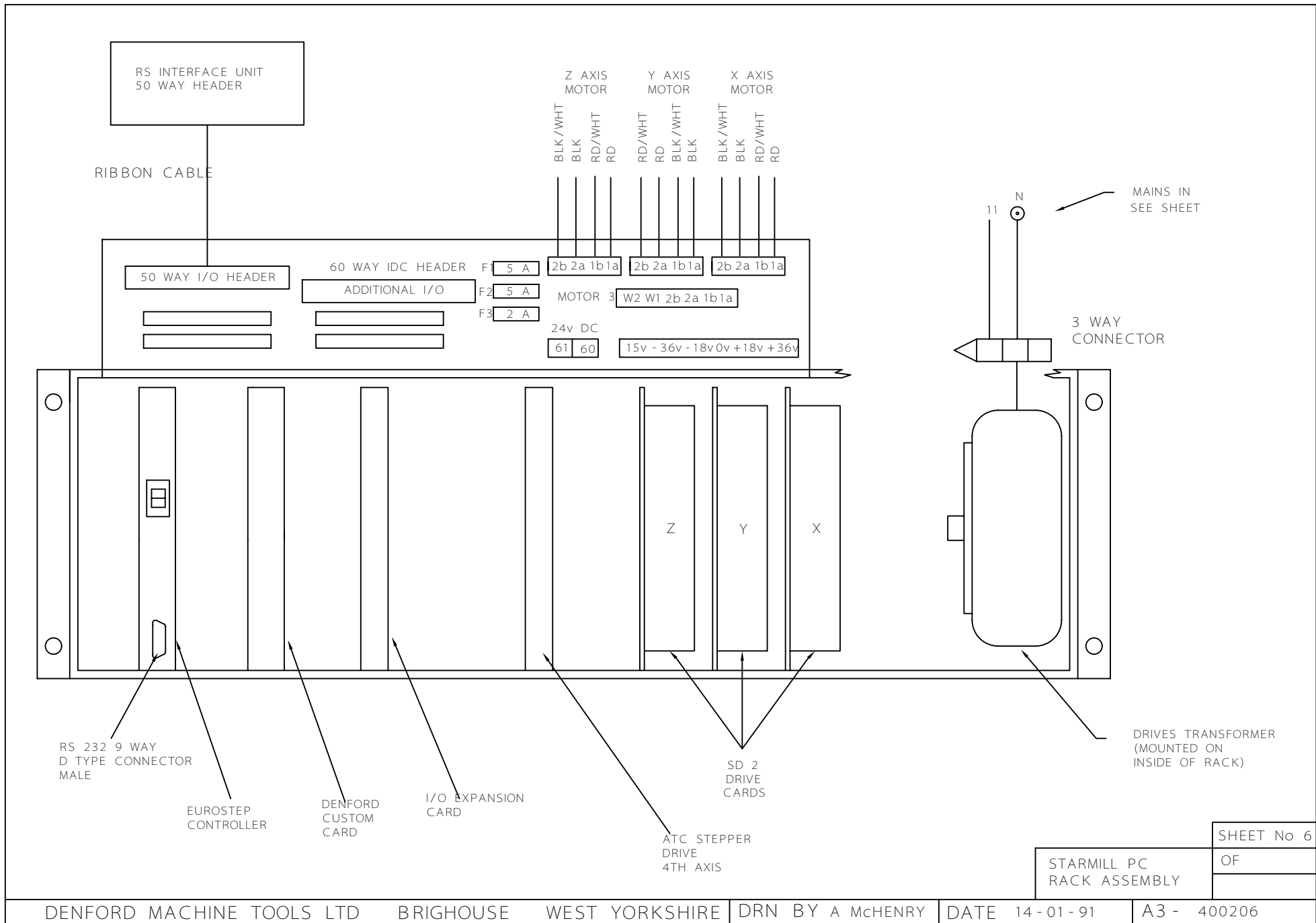
STARMILL PC
MAIN POWER
SCHEMATIC

SHEET No 1

OF



24v
POWER
SUPPLY



STARMILL SPINDLE DRIVE
CONNECTIONS

L	N	A+	A-	C	C
---	---	----	----	---	---

1	2	3	4
0V	COM		+15

RED ORG BRN

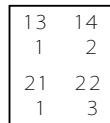
0V	COM		+15
----	-----	--	-----

RED YLW BLE

OPTION

SHEET No

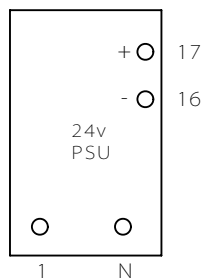
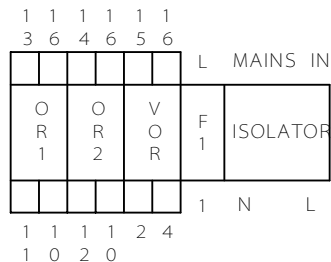
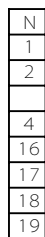
OF



MAN/AUTO
KEYSWITCH



VICE OPEN
P/B



8 CORE TO STARMILL
15 WAY D TYPE
FEMALE

