

DCBR 24-33 CONTROL SYSTEM LAYOUT FOR:

TIFFIN MOTORHOMES

SPYDER CONTROLS SYSTEM

2017 ALLEGRO PINOUT DIAGRAM

PRODUCTION VERSION 2016/05/10

BREAKER #	LOAD	AMPS
1		
2		
3	Bed RM LTS & Main Ceiling LTS	10A
4	Task LTS & Hall LTS	5A
5	Entry LT & Toilet RM LT	5A
6	Rear Bath LT & Floor LT	5A
7		
8		
9		
10	Water HTR (Elec & Gas)	15A
11	Porch LT	5A
12	Spare Lights	5A
13	Toilet	35A
14	Spare	15A
15	Spare	20A
16	Galley Fan	5A
17	Toilet Fan	5A
18	Bath Fan	5A
19	Front Furnace	15A
20	Switcher	5A
21	LP	10A
22	CLST LT/IR	10A
23	A/C Power	10A
24	Ext Ent	20A

CON J2 - SLIDE OUTPUTS

- Pin 8: BED SLIDE RET
- Pin 7: BED SLIDE EXT
- Pin 6: P/S FR SLIDE RET
- Pin 5: P/S FR SLIDE EXT
- Pin 4: VANITY SLIDE RET
- Pin 3: VANITY SLIDE EXT
- Pin 2: D/S FR SLIDE RET
- Pin 1: D/S FR SLIDE EXT

CON J12 - PUMP SW & WTR HTR

- Pin 4: WATER PMP STATUS
- Pin 3: WATER PMP SWITCH
- Pin 2: WATER HTR WARNING
- Pin 1: WATER PMP SWI GND

CON J6 - SWITCHED OUTPUTS

- Pin 8: SPARE RELAY (BR #12)
- Pin 7: PORCH LT (BR #11)
- Pin 6: WATER HEATER - ELEC (BR #10)
- Pin 5: WATER HEATER - GAS (BR #10)
- Pin 4: HYDRAULIC PUMP
- Pin 3: WATER PUMP
- Pin 2: AWNING EXT
- Pin 1: AWNING RET

CON J8 - FAN OUTPUTS

- Pin 6: GALLEY FAN DN (BR #18)
- Pin 5: GALLEY FAN UP (BR #18)
- Pin 4: GALLEY FAN ON/OFF (BR #18)
- Pin 3: TOILET FAN DN (BR #17)
- Pin 2: TOILET FAN UP (BR #17)
- Pin 1: TOILET FAN ON/OFF (BR #17)

CON J100 - SENSOR INPUTS

- Pin 5: SENSOR COMMON GND
- Pin 4: 0-90 OHM LP GAS SNSR
- Pin 3: BLACK WTR SNSR
- Pin 2: GREY WTR SNSR
- Pin 1: FRESH WTR SNSR

CON J1 - SWITCHED OUTPUTS

- Pin 1: BED RM LTS (BR #3)
- Pin 2: MAIN CEILING LTS (BR #3)
- Pin 3: TASK LTS (BR #4)
- Pin 4: HALL LTS (BR #4)
- Pin 5: ENTRY LT (BR #5)
- Pin 6: TOILET RM LT (BR #5)
- Pin 7: REAR BATH LT (BR #6)
- Pin 8: FLOOR LT (BR #6)

CON J5 - POWER INPUTS

- Pin 1: HWH PUMP 12V+ IN (FROM CDC PANEL)
- Pin 2: FUSED 12V+ INPUT (FROM BATTERY)
- Pin 3: AWNING 12V+ IN (FROM CDC PANEL)
- Pin 4: DINETTE O/H LT
- Pin 5: SCONCE LT

CON J7 - FAN OUTPUTS

- Pin 1: BATH FAN ON/OFF (BR #16)
- Pin 2: BATH FAN UP (BR #16)
- Pin 3: BATH FAN DN (BR #16)

CON J9 - BREAKER OUTPUTS

- Pin 1: (TOILET (BR #13))
- Pin 2: (SPARE) (BR #14)
- Pin 3: (SPARE) (BR #15)
- Pin 4: TV ACCENT LT

CON J10 - BREAKER OUTPUTS

- Pin 1: FRONT FURNACE (BR #19)
- Pin 2: SWITCHER (BR #20)
- Pin 3: LP (BR #21)
- Pin 4: CLST LT/IR (BR #22)
- Pin 5: A/C POWER (BR #23)
- Pin 6: EXT ENT (BR #24)

DOOR PIN SWITCH INPUT

