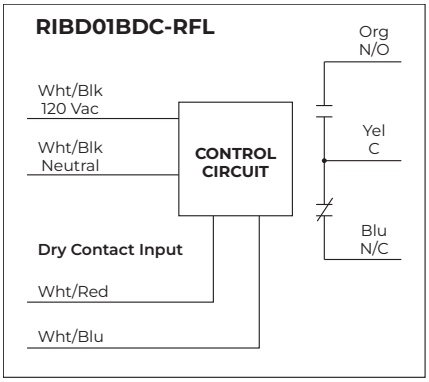
Functional Devices, Inc.
101 Commerce Drive
Sharpsville, IN 46068
Confidence & Peace of Mind in Every Box™

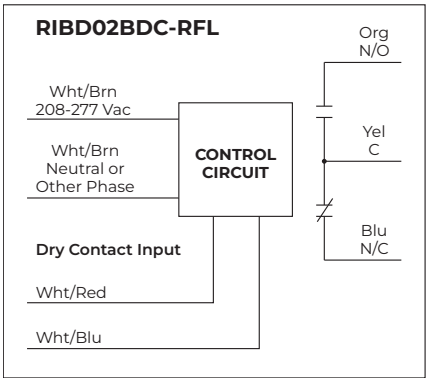
Office: (765) 883-5538
Toll Free: (800) 888-5538
www.functionaldevices.com
sales@functionaldevices.com

10 YEAR WARRANTY

DRY CONTACT INPUT TIME DELAY RELAYS

c UL us LISTED · MADE IN THE USA WITH GLOBAL MATERIALS · CE · RoHS





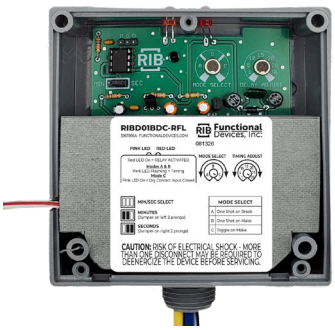
Dry Contact Input Operation
Close or open White/Red wire and White/Blue wire to trigger functionality. Modes A&B: One shot. Mode C: Toggle. See timing diagram for details.

NOTES

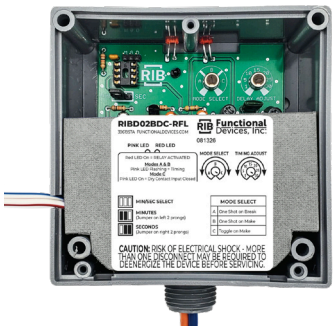
If more than one dry contact RIB® shares a single dry contact input, White/Blue must be common.

Changing min/sec or mode while unit is running will reset the unit (de-energize the relay and turn off the timer). Once the dry-contact input is opened the unit will function as normal again.

If the unit is powered up with the dry contact input closed, the relay will remain deenergized.



RIBD01BDC-RFL
Time Delay Dry Contact Relay,
20 Amp SPDT, Class 2 Dry Contact Input,
120 Vac Power Input, NEMA 1 Housing



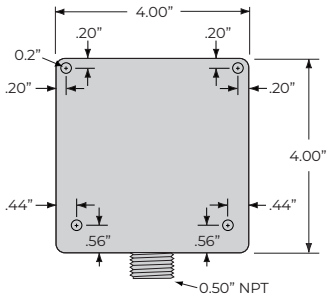
RIBD02BDC-RFL
Time Delay Dry Contact Relay,
20 Amp SPDT, Class 2 Dry Contact Input,
208-277 Vac Power Input, NEMA 1 Housing

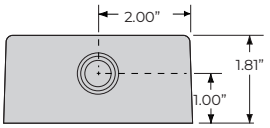
SPECIFICATIONS

# Relays & Contact Type	One (1) SPDT Continuous Duty Coil
Expected Relay Life	10 million cycles minimum mechanical
Operating Temperature	-30 to 140° F
Humidity Range	5 to 95% (noncondensing)
Operate Time	18ms after time delay
Relay Status	Red LED On = Activated
Time Delay Status	Modes A & B: Pink LED Flashing = Timing Mode C: Pink LED On = Dry Contact Input Closed
Timing Mode	Selectable: One Shot on Break, One Shot on Make, Toggle on Make
Timing Range	1-30 Seconds or 1-30 Minutes
Timing Adjustment	3 pin header w/jumper for sec/min and single turn potentiometer for timing adjustment within range
Dimensions	4.00"H x 4.00"W x 1.81"D with 0.50" NPT hub
Origin	Made of US and non-US parts
Wires	16", 600V Rated
Approvals	UL Listed, UL916, C-UL, CE, RoHS
Housing Rating	UL Accepted for Use in Plenum, NEMA 1
Gold Flash	No
Override Switch	No
Contact Ratings	20 Amp Resistive @ 277 Vac 20 Amp Ballast @ 277 Vac 16 Amp Electronic Ballast @ 277 Vac (N/O) 10 Amp Tungsten @ 120 Vac (N/O) 770 VA Pilot Duty @ 120 Vac 1,110 VA Pilot Duty @ 277 Va 2 HP @ 277 Vac 1 HP @ 120 Vac

