C32R5 and LEESON

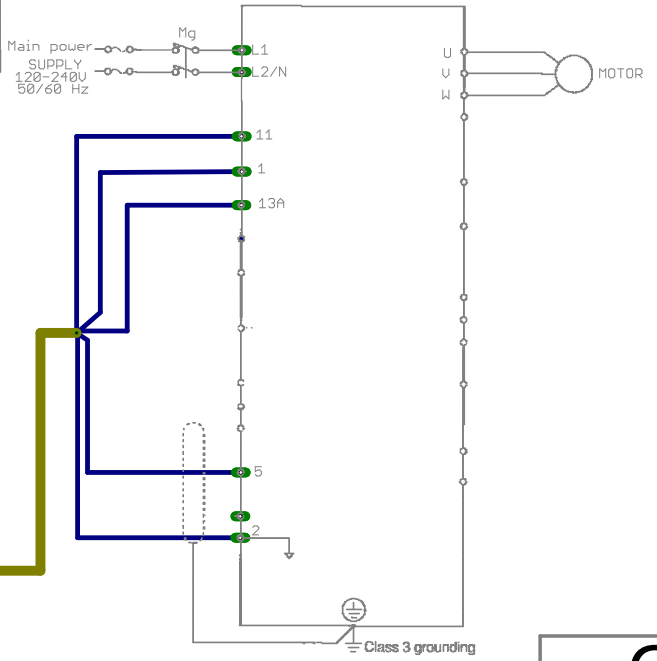
STRAIGH-THRU 568B UTP CABLE

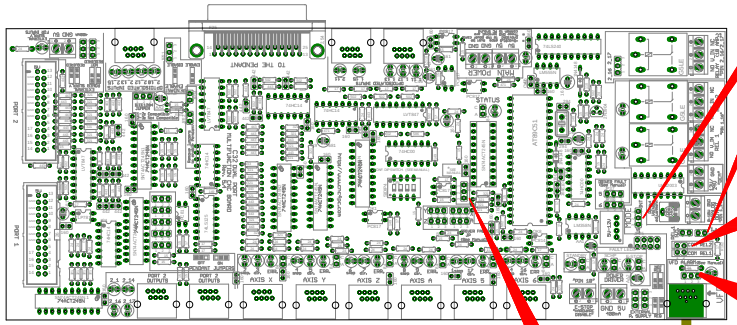
JUMPED

NOT JUMPED

INVERTER TERMINAL	INVERTER FUNCTION	RJ45 CABLE COLOR / PIN #	C32 FUNCTION
11	Digital input reference	BROWN / 8	COM R
1	Forward	BLUE / 4	REL1 N.O.
13A	Reverse	GREEN / 6	REL2 N.O.
5	0-10VDC Analog input	ORANGE / 2	Analog Output
2	GND for analog signals	ORANGE-WHITE / 1	Analog. GND

SM series





US MODE

N.O. REL1

N.O. REL2

REL2 COM

REL1 COM

VFD ALARM TYPE

VFD ALARM DTECTION

- Mode: US/INT: Determines if relays will act as REL1 =start/stop CW and REL2 = start/stop CCW or REL1 = start/stop and REL2 = FOR/REV.
- NO REL1 and REL2 :Connects the relay normaly open (N.O.) contact to a pin of the VFD RJ45 connector (Pin 4 for relay 1 and Pin 6 or relay 2 This pin can be connected to any external voltage (as user requires)
- REL1COM / REL2COM Make both relays use the same common.
- VFD ALARM TYPE: Determine if active or low.
- VFD ALARM DETECTION: Enable or disble the vfd alarm detection futntion

- Make sure the grounds of the analog circuit are keep isolated from the logic (+5vdc). Use a multimeter to confirm there is no continuity between the two grounds before applying power.
- Please consult the inverter manual and confirm this wiring works for your unit.

Note:
This wiring is just to illustrate a sample product application.
Specific wiring may vary from system to system.
It is the users responsibility to implement it correctly.

INT MODE				
C32 PIN		RELAYS		SPINDLE OPERATION
1_14	1_16	REL. 1	REL. 2	
PWM	ON	ON	ON	Spindle ON CCW
PWM	OFF	ON	OFF	Spindle ON CW
OFF	ON	OFF	OFF	Spindle OFF
OFF	OFF	OFF	OFF	Spindle OFF

US MODE				
C32 PIN		RELAYS		SPINDLE OPERATION
1_14	1_16	REL. 1	REL. 2	
PWM	ON	OFF	ON	Spindle ON CCW
PWM	OFF	ON	OFF	Spindle ON CW
OFF	ON	OFF	OFF	Spindle OFF
OFF	OFF	OFF	OFF	Spindle OFF

CNC4PC
http://www.cnc4pc.com

Designed: YAC	Date: MAR-3-2014
Revised:	Date:
Item: C32R5 and LEESON	Ver.: 1
Description: C32R5 and LEESON SM series	