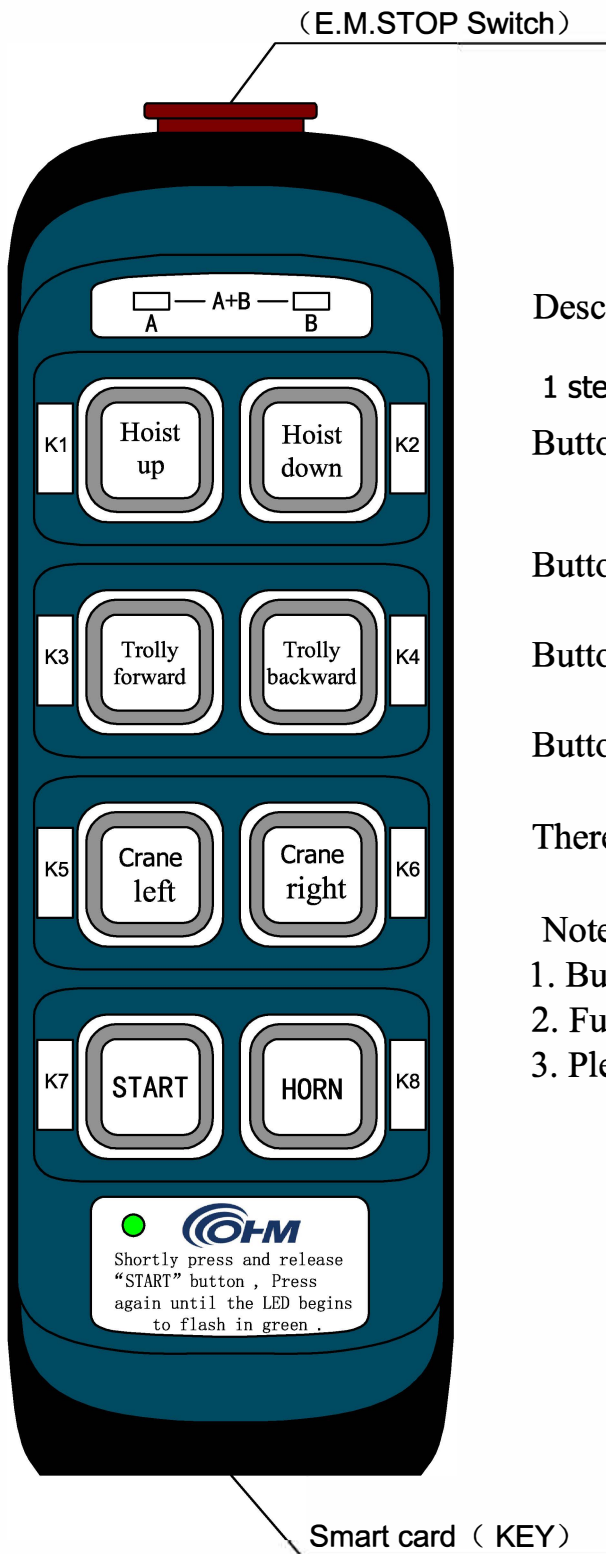


TCS-B08 Transmitter Panel Diagram



Description of functions of TCS-B08 Transmitter:

1 step control for 3 drives:

Buttons in Line 1: 2 buttons for controlling
hoist operation

Buttons in Line 2: 2 buttons for controlling
trolley forward or backward

Buttons in Line 3: 2 buttons for controlling crane
moving the left or right

Buttons in Line 4: 2 buttons for controlling starting
operation and horn

There are 8 control commands in total.

Notes:

- Buttons may be assigned according to users' demand.
- Function interlock K1/K2, K3/K4 and K5/K6.
- Please refer to the receiver output diagram.

Project:

SN:

Designed by:

