

# Circuit Selector Switch



## Compliances (Current Editions)

FAA: AC 150/5345-5, ETL Certified

ICAO: Areodrome Design Manual Part 5; and NAVAIR 51-50AAA-2



## Application

The Circuit Selector Switch is used to direct the output of a Constant Current Regulator between one or more series circuits. The usage may include, but is not limited to, switching sections of taxiways, PAPIs, or REILs.

## Key Features

- Easy Installation and Operation
- Clear dead-front cover ensures users are protected from High Voltage connections
- May be used with Local or Remote control
- Optional Monitoring provides indication of user command as well as sensed current
- Rated for 6.6A or 20A circuits
- Wide input voltage range of 100VAC to 240VAC, 50/60Hz
- Make-before-break solid-state control ensures reliable operation
- Dependable, high-quality vacuum relays ensure safety and long-term operation
- Optional Interlock allows for remote shutdown of connected CCR

## Electrical Specifications

- Input Voltage: 100VAC - 240VAC, 50/60Hz
- Remote Control Voltage: 24V – 120V, 60Hz
- Monitoring Voltage: 24V – 120V, 50/60Hz

## Operational Specifications

- Operating Temp: -40°F to +131°F (-40°C to +55°C)



# Specifications

## General Catalog Numbers

847-□-□-□-□□□

**Type**

- 1 = 1 Circuit
- 2 = 2 Circuits
- 3 = 3 Circuits
- 4 = 4 Circuits

**Class**

- A = Indoor Rated
- B = Outdoor Rated

**Rating**

- 1 = 6.6 Amp, 5kV Circuits
- 2 = 20 Amp, 5kV Circuits\*

**Remote Control Power**

- 1 = Internal 24VDC
- 2 = Supply Power (Nominal: 120 VAC)
- 3 = External 24V-120V

**CCR Interlock Capability**

- 0 = No Interlock Capability
- 1 = CCR Interlock Ready

**Monitor Power**

- 0 = No Monitoring
- 1 = Internal 24VDC
- 2 = Supply Power (Nominal: 120 VAC)
- 3 = External 24V-120V

*\*Compliant to FAA Specification*