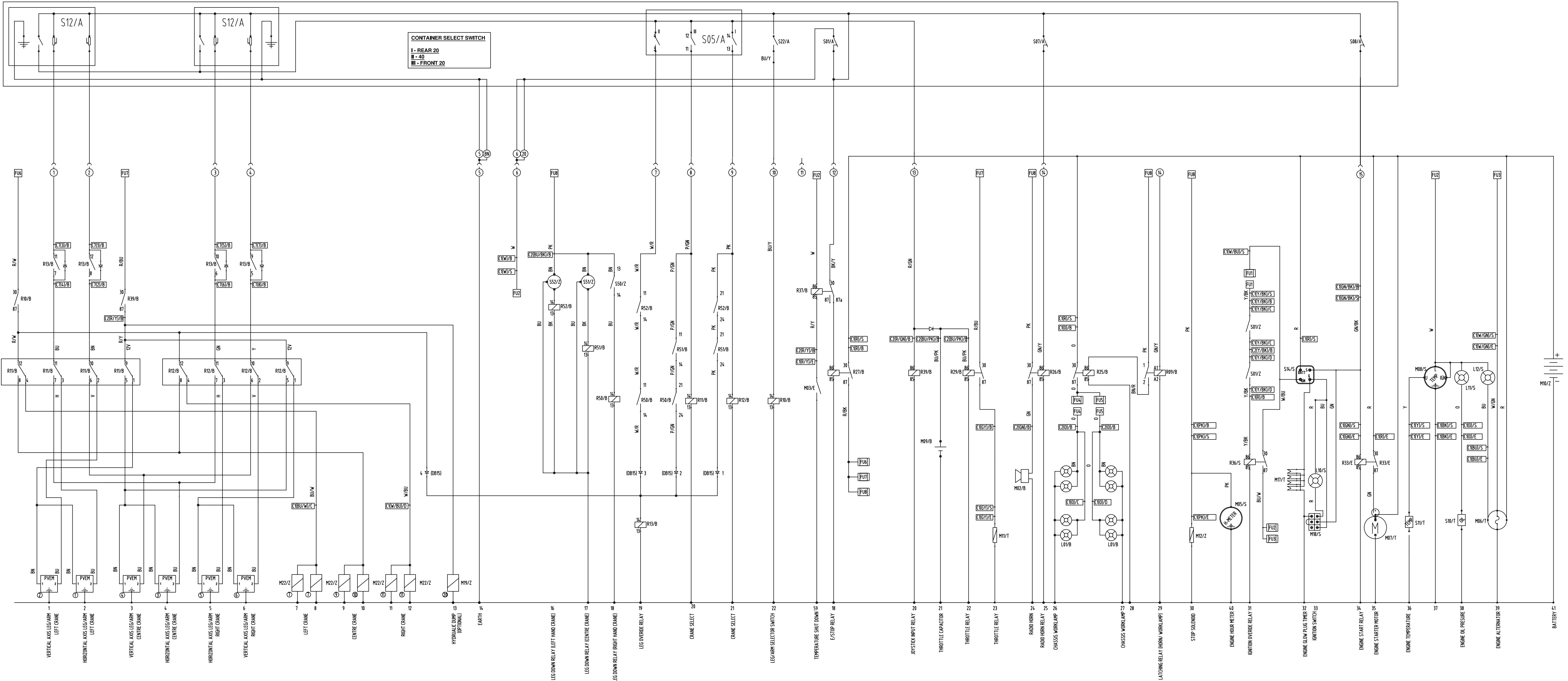




- RELAYS
- R01 - HIGH LOW SPEED SIGNAL RELAY
 - R02 - ARM SIGNAL RELAY
 - R03 - LEG SIGNAL RELAY
 - R04 - CRANE TRAVERSE SIGNAL RELAY
 - R05 - OFF SIDE LEG SIGNAL RELAY
 - R06 - ANGLE/ITL SIGNAL RELAY
 - R07 -
 - R08 -
 - R09 - WORKLAMP/RADIO HORN LATCHING RELAY
 - R10 - ARM/LEG SELECTOR RELAY (DIVERter VALVE)
 - R11 - DIVERter RELAY (LEFT AND CENTRE)
 - R12 - DIVERter RELAY (RIGHT AND CENTRE)
 - R13 - STABILIZER MICRO-ARM SIGNAL INHIBITOR RELAY
 - R14 - TOP LIFT SIGNAL RELAY
 - R22 - SAFETY LEG RELAY
 - R23 - SAFETY BATTERY RELAY
 - R24 - HIGH LOW SPEED RELAY/PUMP SELECTION
 - R25 - WORKLAMP RELAY
 - R26 - RADIO HORN RELAY
 - R27 - IGNITION RELAY
 - R28 -
 - R29 - THROTTLE RELAY
 - R30 - HYDRAULIC DUMP RELAY
 - R31 - LEG ANGLE/PROXIMITY RELAY (BASIC MWS ONLY)
 - R32 - ON/OFF STATION RELAY (MWS ONLY)
 - R33 - ENGINE START RELAY
 - R34 - TOP LIFT INTERLOCK RELAY
 - R36 - RADIO IGNITION OVERIDE RELAY
 - R37 - ENGINE OVER HEAT SHUT DOWN (OPTIONAL)
 - R38 - BATTERY WARNING BEEPER RELAY (EEC SPEC OPTION)
 - R39 - JOYSTICK RELAY
 - R40 - LEG MICRO RELAY
 - R41 - OFFSIDE LEG PYEM POWER RELAY
 - R42 - ARM ANGLE RELAY