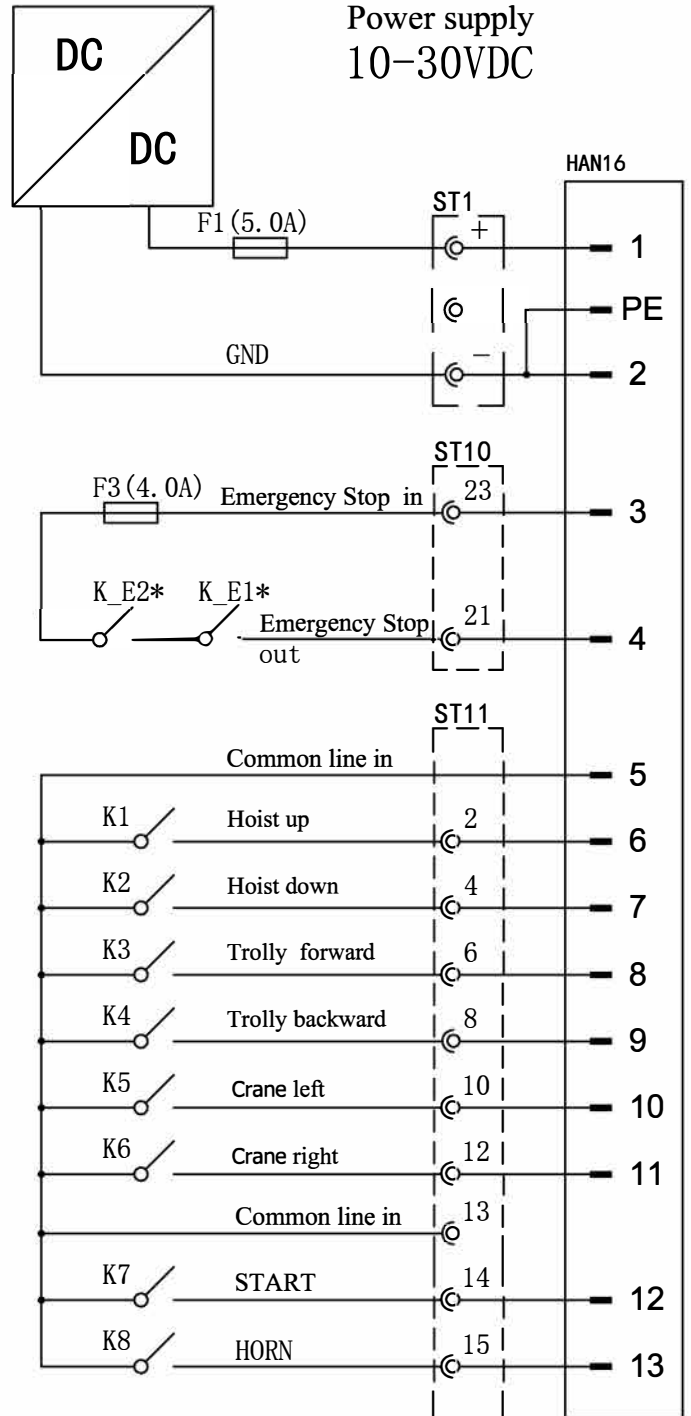
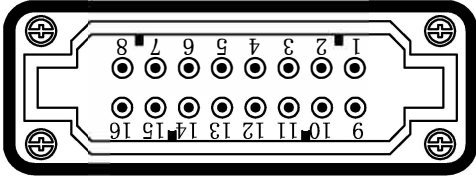
Checked by:

Date:

TCS-B08 Receiver Output Diagram

1. The Radio controller shall be equipped by professional person after carefully reading its instructions and clarifying the specifications.
 2. The relays (K-E1, K-E2) is closed, when wireless communication is ready;
 3. Contact capacity of relays : 250VAC/4A;
 4. Mark * indicates closure during work;
 5. Power supply: 10-30VDC
 6. The receiver should be properly grounded when used;
 7. The output connection can be specified by the user;
 8. The receiver is equipped with a 3 meter cable and connected to the HAN connector;
- (note: no special requirement, the cable number is consistent with the socket of the socket).

Industrial Connectors HAN16



VER: MRR12V001

	K1/K2	K3/K4	K5/K6	K7--K9	K10--K12	LB4 ■■
12V				LB13 ■■	LB16 ■■	Short circuit after entry procedure
Si1	LB6 ■■	LB8 ■■	LB10 ■■	LB14 ■■	LB17 ■■	Bus resistance
Si2	LB7 ■■	LB9 ■■	LB11 ■■	LB15 ■■	LB18 ■■	LB12 ■■

Project:

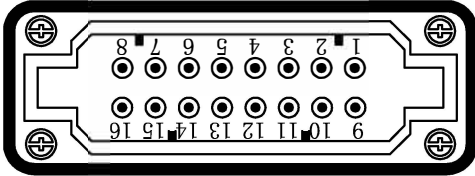


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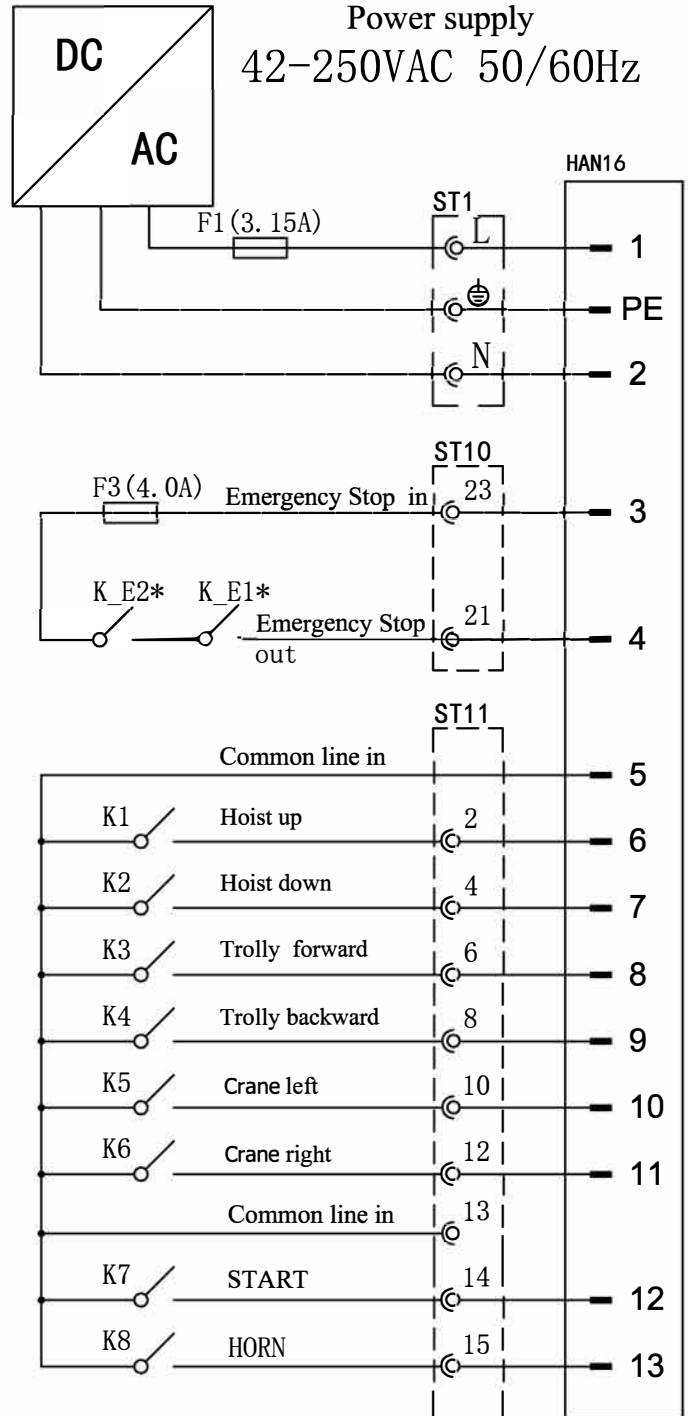
TCS-B08 Receiver Output Diagram

