J&D Manufacturing

JDR2-5

Breaker Information

Unit comes with standard 7.5 amp breakers installed.
Larger 10 amp breakers are taped to the inside cover.

Breaker recommendations:
J&D's PCSR120W (120 Watt) DC motor - 7.5 amp breaker
J&D's PCSR250W (250 Watt) DC motor - 10 amp breaker

Note: Curtain breakers can be rated just larger than required

Wiring Requirements

The following are the maximum recommended wire lengths based on wire gauge for the J&D DC curtain drives. For all other drives refer to the motor manual for recommendations.

J&D's PCRS120W (120 Watt)

Wire Gauge	Max Length
12 AWG	160′
10* AWG	250′
8* AWG	400′

J&D's PCRS250W (250 Watt)

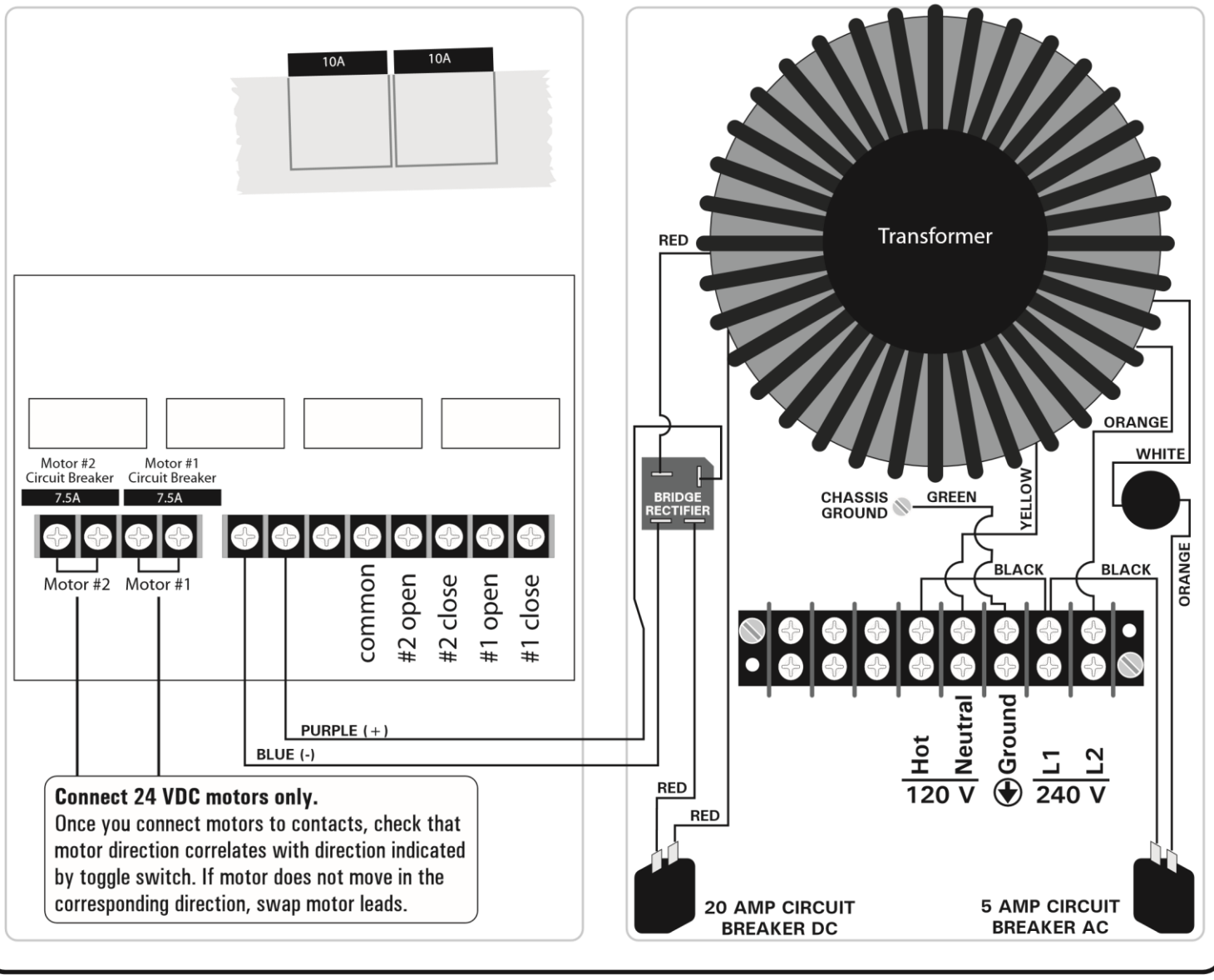
Wire Gauge	Max Length
12 AWG	100′
10* AWG	160′
8* AWG	250′

* Wire heavier than 12 AWG will require a spade lug terminal to connect the wire to the relay

WARRANTY

J&D Mfg. warrants all products are free from defects in materials and workmanship under normal use for the period of one year from date of purchase and our warranty does not cover normal or regular wear and tear. J&D Mfg can repair or replace at our option, any product or part of the product that is found to be defective. Our warranty applies to materials only and does not include return freight, delivery, loss or damage to personal property, cost of removal or installation, any incidental or consequential damages or labor. This warranty does not apply to products which are misused, abused, altered, improperly installed or subject to negligence. All warranties must be approved through our warranty department. The original purchaser must present a copy of the invoice for the defective product. One year is our standard warranty unless specified on our literature or in the installation instructions/user manuals.

ALL ELECTRICAL WORK SHOULD BE COMPLETED BY QUALIFIED PERSONNEL AND MEET NATIONAL, REGIONAL AND LOCAL CODES.



SHOCK HAZARD: ALWAYS REMOVE POWER BEFORE OPENING BOX

Trouble Shooting

A MOTOR DOES NOT RUN

- Check if an individual motor circuit breaker is tripped. If the tab is protruding, it is tripped, push in to reset.
- Check if a circuit breaker on bottom of the box is tripped. If button is protruding, it is tripped, push in to reset.
- Check wire and wire connections.

WHY DOES A CIRCUIT BREAKER KEEP TRIPPING?

Individual motor breaker keeps tripping

- Motor load is to high
- 2 motors are connected to the same circuit
- Circuit breaker sized too small for your motor

Bottom of the box circuit breaker that keeps tripping

- Too many motors where activated at the same time, exceeding total output of transformer.
- If the left breaker trips as fast as you can reset it, the bridge rectifier may have failed. Contact J&D for a replacement bridge rectifier.

WIRING DIAGRAM ILLUSTRATING HOW TO CONNECT THE JDR2-5 TO A JD26, JD26+, JD412M OR OTHER CONTROL