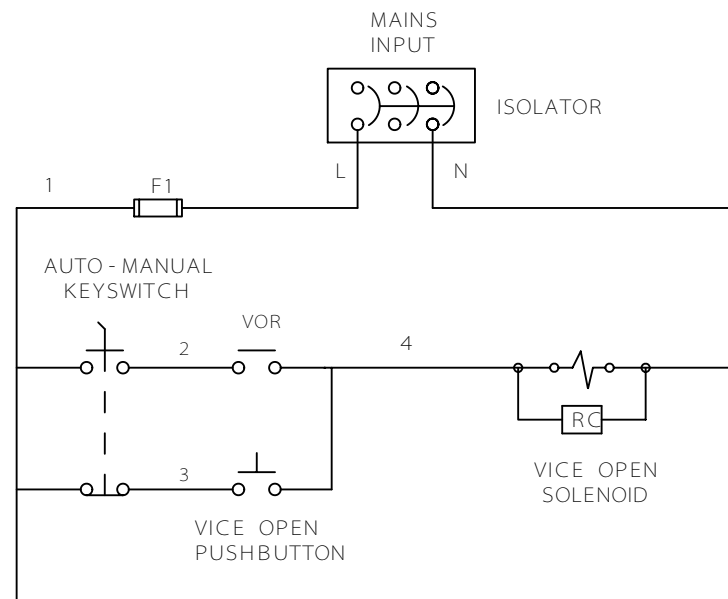
PIN WIRE COLOUR

1	18	BLACK
3	17	BROWN
4	19	RED
6	17	YELLOW
10	10	GREEN
11	11	BLUE
12	12	VIOLET

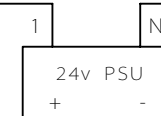
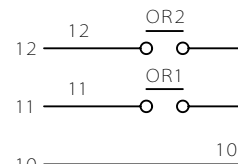
8 CORE TO ROBOT
50 WAY AMPHENOL

PIN WIRE COLOUR

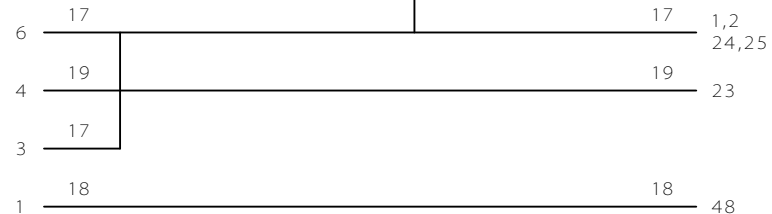
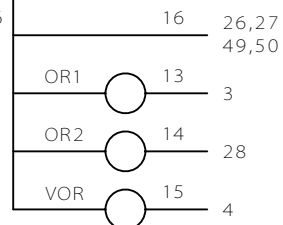
48	18	BLACK
23	19	RED
1	17	BROWN
2		
24		
25		
3	13	YELLOW
28	14	GREEN
4	15	BLUE
26	16	VIOLET
27		
49		
50		



STARMILL
15 WAY D FEMALE



ROBOT
50 WAY AMPHENOL



SHEET	
OF	
STARMILL NEE VICE CONTROL BOX	