1. The Radio controller shall be equipped by professional person after carefully reading its instructions and clarifying the specifications.
 2. The relays (K-E1, K-E2) is closed, when wireless communication is ready;
 3. Contact capacity of relays : 250VAC/4A;
 4. Mark * indicates closure during work;
 5. Power supply: 42-250VAC 50/60Hz ;
 6. The receiver should be properly grounded when used;
 7. The output connection can be specified by the user;
 8. The receiver is equipped with a 3 meter cable and connected to the HAN connector;
- (note: no special requirement, the cable number is consistent with the socket of the socket).

Industrial Connectors HAN16



VER: MRR12V001						
	K1/K2	K3/K4	K5/K6	K7--K9	K10--K12	LB4 ■■ Short circuit after entry procedure
12V				LB13 ■■	LB16 ■■	Bus resistance
Si1	LB6 ■■	LB8 ■■	LB10 ■■	LB14 ■■	LB17 ■■	
Si2	LB7 ■■	LB9 ■■	LB11 ■■	LB15 ■■	LB18 ■■	LB12 ■■



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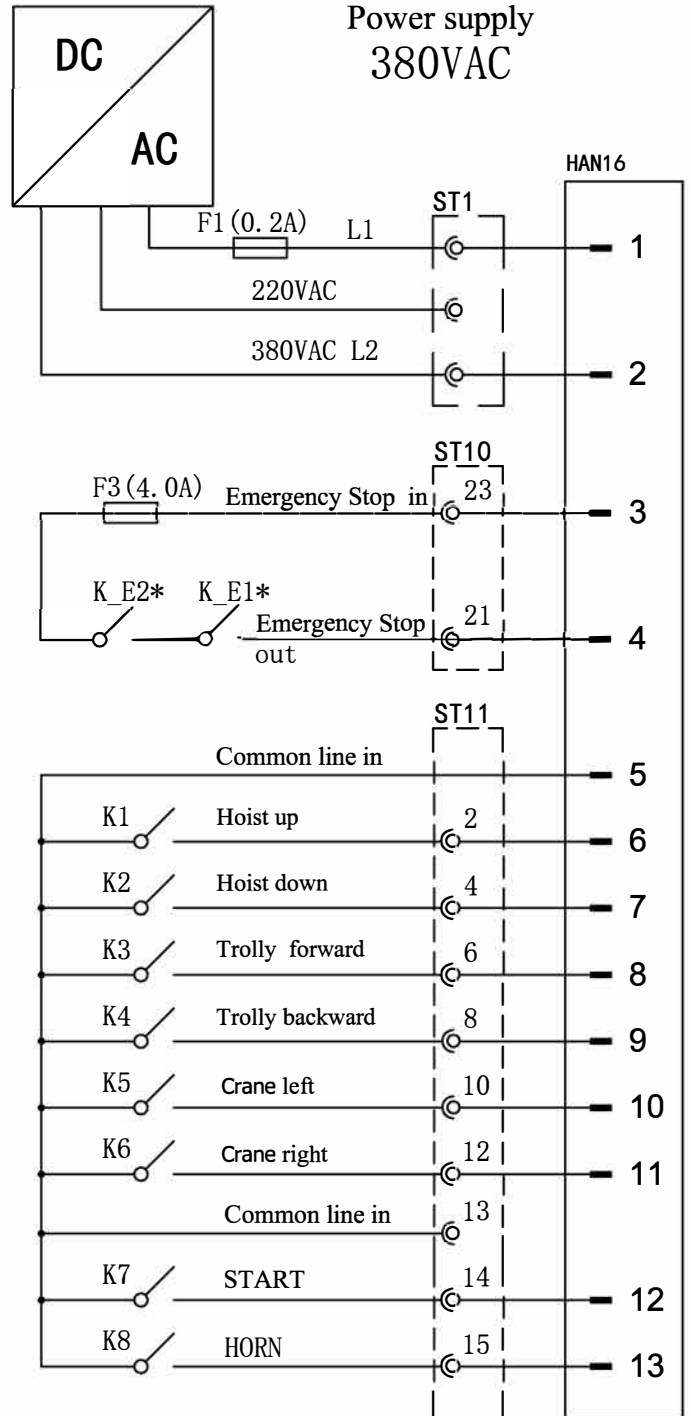
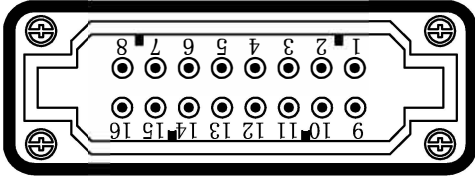


