



Wiring Connection Guide



ELECTROCUTION HAZARD

These diagrams are for informational purposes only. All electrical installation or maintenance should be only completed by a licensed electrician. AMS is not responsible for injury due to improper installation. Damage caused as a result of incorrect wiring is not covered under warranty. Turn power OFF when working on any electrical components. Make sure a GFCI is used in the circuit.

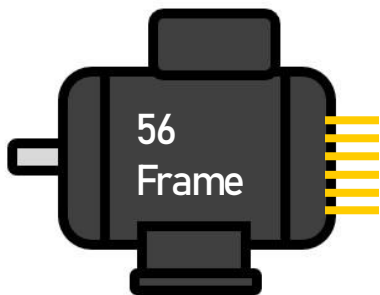
NOTE: THE FOLLOWING DIAGRAMS ARE BASED OFF OF HOW AMS MAKES CONNECTIONS AT THE FACTORY USING A STANDARD 5 CONDUCTOR CABLE CONNECTING THE MOTOR TO THE CONTROL THAT CONTAINS WHITE, BLACK, RED, ORANGE & GREEN WIRES. IF YOU ARE USING DIFFERENT CABLE OR A MOTOR/CONTROL THAT IS NOT PROVIDED BY AMS, DO NOT USE THESE DIAGRAMS AND DO NOT CONTACT US FOR HELP IN THESE INSTANCES

In order to find the correct diagram for your installation, you must be able to identify:

- The Motor Type – See below
- Your power supply voltage – 115 or 230V
- The Control Type – AMS reversing switch or GEM/TEC Remote Controls

MOTOR IDENTIFICATION

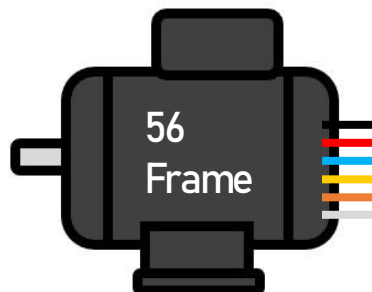
AMS carries multiple motor types, please identify your motor type below and see the corresponding pages for the correct diagram.



YELLOW T-WIRES

This motor type contains 6 yellow connection leads labeled:

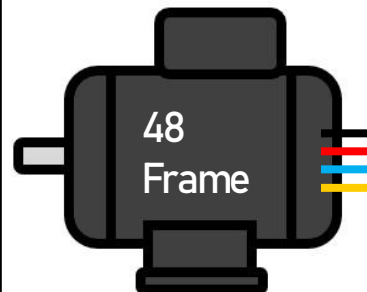
T1, T2, T3, T4, T5, T8



COLOR CODED - 56

This motor type contains 6 colored connection leads:

Blue, Orange, Red, Black, White, Yellow



COLOR CODED - 48

This motor type contains 4 colored connection leads:

Blue, Red, Black, Yellow

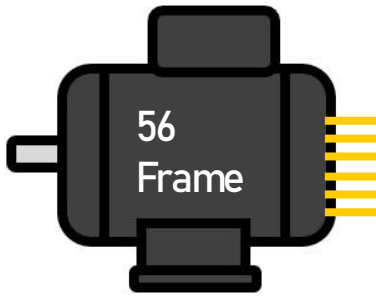
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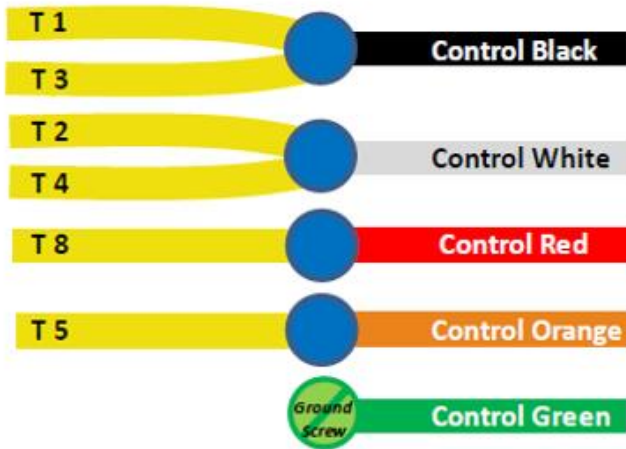


