Waveguide Switch - WR187 Series

Frequency: 3.95 to 5.85 GHz
VSWR: 1.10:1 Max.
Insertion Loss: 0.10 dB Max.
Isolation: 70 dB Min.
Flange: See Flange Table
Voltage: See Voltage Table
Switching Time: 150 mS Max.
Material: Aluminum (RF Assy)
Finish: Iridite per MIL-C-5541
Paint Dull Black Enamel
Pressure: 30 PSIG (RF Head Only)
Drive: Patented Logus I Motor
Temp: Operating: -40°C to +85°C
Non-Operating: -55°C to +100°C
Humidity: 0 to 100%, Fully Weatherized
RoHS Available

Options:
- Voltage: 115 VAC, 230 VAC, 12 VDC, 15 VDC, 12 VDC, 24 VDC, 28 VDC, 48 VDC, 115 VAC, 230 VAC
- Drive: LATCHING, PULSE LATCHING, FAILSAFE, TTL
- Flange: CPR-F, CPR-G

Specifications:
- For Access to Manual Override: Loosen (2) Captive Screws
- Weatherized Cover: Clear Viewing Window Available
- Mounting Holes: 8x 1/4-20 UNC - 2B \( \overline{.31} \) TYP All Ports
- Motor: Patented Logus I Motor
- Latching, Shown in Position 1

Logus I Motor

Arc Suppression

DRIVE OPTIONS
LATCHING
PULSE LATCHING
FAILSAFE
TTL

VOLTAGE OPTIONS
12 VDC
15 VDC
24 VDC
28 VDC
48 VDC
115 VAC
230 VAC

FLANGE OPTIONS
CPR-F
CPR-G

Ind. A Ind. B Ind. C Ind. D Motor (+)
Ind. E Ind. F

Latching, Shown in Position 1
(Other Circuits Available)