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TCS-B08 Receiver Output Diagram

1. The Radio controller shall be equipped by professional person after carefully reading its instructions and clarifying the specifications.
 2. The relays (K-E1, K-E2) is closed, when wireless communication is ready;
 3. Contact capacity of relays : 250VAC/4A;
 4. Mark * indicates closure during work;
 5. Power supply: 380VAC ;
 6. The receiver should be properly grounded when used;
 7. The output connection can be specified by the user;
 8. The receiver is equipped with a 3 meter cable and connected to the HAN connector;
- (note: no special requirement, the cable number is consistent with the socket of the socket).

Industrial Connectors HAN16



VER: MRR12V001

	K1/K2	K3/K4	K5/K6	K7--K9	K10--K12	LB4 ■■
12V				LB13 ■■	LB16 ■■	Short circuit after entry procedure
Si1	LB6 ■■	LB8 ■■	LB10 ■■	LB14 ■■	LB17 ■■	Bus resistance
Si2	LB7 ■■	LB9 ■■	LB11 ■■	LB15 ■■	LB18 ■■	

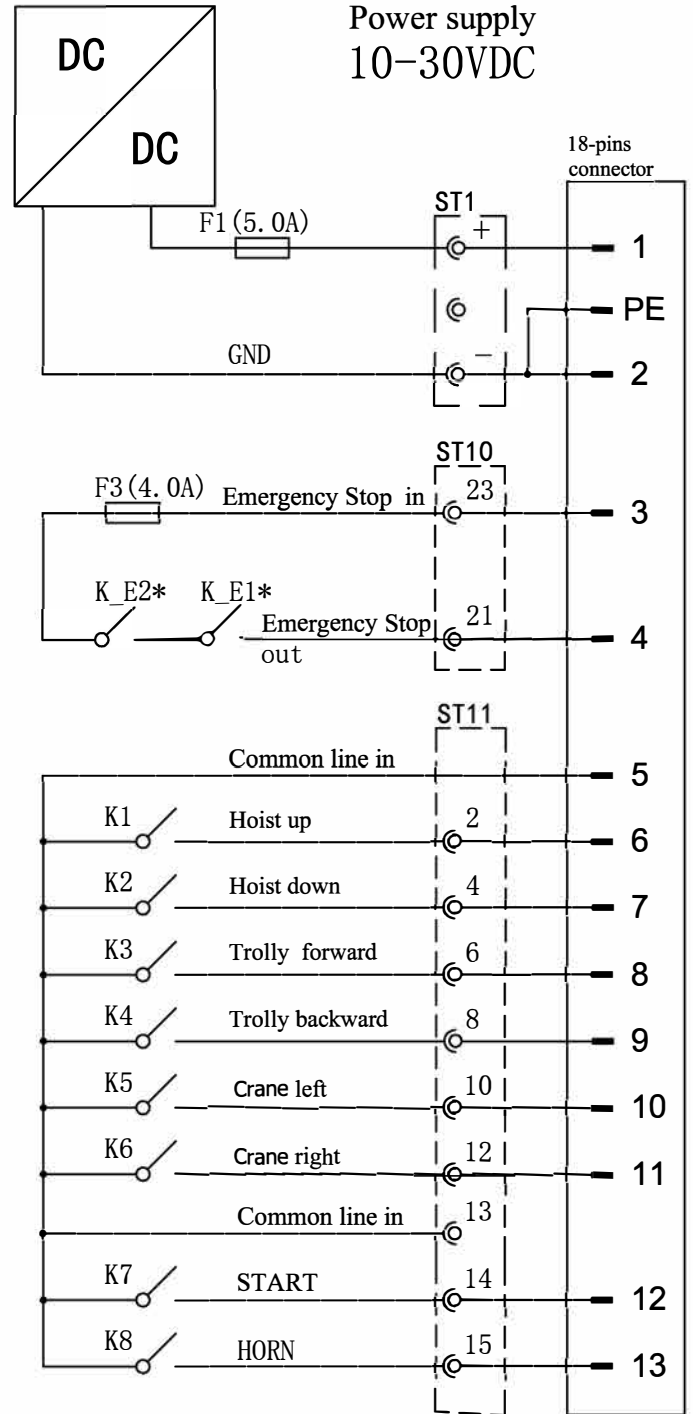
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TCS-B08 Receiver Output Diagram

1. The Radio controller shall be equipped by professional person after carefully reading its instructions and clarifying the specifications.
2. The relays (K-E1,K-E2) is closed, when wireless communication is ready;
3. Contact capacity of relays : 250VAC/4A;
4. Mark * indicates closure during work;
5. Power supply:10-30VDC
6. The receiver should be properly grounded when used;
7. The output connection can be specified by the user;
8. The cable length is 3 meters.



