

March 2012

Product

SwitchCap™ Dual Multiple Value Capacitor

Application

HVAC applications including air handlers, heat pumps, condensing units, coolers, refrigeration systems, RTUs and PTACs.

Advantages

The SwitchCap™ Dual from DiversiTech is a multi-value capacitor that replaces hundreds of single setting capacitors. SwitchCap offers excellent reliability in an epoxy-filled motor-run capacitor. SwitchCap be easily configured to any setting using the adjustable rocker switches on the bottom. SwitchCap™ simplifies the way you work by eliminating the need for almost all of the typical motor-run capacitor inventory. It's a must have for any technician.

Features

- 1 unit covers most HVAC applications
- Capacitance value are selected by built-in switches, no jumpers to get lost or connected improperly
- Rugged PC-ABS housing can't corrode like metal can caps and offers superior insulation resistance
- Epoxy encapsulated – superior resistance to moisture and vibration
- Built-in hang tabs. Easy mounting with sheet metals screws
- Easy set-up, 8 switches select 128 values

See Technical Specs on Page 2



Ratings

Capacitance Range	FAN 3.0 to 10.5 MFD 450 VAC
Capacitance Range	HERM 15 to 60 MFD 450 VAC
Capacitance Range	Combined 3.0 to 70.5 MFD 450 VAC
Capacitance Tolerance	+/- 5% or better for any selected value combination
Operating Voltage	450 VAC RMS continuous
Operating Frequency	50 / 60 Hz
Dissipation Factor	<= 0.002 max
Leakage Current	30 microAmps max per selected element
Life Expectancy (test spec)	3,000 hours @ 85 °C @ 480 VOLTS RMS
Service Life Objectives (Arrhenius)	10,000 hours @ 65 °C (150 °F) 60,000 hours @ 35 °C (104 °F)

Construction

Protectors	2 internal 100,000 AFC fault interrupters UL 248
Terminals/Connections	Nickel plated steel, 0.8 mm thick FAN, HERM, COM - each with four ¼" quick connects
Switches (8)	Double-Break 8A 250V X2 per element (500V) UL recognized components
Housing	Rugged corrosion-proof PC-ABS
Operating Temperature Range	-40°C to 70°C
Safety Approval	ETL Recognized component to UL508, 12,500 AFC tested
Mounting	Hang-Tabs (2ea #8 screw holes on tab) (1ea #8 slot under bottom lip)
Warranty	2 years

Catalog #	Description	UPC	Order Mult	Weight	Dimensions
SCAP-60D	SwitchCap™ Dual Multi Value Capacitor	095247147267	6	3.0 lbs	5.9" x 2.9" x 2.2"