YELLOW T-WIRES / Electric Motor

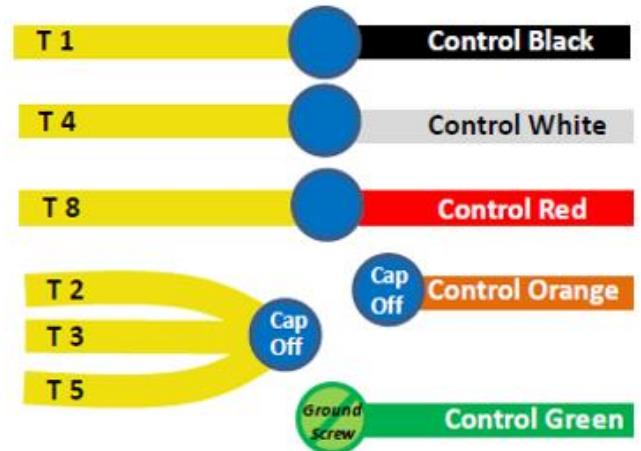
This motor type contains 6 yellow connection leads labeled: T1, T2, T3, T4, T5, T8

FOR MOTORS CONNECTED TO THE AMS REVERSING SWITCH

115V Connections

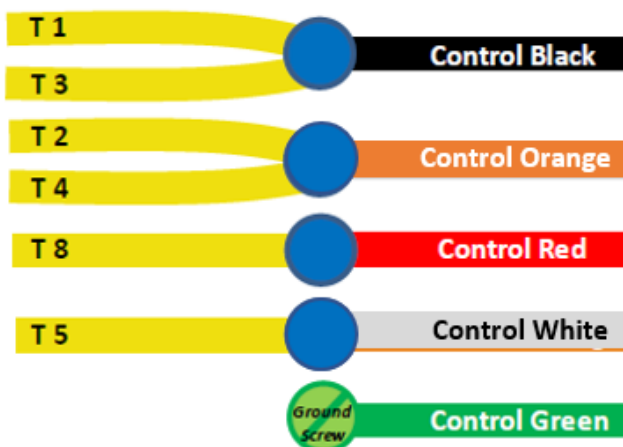


230V Connections

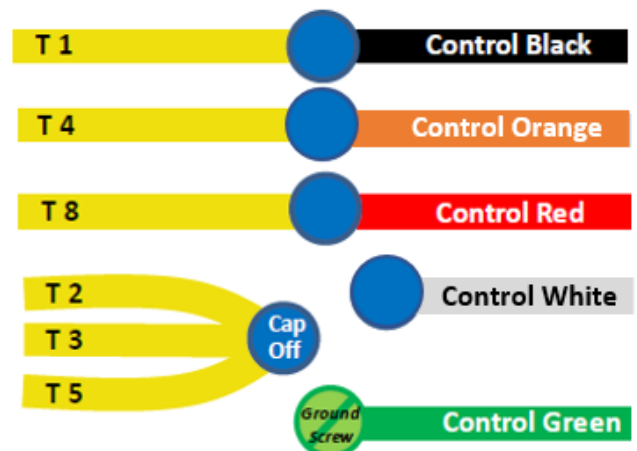


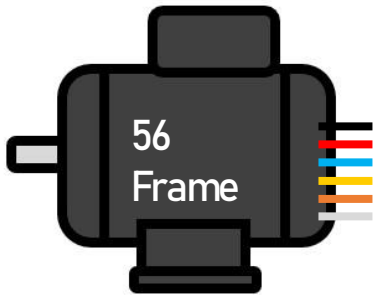
FOR MOTORS CONNECTED TO A REMOTE CONTROL (GEM/TEC)

115V Connections



230V Connections





COLOR CODED - 56 / Electric Motor

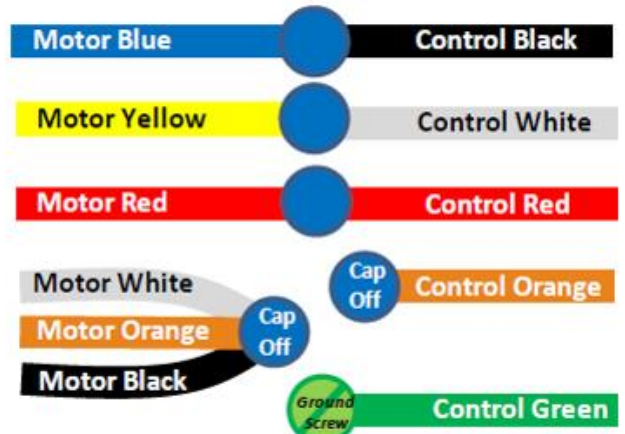
This motor type contains 6 colored connection leads:
Blue, Orange, Red, Black, White, Yellow