VER: MRR12V001						
	K1/K2	K3/K4	K5/K6	K7--K9	K10--K12	LB4 ■■ Short circuit after entry procedure
12V				LB13 ■■	LB16 ■■	Bus resistance
Si1	LB6 ■■	LB8 ■■	LB10 ■■	LB14 ■■	LB17 ■■	
Si2	LB7 ■■	LB9 ■■	LB11 ■■	LB15 ■■	LB18 ■■	

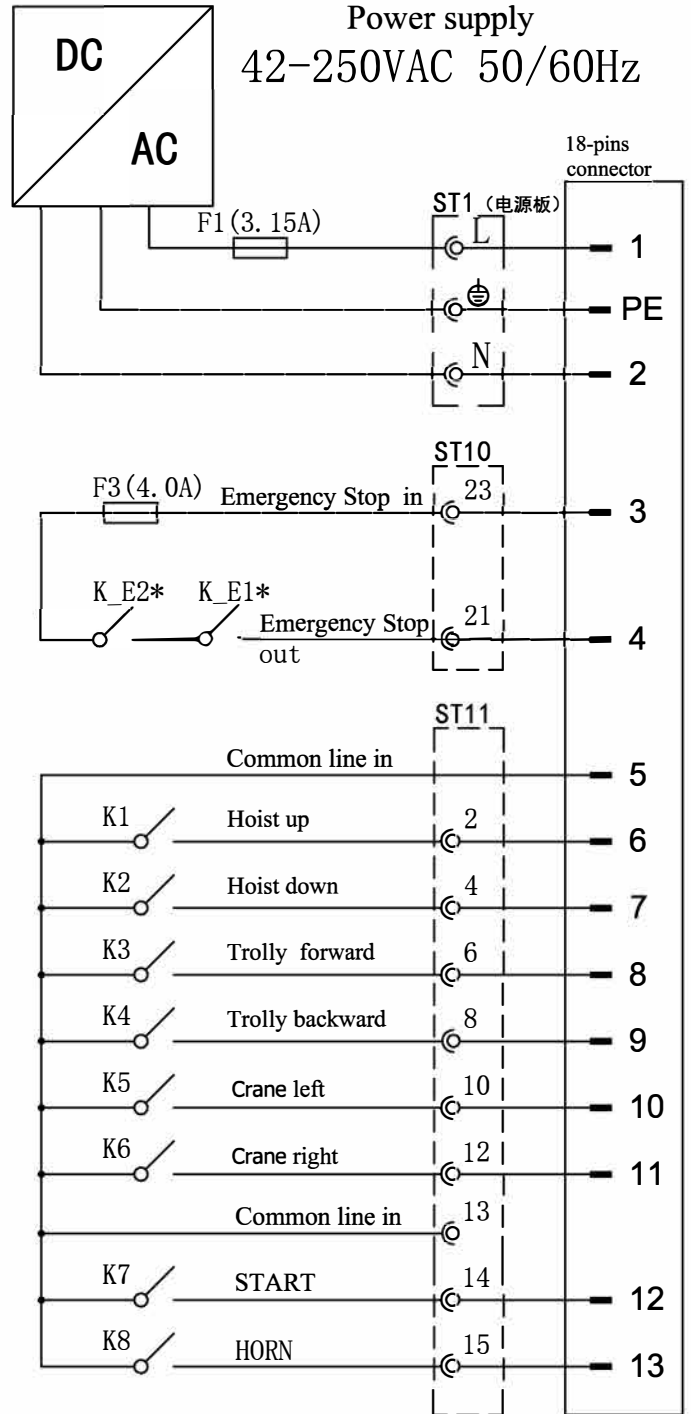
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TCS-B08 Receiver Output Diagram

1. The Radio controller shall be equipped by professional person after carefully reading its instructions and clarifying the specifications.
2. The relays (K-E1,K-E2) is closed , when wireless communication is ready;
3. Contact capacity of relays : 250VAC/4A;
4. Mark * indicates closure during work;
5. Power supply:42-250VAC 50/60Hz;
6. The receiver should be properly grounded when used;
7. The output connection can be specified by the user;
8. The cable length is 3 meters.



VER: MRR12V001						
	K1/K2	K3/K4	K5/K6	K7--K9	K10--K12	LB4 ■■ Short circuit after entry procedure
12V				LB13 ■■	LB16 ■■	Bus resistance
Si1	LB6 ■■	LB8 ■■	LB10 ■■	LB14 ■■	LB17 ■■	
Si2	LB7 ■■	LB9 ■■	LB11 ■■	LB15 ■■	LB18 ■■	

