

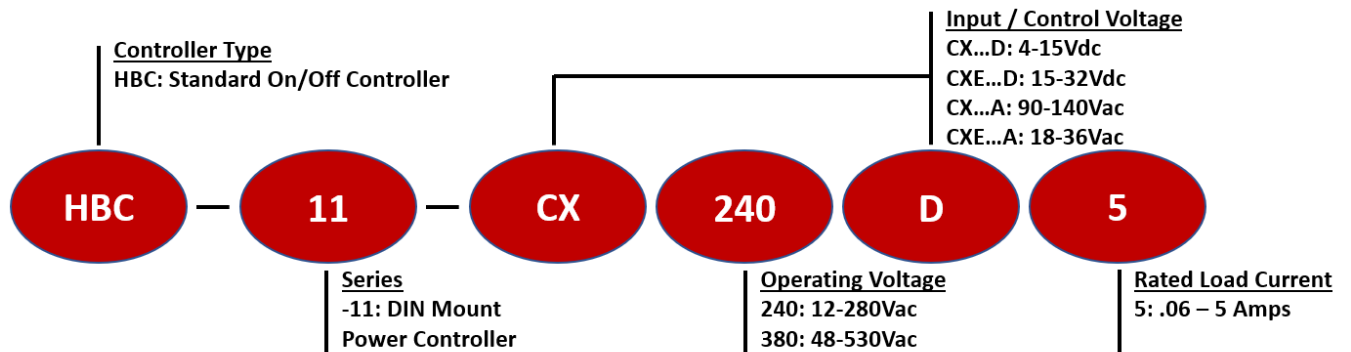
-11-CX240/380 Series

5 Amp Compact Solid State Power Controllers



- AC (SCR) output DIN mount solid-state relay Power Controllers
- Output ratings up-to 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

Series Nomenclature



Output Specifications

Part Number: HBC - 11 -	CX(E)240x5	CX(E)380x5
Crydom Solid-State Relay Utilized*	CX240D5	CX380D5
Operating Voltage (Vrms; 47-440Hz)	12-280	48-530
Load Current Range (Amps RMS)	.06 – 5	.06 - 5
Transient Overvoltage (Vpk)	600	1200
Max. Surge Current (A _{pk} ; 60Hz)	250	250
Max. On-State Voltage Drop (Vrms)	1.0	1.0
Max I ² T for Fusing (A ² S; 60Hz)	260	260
Max. Off-State Leakage Current (mArms)	1	1
Min. Power Factor with Max. Load	0.5	0.5

*UL Recognized Components - E116949

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Input Specifications

Part Number:	HBC-11-CX..D	HBC-11-CXE..D	HBC-11-CX..A	HBC-11-CXE..A
Control Voltage Range	3-15Vdc	15-32Vdc	90-140Vac	18-36Vac
Minimum Turn-On Voltage	3Vdc	15Vdc	90Vac	18Vac
Must Turn-Off Voltage	1Vdc	1Vdc	10Vrms	2Vrms
Input Current Range (mA)	10 – 46	10 – 21	6 – 12	6 – 12
Nominal Input Impedance (Ohms)	300	1500	14.1K	2.1K
Maximum Turn-On / Turn-Off Time	½ AC Cycle	½ AC Cycle	10 / 40 msec	10 / 40 msec

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)

Available Options (Suffix at end of part number)

-10 Random/Instantaneous turn-on (inductive or phase-control applications)