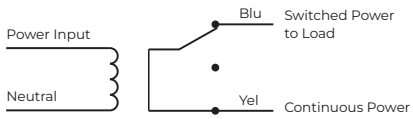
SELECTION GUIDE

Model #	Power Input
RIBD01BDC-RFL	66 mA @ 120 Vac
RIBD02BDC-RFL	81 mA @ 208-277 Vac

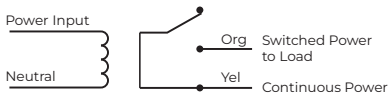




WIRING FOR LOAD ON N/C CONTACT



WIRING FOR LOAD ON N/O CONTACT

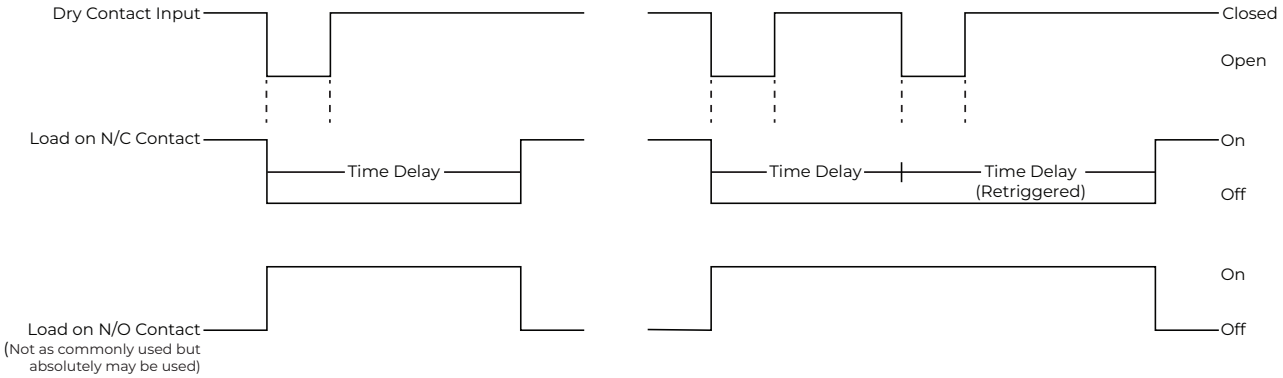


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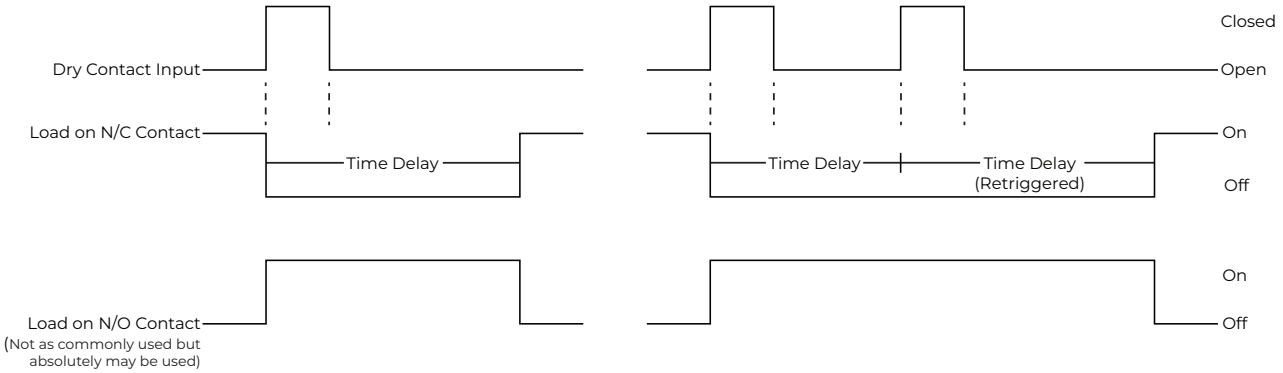
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10 YEAR WARRANTY

MODE A: ONE SHOT ON BREAK



MODE B: ONE SHOT ON MAKE



MODE C: TOGGLE ON MAKE