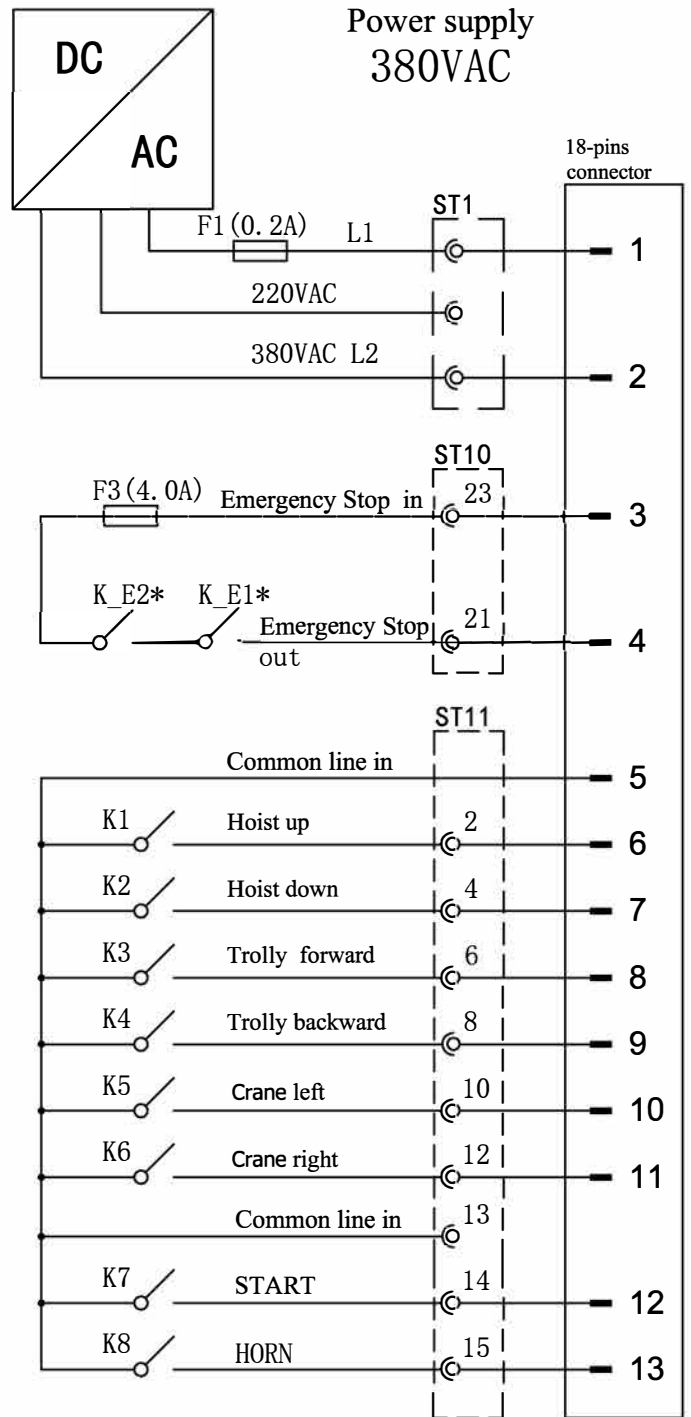
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TCS-B08 Receiver Output Diagram

1. The Radio controller shall be equipped by professional person after carefully reading its instructions and clarifying the specifications.
2. The relays (K-E1, K-E2) is closed, when wireless communication is ready;
3. Contact capacity of relays : 250VAC/4A;
4. Mark * indicates closure during work;
5. Power supply: 380VAC;
6. The receiver should be properly grounded when used;
7. The output connection can be specified by the user;
8. The cable length is 3 meters.



VER: MRR12V001						
	K1/K2	K3/K4	K5/K6	K7--K9	K10--K12	LB4 ■■ Short circuit after entry procedure
12V				LB13 ■■	LB16 ■■	Bus resistance
Si1	LB6 ■■	LB8 ■■	LB10 ■■	LB14 ■■	LB17 ■■	
Si2	LB7 ■■	LB9 ■■	LB11 ■■	LB15 ■■	LB18 ■■	

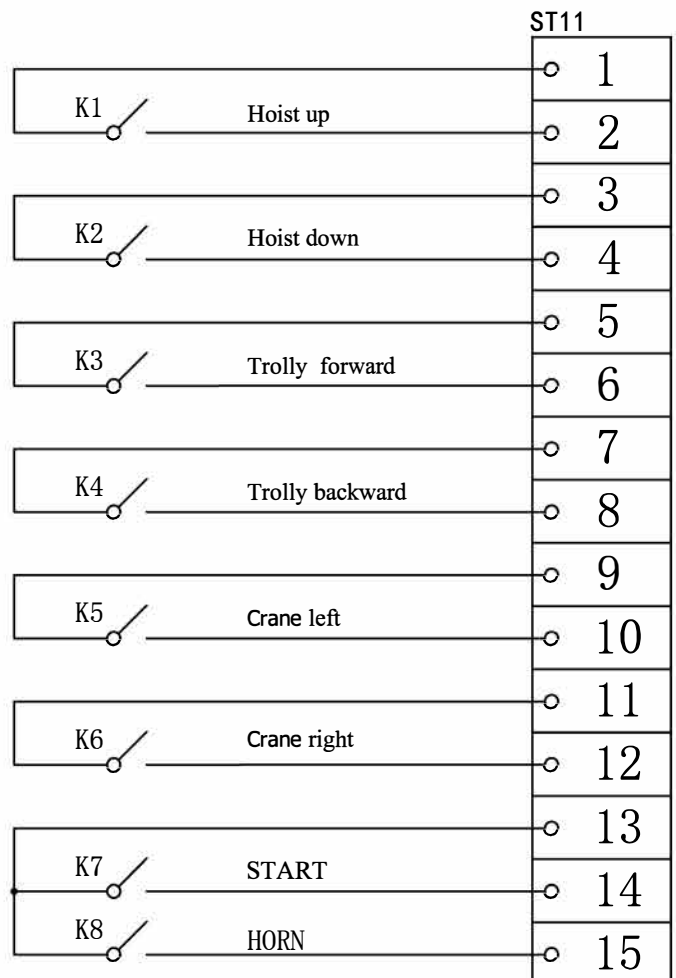
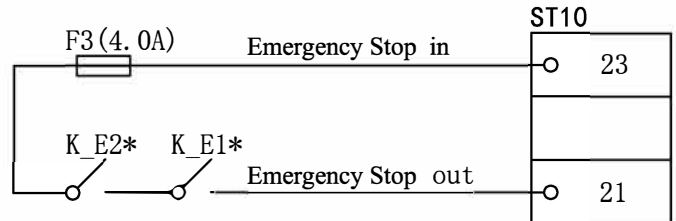
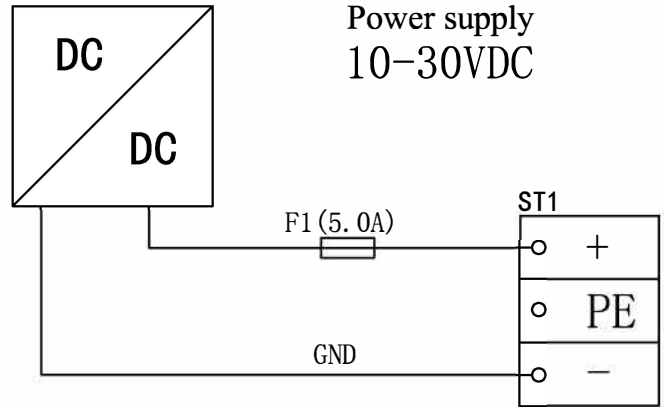
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TCS-B08 Receiver Output Diagram