 - R50 - LEG DOWN RELAY - RIGHT HAND CRANE (SB121 ONLY)
 - R51 - LEG DOWN RELAY - CENTRE CRANE (SB121 ONLY)
 - R52 - LEG DOWN RELAY - LEFT HAND CRANE (SB121 ONLY)

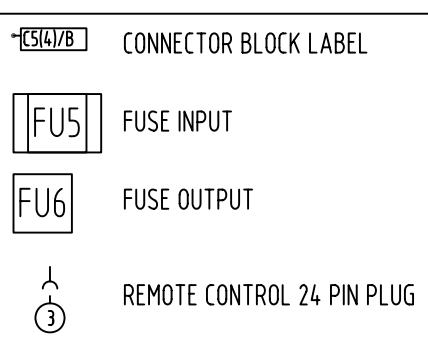
- SWITCHES
- S01 - EMERGENCY STOP SWITCH
 - S02 - HYDRAULIC DUMP MANUAL OVERIDE SWITCH
 - S03 - HIGH LOW SPEED SELECTION SWITCH
 - S04 - WORKLAMP SWITCH
 - S05 - MODE SELECT SWITCH
 - S06 - LEG ANGLE PROXIMITY SWITCH (MWS ONLY)
 - S07 - RADIO HORN SWITCH (OPTIONAL)
 - S08 - RADIO ENGINE START SWITCH
 - S09 - CAPACITOR
 - S10 - MANUAL OVERIDE SWITCH
 - S11 - ENGINE OIL PRESSURE SWITCH
 - S12 - STOP SOLENOID
 - S13 - OPTICAL SENSOR (CONTAINER POSITION)
 - S14 - ENGINE STARTER SWITCH
 - S15 - OPTICAL SENSOR (BATTEN)
 - S16 - HALL EFFECT SWITCH (MWS ONLY)
 - S17 - BATTERY ISOLATOR SWITCH (OPTIONAL)
 - S18 - TLT SWITCH/SENSOR
 - S19 - CRANE ON/OFF STATION ARM INHIBITION(MWS ONLY)
 - S20 - CRANE ON/OFF STATION MICRO SWITCH (MWS ONLY)
 - S21 - STABILIZER WARNING MICRO SWITCH
 - S22 - ARM/LEG SELECTOR SWITCH (SB121 ONLY)
 - S50 - DIODE SAFETY BATTERY SWITCH
 - S51 - DIODE SAFETY LEG DEPLOY SWITCH
 - S92 - SWITCH 90% PRESSURE WARNING
 - S93 - SWITCH 100% PRESSURE WARNING

