



# Strip Wire Power Controller to 60A CMF Series



## FEATURES:

- Solid State Relay Assemblies rated to 60A/pole @ 40° C (100% duty cycle)
- Available in 1, 2 & 3 Pole configurations
- Relays approved to the following: UL, CSA, VDE and CE
- Zero cross switching standard
- LED status indicator & DIN mount standard
- Box clamp terminals with finger protection
- 12 VDC Fan Included

INPUT SPECIFICATIONS	AC Control	DC Control
Part #	HBC-690CHAA-I	HBC-690CHDA-I
Control Voltage Range	90-280Vrms	4-32Vdc
Max. Turn-on Voltage	90Vrms	4Vdc
Min. Turn-off Voltage	10Vrms	1Vdc
Typical Input Current	15mA @ 120Vrms	14mA @ 5Vdc
<b>OUTPUT SPECIFICATIONS</b>		
<b>Operating Voltage (47-63 Hz) [Vrms]</b>	<b>48-660</b>	<b>48-660</b>
<b>Load Current Range [Arms]</b>	<b>.04-60</b>	<b>.04-60</b>
Transient Overvoltage [Vpk]	1200	1200
Max. Surge Current, (16.6ms) (Apk)	1200	1200
Max. On-State Voltage Drop [Vpk]	1.7	1.7
Max. Turn-on Time	10.0	1/2 cycle
Max. Turn-off Time	40.0	1/2 cycle
Max. I <sup>2</sup> t for fusing (8.3mS)	6000	6000
Max. Off-State Leakage Current [mArms]	1.0	1.0
Power Factor (Min.) with Max. Load	0.5	0.5

\* Panel mount standard

## OPTIONS:

- 10 Random turn-on
- 2 3 Phase / 2 Pole configuration
- 3 3 Phase / 3 Pole configuration
- WH Wiring harness for multi-pole configurations
- E 24VAC Control (AC Control Only)

- M MOV - External transient voltage suppression
- P Internal transient voltage suppression
- TP Through panel-mount
- PM Panel Mount
- ND No DIN Clip
- CT Current Transducer

