

IntelliFlex™ Isolating Relay by Draper

Wiring Instructions

Part Number C157.012

Please Note

- ① Make sure power is disconnected before installing controls.
- ② This product is designed to be a job site rescue device by allowing multiple motors to be connected to one motor control or switch and provides group control of these motors. Each motor must have its own ISO Relay. Make sure the total FLA of all motors grouped together does not exceed the load carrying capacity of the switch or motor control being used.
- ③ When installing an ISO into an enclosure, maintain a minimum of .2" (5mm) spacing in all directions using the supplied spacers. An insulator plate should also be used. Shorts will result in damage to the component.
- ④ All metal traces may have AC power on them and must be insulated from the user and from electrical ground. Installer should use an INS-ISO (Draper Part# C199.004) if being installed in a junction box.
- ⑤ Large black part may have a small voltage on it immediately after unit is active.
- ⑥ To achieve Pollution Degree 2 environment, mount in an enclosure with tight fitting seams or one that is gasketed.
- ⑦ The Main Disconnect and Branch Circuit Protection shall be provided by installer. Protection for shade motor must be provided at the switch or breaker panel.
- ⑧ Maximum surrounding air temperature 70 degrees Celsius.
- ⑨ Use copper conductors rated 75 degrees Celsius or higher only, 18-12AWG.

Please Note: This device has not been evaluated for reliability to the Standard for Tests for Safety-Related Controls Employing Solid-State Devices, UL 991 and therefore not considered suitable for entrapment protection.

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(For a wiring diagram of more than one Isolating Relay Daisy chained together, see back page)

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Form ISO_WD06

Printed in U.S.A.

Electrical Specifications

Input:

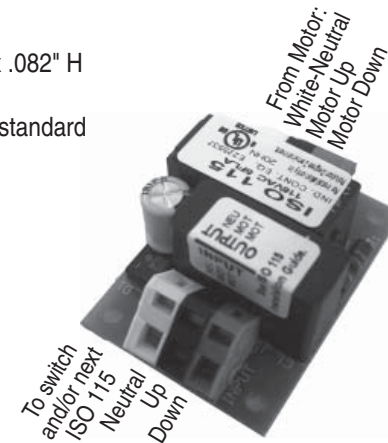
Line Voltage: 115v AC +/- 10%

Output:

115V AC 5 FLA 1/6 HP

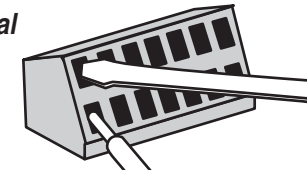
Dims: 2.07" L x 1.41" W x .082" H
(52.6 x 35.8 x 20.8 mm)

1 Isolating Relay fits in a standard single gang J-Box.



Inserting wire into spring terminal

- ① Open spring terminal by inserting screwdriver into upper opening.
- ② Insert wire into lower opening.
- ③ Remove screwdriver.



If you encounter any difficulties installing/wiring your IntelliFlex control, call your dealer or Draper, Inc., Spiceland, Ind., (765) 987-7999; fax (765) 987-7142; or e-mail draper@draperinc.com.

Daisy Chain Wiring Instructions

