



Alternating Relay

CAB

Specifications

Electrical

Input Voltage:

24 to 230VAC, ±10%, 50/60Hz.

Control Signal:

100 mSec. min. to ensure transfer

Reset Times:

100 Milliseconds, Typical

Protection:

Varistor and/or R-C Network

Power Consumption: 4VA

Output Relay:

10 Amps @ 120/240VAC

500,000 Full Load Electrical Cycles

50,000,000 Mechanical Cycles

U.L. and CSA Ratings:

5 Amps, 1/3 HP, 125VA @ 230VAC

5 Amps, 1/6 HP, 125VA @ 120VAC

Physical

Mounting: Plug-In

Termination:

8 or 11 Pin & Blade Base

Packaging: Dust Cover

Weight: 7 Oz.

Ambient Temperatures

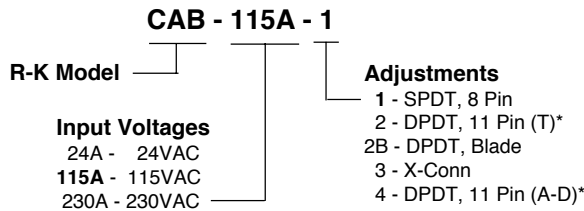
Operating: -10°C to 40°C

U.L. Operating: -10°C to 40°C

Storage: -10°C to 85°C

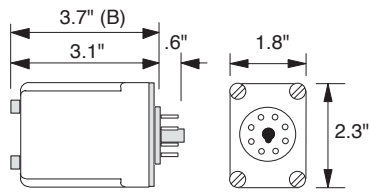


Ordering Information

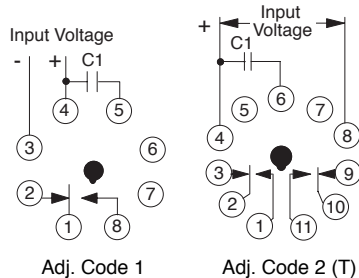


* "T" Time Mark, "D" Diversified, "A" R-K ARB

Dimensions



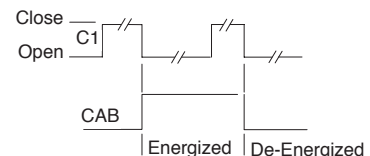
Connections



Operation

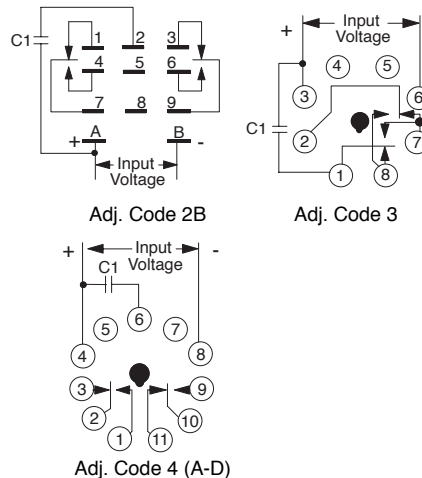
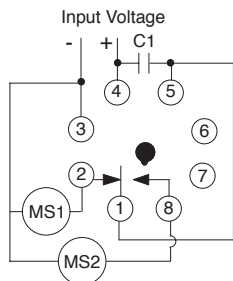
Alternating Relay

Input voltage and a customer supplied contact are required. When input voltage is first applied to the CAB, its internal relay remains de-energized. First closure of the contact (C1) does not cause a transfer of the internal relay. Opening the contact (C1) for the first time causes the internal relay to energize, transferring the output contacts. Each subsequent opening of the contact (C1) will cause the relay to transfer to the other position (alternating). Removal of input voltage from the CAB resets the internal relay to its initial condition (de-energized).



Example: CAB-115A-1

MS1 = Load #1
(Motor Starter)
MS2 = Load #2
Motor Starter
C1 = Control Contact



- Duplex Pump Control
- CMOS Design
- 10 Amp Relay
- DPDT
- Indicating LEDs
- Reliable
- Transient Protected