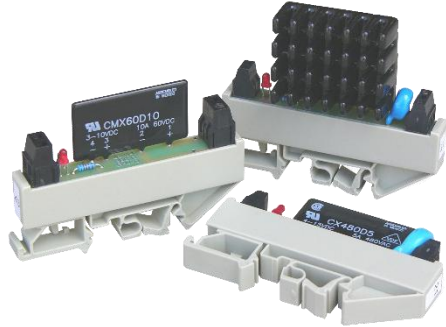


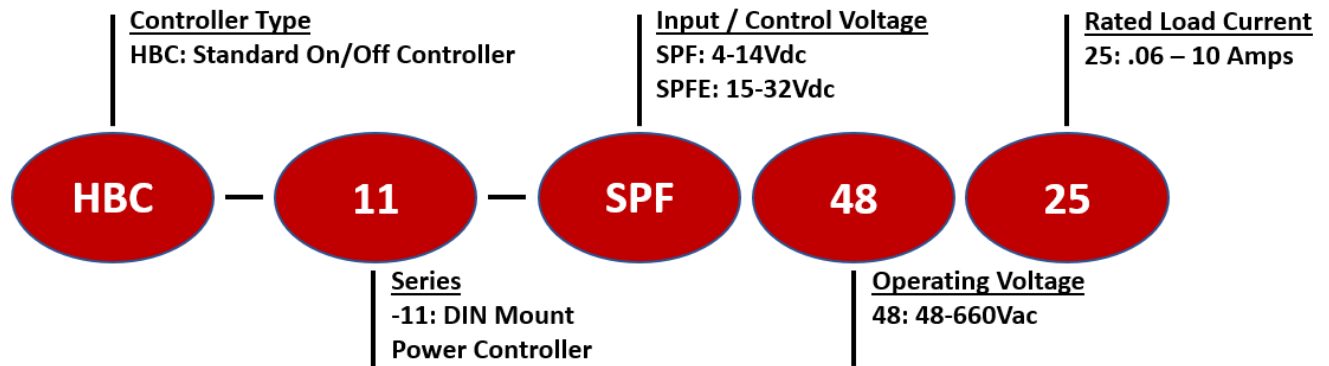
# -11-SPF Series

## Compact Solid State Power Controllers



- AC (SCR) output DIN mount solid-state relay Power Controllers
- Output ratings up-to 10 amps @ 40°C ambient temperature
- Narrow 0.9" wide design to accommodate high density applications
- Ideal as a stand-alone Power Controller or as a single-channel addition to multi-zone panels
- Solid-state relay approvals include VDE/TÜV and CE

### Series Nomenclature



### Output Specifications

Part Number: HBC - 11 -	SPF(E)4825
Crydom Solid-State Relay Utilized*	SPF480D25 / SPFE480D25
Operating Voltage (Vrms; 47-440Hz)	48-660
Load Current Range (Amps RMS)	.06 – 10
Transient Overvoltage (Vpk)	1200
Max. Surge Current (Apk; 60Hz)	250
Max. On-State Voltage Drop (Vrms)	1.1
Max I <sup>2</sup> T for Fusing (A <sup>2</sup> S; 60Hz)	260
Max. Off-State Leakage Current (mArms)	1
Min. Power Factor with Max. Load	0.5

\*UL Recognized Components - E116949

# -11-SPF Series

## Compact Solid State Power Controllers

### Input Specifications

Part Number:	SPF	SPFE
Control Voltage Range	4-15Vdc	15-32Vdc
Minimum Turn-On Voltage	4Vdc	15Vdc
Must Turn-Off Voltage	1Vdc	1Vdc
Input Current Range (mA)	15 – 57	15 – 25
Nominal Input Impedance (Ohms)	240	1500
Maximum Turn-On / Turn-Off Time	½ AC Cycle	½ AC Cycle

### General Specifications

Description	Specification
Dielectric Strength (Input/Output)	4,000 Vrms
Ambient Operating Temperature Range	-40 to +80 °C
Weight	.32 lbs (145 g)