1. The Radio controller shall be equipped by professional person after carefully reading its instructions and clarifying the specifications.
2. The relays (K-E1,K-E2) is closed , when wireless communication is ready;
3. Contact capacity of relays : 250VAC/4A;
4. Mark * indicates closure during work;
5. Power supply:10-30VDC
6. The receiver should be properly grounded when used;
7. The output connection can be specified by the user;



VER: MRR12V001						
	K1/K2	K3/K4	K5/K6	K7--K9	K10--K12	LB4 ■■
12V				LB13 ■■	LB16 ■■	Short circuit after entry procedure
Si1	LB6 ■■	LB8 ■■	LB10 ■■	LB14 ■■	LB17 ■■	Bus resistance
Si2	LB7 ■■	LB9 ■■	LB11 ■■	LB15 ■■	LB18 ■■	LB12 ■■

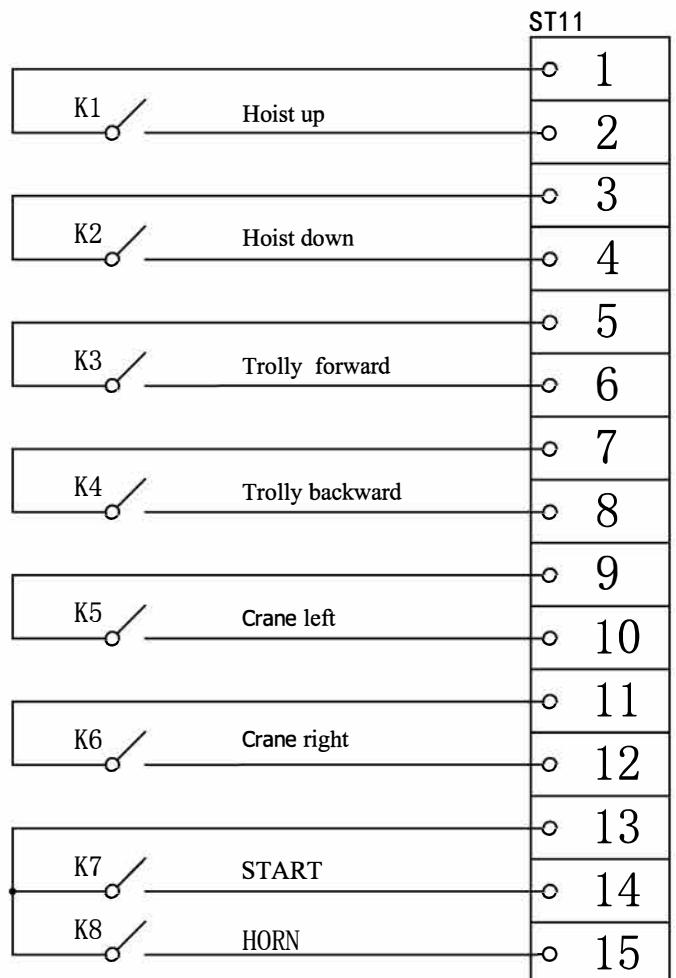
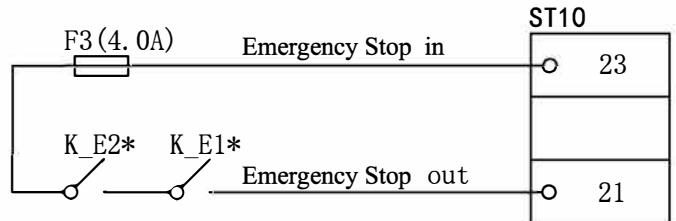
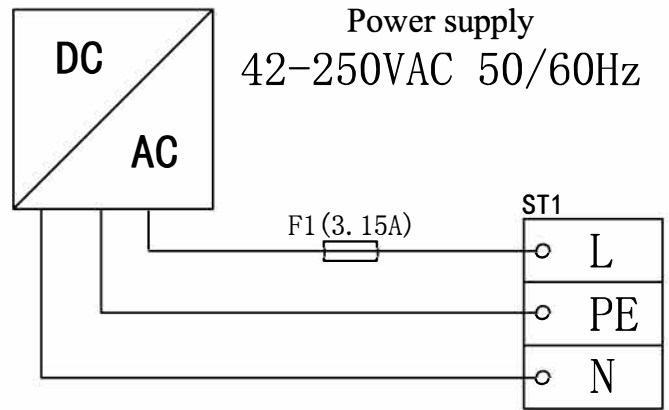
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4. Mark * indicates closure during work;
5. Power supply: 42-250VAC 50/60Hz;
6. The receiver should be properly grounded when used;
7. The output connection can be specified by the user;



