

HBC-11-CX241

Compact Solid State Power Controller



- AC (SCR) output DIN mount solid-state relay Power Controllers
- Output rating; 1.5 amps @ 40°C ambient temperature
- Narrow 0.5" 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

Output Specifications

Part Number:	HBC-11-CX241
Crydom Solid-State Relay Utilized*	CX241
Operating Voltage (Vrms; 47-440Hz)	12-280
Load Current Range (Amps RMS)	.025 – 1.5
Transient Overvoltage (Vpk)	600
Max. Surge Current (Apk; 60Hz)	40
Max. On-State Voltage Drop (Vrms)	1.0
Max. Off-State Leakage Current (mArms)	0.1
Min. Power Factor with Max. Load	0.5

*UL Recognized Components - E116949

Input Specifications

Part Number:	HBC-11-CX241
Control Voltage Range	4-10Vdc
Minimum Turn-On Voltage	4Vdc
Must Turn-Off Voltage	1Vdc
Input Current Range (mA)	10 - 29
Nominal Input Impedance (Ohms)	300
Maximum Turn-On / Turn-Off Time	½ AC Cycle

General Specifications

Description	Specification
Dielectric Strength (Input/Output)	4,000 Vrms
Ambient Operating Temperature Range	-40 to +80 °C
Weight	0.07 lbs (32 g)

HBC-11-CX241

Compact Solid State Power Controller