- MISCELLANEOUS
- M01 - WARNING BEEPER (MAIN CONTROL BOX)
 - M02 - RADIO HORN
 - M03 - SHUTDOWN TEMPERATURE SENDER
 - M04 - THROTTLE CAPACITOR
 - M05 - ENGINE HOUR METER
 - M06 - ENGINE ALTERNATOR
 - M07 - ENGINE STARTER MOTOR
 - M08 - ENGINE TEMPERATURE GAUGE
 - M09 - CAPACITOR
 - M10 - 12 VOLT BATTERY
 - M11 - THROTTLE SOLENOID
 - M12 - STOP SOLENOID
 - M13 - EHF ELECTROHYDRAULIC FLOW CONTROLLER
 - M14 - LEG ANGLE FLASHER UNIT (MWS ONLY)
 - M15 - STABILIZER WARNING BEEPER
 - M16 - HIGH LOW SPEED PUMP SOLENOID
 - M17 - ENGINE GLOW PLUG
 - M18 - GLOW PLUG TIMER
 - M19 - HYDRAULIC DUMP SOLENOID
 - M20 - CRANE TRAVERSE AIR LOCK SOLENOID
 - M21 - SAFETY SOLENOID
 - M22 - ARM/LEG DIVERter SOLENOID

- LAMPS
- L01 - WORKLAMP
 - L02 - POWER INDICATION LAMP
 - L03 - SHUTDOWN TEMPERATURE SENDER
 - L04 - SAFETY SYSTEM 100% PRESSURE WARNING LAMP
 - L05 - SAFETY SYSTEM LEG DEPLOY REAR LAMP
 - L06 - SAFETY SYSTEM LEG DEPLOY FRONT LAMP
 - L07 - CONTAINER POSITION SENSOREM LAMP
 - L08 - CONTAINER POSITION LAMP
 - L09 - BEACON (STROBE) (OPTIONAL)
 - L10 - ENGINE PREHEAT LAMP
 - L11 - ENGINE OIL PRESSURE LAMP
 - L12 - ENGINE CONTROL LAMP
 - L13 - CABINET LAMP
 - L14 - ON/OFF STATION LAMP (MWS ONLY)
 - L16 - READY LIGHT TOP LIFT FRAME
 - L17 - LOCKED LIGHT TOP LIFT FRAME
 - L18 - UNLOCKED LIGHT TOP LIFT FRAME
 - L19 - CLEARANCE LAMP (CRANE)
 - L20 - LEG ANGLE - PROXIMITY SWITCH
 - L21 - LEG DOWN WARNING LAMP

CONNECTOR BLOCK CODE

DESCRIPTION	NUMBER OR COLOUR	LOCATION



- COLOR
- RED
 - WHITE
 - PURPLE
 - YELLOW
 - BROWN
 - BLUE
 - BLACK
 - GREY
 - GREEN
 - PINK

- ABBREVIATION
- R
 - W
 - P
 - Y
 - F
 - G
 - H
 - BU
 - BK
 - GY
 - GN
 - PK

- ABBREVIATION LOCATION
- A-----REMOTE CONTROL JIB
 - B-----MAIN CONTROL JIB
 - C-----LEFT CRANE JIB
 - D-----RIGHT CRANE JIB
 - E-----ENGINE JIB
 - F-----ACCESSORY JIB
 - G-----TRAILER LIGHTING JIB
 - H-----TRAILER LIGHTING JIB
 - I-----TRAILER PLUG JIB
 - J-----SAFETY SYSTEM WARNING LIGHT JIB
 - L-----SAFETY SYSTEM JIB
 - M-----TOP LIFT FRAME MAIN JIB
 - T-----POWER PACK
 - U-----TOP LIFT FRAME WARNING LIGHT JIB
 - W-----TOP LIFT FRAME
 - X-----LEFT CRANE ASSEMBLY
 - Y-----RIGHT CRANE ASSEMBLY
 - Z-----CHASSIS ASSEMBLY

Title	SB121M-AU POWER PACK ELECTRICAL	Part	Rev
Notes	Filename	SB7615-85	
	Drawn	G ODELL	30/09/2005
		Mass	kg
			A2



KLAUS
STEELBRO New Zealand Ltd
1-31 Treffers Rd, Christchurch
New Zealand

Default Tolerances
Machining: Size ±0.1, Surface N8
Profiling: Size ±2, Position ±2
Welding: Position ±3, Quality C
(C) STEELBRO New Zealand 2000