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RIBU1SM

10 AMP PILOT CONTROL RELAY

Enclosed Relay 10 Amp SPST-N/O + Override + Monitor with 10-30 Vac/dc/120 Vac Coil

c UL us LISTED

CE

MADE IN USA

SPECIFICATIONS

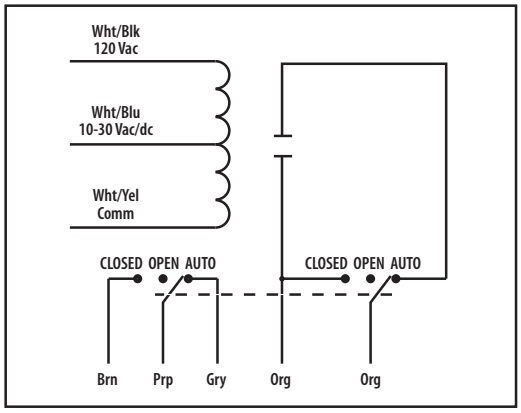
 # Relays & Contact Type: One (1) SPST Continuous Duty Coil
Expected Relay Life: 10 million cycles minimum mechanical
Operating Temperature: -30 to 140° F
Operate Time: 20mS
Relay Status: LED On = Activated
Dimensions: 2.30˝ x 3.20˝ x 1.80˝ with .50˝ NPT nipple
Wires: 16˝, 600V Rated
Approvals: UL Listed, UL916, UL864, C-UL California State Fire Marshal, CE
Housing Rating: Plenum, NEMA 1
Gold Flash: Yes
Override Switch: Yes + Monitor

Contact Ratings:
10 Amp Resistive @ 277 Vac
480 VA Pilot Duty @ 240-277 Vac
480 VA Ballast @ 277 Vac
600 Watt Tungsten @ 120 Vac N/O
240 Watt Tungsten @ 120 Vac N/C
1/3 HP for N/O @ 120-240 Vac
1/6 HP for N/C @ 120-240 Vac
1/4 HP for N/O @ 277 Vac
1/8 HP for N/C @ 277 Vac

Coil Current:

30 mA @ 10 Vac	12 mA @ 10 Vdc
32 mA @ 12 Vac	14 mA @ 12 Vdc
42 mA @ 24 Vac	16 mA @ 24 Vdc
50 mA @ 30 Vac	18 mA @ 30 Vdc
25 mA @ 120 Vac	

Coil Voltage Input:
10-30 Vac/dc ; 120 Vac ; 50-60 Hz
Drop Out = 2.1 Vac / 2.8 Vdc
Pull In = 9 Vac / 10 Vdc

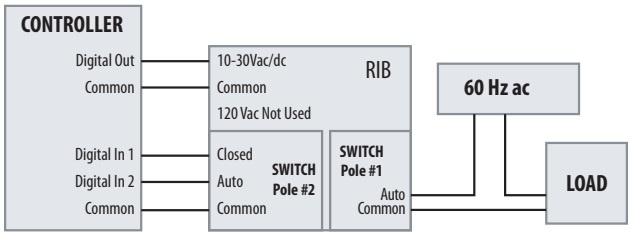


Notes:
» Second pole of override switch can be connected to digital-in of controller to report position of override switch
» Rating of second pole is 277 Vac max and 5 Amp max
» Order Normally Closed by adding "-NC˝ to end of model number

NOTES

MONITORING SWITCH POSITION WITH A CONTROLLER

Digital In 1 and 2 of the controller can be used to monitor the position of the HOA switch.
The controller can be programmed to log the status of the HOA and provide a warning if the switch is in an override position.



ENCLOSED RELAYS
10 AMP
RIBU1SM
RIBH1SM

TRACK RELAYS
15 AMP
RIBMU1SM
RIBMH1SM
RIBMNU1SM
RIBMNH1SM

DI1	DI2	RESULT
Open	Open	Overridden Off
Open	Closed	Auto
Closed	Open	Overridden On
Closed	Closed	Error Condition