FOR MOTORS CONNECTED TO THE AMS REVERSING SWITCH

115V Connections



230V Connections

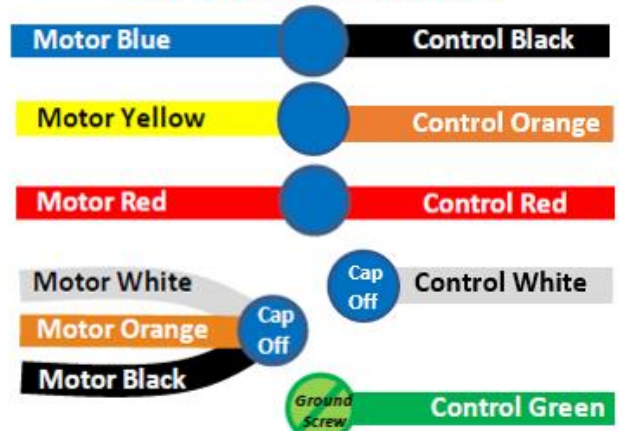


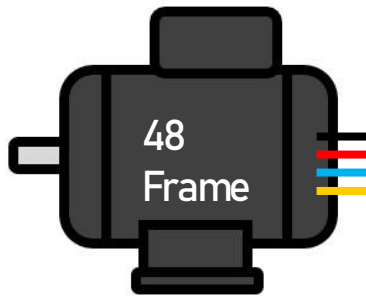
FOR MOTORS CONNECTED TO A REMOTE CONTROL (GEM/TEC)

115V Connections



230V Connections



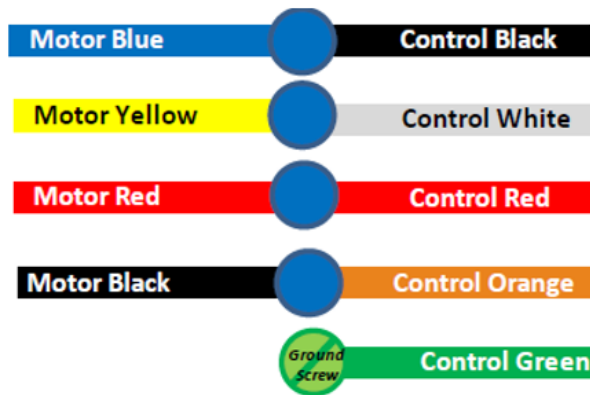


COLOR CODED – 48 / Electric Motor

This motor type contains 4 colored connection leads:
Blue, Red, Black, Yellow

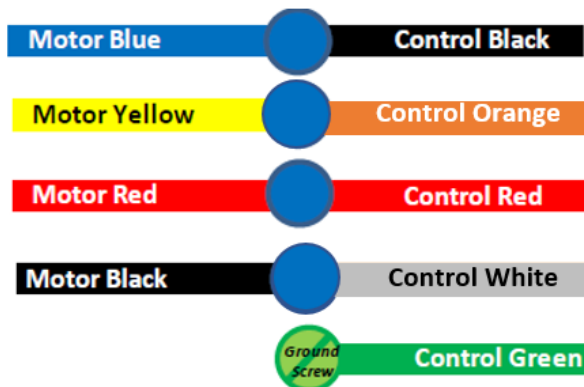
FOR MOTORS CONNECTED TO THE AMS REVERSING SWITCH

115V Connections



FOR MOTORS CONNECTED TO A REMOTE CONTROL (GEM/TEC)

115V Connections



AMS REVERSING SWITCH

This is the standard control used by AMS. It is wired the same way for both 115V and 230V* applications. All motor diagrams shown hereafter are based on your control being wired based on this diagram.

- DO NOT MOVE/REMOVE THE JUMPERS FROM THE SWITCH CONTACTS
- *WHITE WIRE NOT NECESSARY FOR 230V CONNECTIONS AS IT IS CAPPED OFF IN THE MOTOR

