

Part of Cargotec Corporation



# *READING RTG WIRING DIAGRAM*

# ***SINGLE LINE DIAGRAM***

The single line diagram is used to understand the basic construction of the system. It displays the main electrical components and how they connect together. It also display different ratings of devices (fuse size, motor rating, etc.)

# THE CIRCUIT DIAGRAM

SHEET		TITLE		SHEET		TITLE		SHEET		TITLE	
1A	AC POWER DISTRIBUTION	7F	TROLLEY INPUTS								
1AA	AC POWER DISTRIBUTION	7G	TROLLEY INPUTS								
1B	AC POWER DISTRIBUTION	7H	TROLLEY INPUTS								
1C	AC POWER DISTRIBUTION	7J	TROLLEY INPUTS								
1D	AC POWER DISTRIBUTION	7K1	BREADER INPUTS/OUTPUTS								
1E	AC POWER DISTRIBUTION	7K2	BREADER INPUTS/OUTPUTS								
1F	AC POWER DISTRIBUTION	7M	TROLLEY OUTPUTS								
1G	AC POWER DISTRIBUTION	7N	TROLLEY OUTPUTS								
1H	AC POWER DISTRIBUTION	8A	CABIN								
1J	AC POWER DISTRIBUTION	8B	CABIN								
1L	AC POWER DISTRIBUTION	8C	CABIN								
1L1	AC POWER DISTRIBUTION	8D	CABIN								
1N	AC POWER DISTRIBUTION	8E	CABIN								
1B	AC POWER DISTRIBUTION	8F	CABIN								
1S	AC POWER DISTRIBUTION	8K	CABIN								
1T	24VDC POWER DISTRIBUTION	8L	CABIN								
1U	24VDC POWER DISTRIBUTION	8A	TELEPHONE SYSTEM								
1U2	24VDC POWER DISTRIBUTION	9H	STABILIZER								
1V	24VDC POWER DISTRIBUTION	10A	CABLE LIST								
2A	HOST DRIVE	10B	CABLE LIST								
3A	GANTRY DRIVE	10C	CABLE LIST								
3B	GANTRY DRIVE	10D	CABLE LIST								
4A	TROLLEY DRIVE	10E	CABLE LIST								
5A	EM STOP CIRCUIT	10K	CONNECTORS								
5B	BRAKES CONTROL CIRCUIT	10L	CONNECTORS								
6A	EE-HOUSE PLC	10M	CONNECTORS								
6A1	EE-HOUSE PLC MONITOR-PRINTER	10N	SPARE CONNECTIONS								
6A2	EE-HOUSE PLC POWER SUPPLY	11A	DEVICE LIST								
6B1	POWER UNIT	11B	DEVICE LIST								
6B2	POWER UNIT	11C	DEVICE LIST								
6B3	POWER UNIT	11D	DEVICE LIST								
6B4	POWER UNIT	11E	DEVICE LIST								
6B5	POWER UNIT	11F	DEVICE LIST								
6C1	POWER UNIT	11G	DEVICE LIST								
6D	EE-HOUSE INPUTS	11H	DEVICE LIST								
6E	EE-HOUSE INPUTS	11I	DEVICE LIST								
6F	EE-HOUSE INPUTS										
6G	EE-HOUSE INPUTS										
6H	EE-HOUSE INPUTS										
6H1	EE-HOUSE INPUTS STEERING										
6I	EE-HOUSE INPUTS STEERING										
6K	EE-HOUSE INPUTS ANTICOLLISION										
6N	EE-HOUSE INPUTS										
6P	EE-HOUSE OUTPUTS CONTACTORS										
6B	EE-HOUSE OUTPUTS CONTACTORS										
6G	EE-HOUSE OUTPUTS CONTACTORS										
6T	EE-HOUSE OUTPUTS										
7A	TROLLEY PLC										

  

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# ***THE CIRCUIT DIAGRAM***

The circuit displays all circuits in detail. It shows all the electrical components and circuit that are used on the RTG.

The diagram includes the index pages, circuit diagram, cable list, connector list and device list.

# THE INDEX PAGE

SHEET	TITLE	SHEET	TITLE	SHEET	TITLE
/IA	AC POWER DISTRIBUTION	/IF	TROLLEY INPUTS		
/IAH	AC POWER DISTRIBUTION	/IS	TROLLEY INPUTS		
/IB	AC POWER DISTRIBUTION	/IH	TROLLEY INPUTS		
/IC	AC POWER DISTRIBUTION	/IJ	TROLLEY INPUTS		
/ID	AC POWER DISTRIBUTION	/IK	BREADER INPUTS/OUTPUTS		
/IE	AC POWER DISTRIBUTION	/IL	BREADER INPUTS/OUTPUTS		
/IF	AC POWER DISTRIBUTION	/IM	TROLLEY OUTPUTS		
/IG	AC POWER DISTRIBUTION	/IN	TROLLEY OUTPUTS		
/IH	AC POWER DISTRIBUTION	/IO	CABIN		
/II	AC POWER DISTRIBUTION	/IP	CABIN		
/IL1	AC POWER DISTRIBUTION	/IQ	CABIN		
/IN	AC POWER DISTRIBUTION	/IR	CABIN		
/IR	AC POWER DISTRIBUTION	/IS	CABIN		
/IS	AC POWER DISTRIBUTION	/IT	CABIN		
/IT	34VDC POWER DISTRIBUTION	/IU	CABIN		
/IU	34VDC POWER DISTRIBUTION	/IU2	TELEPHONE SYSTEM		
/IU2	34VDC POWER DISTRIBUTION	/IV	STABILISER		
/IV	34VDC POWER DISTRIBUTION				

The index page is the first page of the circuit diagram, it displays all the pages in the diagram. It shown the page ID and the title.