VER: MRR12V001

	K1/K2	K3/K4	K5/K6	K7--K9	K10--K12	LB4 ■■	Short circuit after entry procedure
12V				LB13 ■■	LB16 ■■		
Si1	LB6 ■■	LB8 ■■	LB10 ■■	LB14 ■■	LB17 ■■		Bus resistance
Si2	LB7 ■■	LB9 ■■	LB11 ■■	LB15 ■■	LB18 ■■	LB12 ■■	

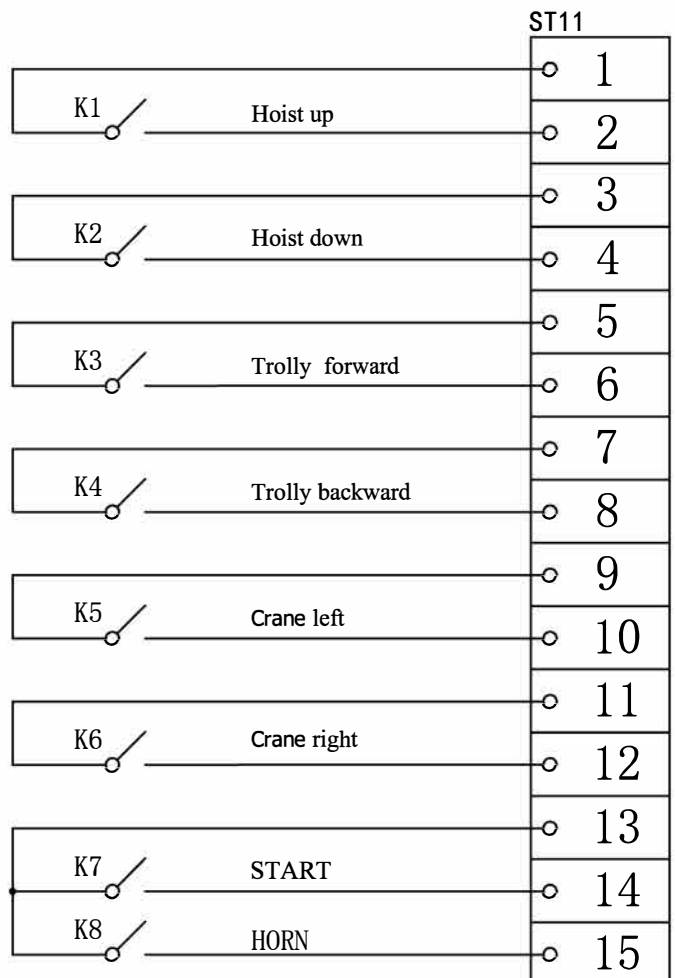
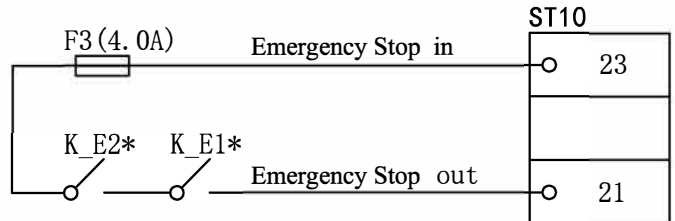
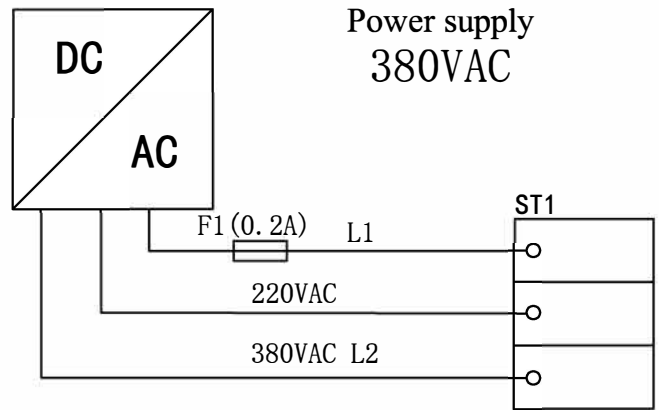
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4. Mark * indicates closure during work;
5. Power supply:380VAC;
6. The receiver should be properly grounded when used;
7. The output connection can be specified by the user;



VER: MRR12V001						
	K1/K2	K3/K4	K5/K6	K7--K9	K10--K12	LB4 ■■ Short circuit after entry procedure
12V				LB13 ■■	LB16 ■■	
Si1	LB6 ■■	LB8 ■■	LB10 ■■	LB14 ■■	LB17 ■■	Bus resistance
Si2	LB7 ■■	LB9 ■■	LB11 ■■	LB15 ■■	LB18 ■■	LB12 ■■

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