



C O U R S E
P O W E R & C O N T R O L S

COURSE POWER & CONTROLS

Digital FLAIR CPC-600 series Thyristor Power Controller.

FLAIR CPC-600-1 Phase Angle

FLAIR CPC-600-2 Combination



FLAIR CPC-600 Series Digital Thyristor Controller
A perfect design for Precise control & Energy Efficiency.
Made for Industrial Applications
with Numerous features.

Manufactured By: Course Power & Controls.

Works:-S.No.77/4, Vishnumalati Industrial Estate,N.D.A.Road,
Shivane,Pune-411023,Maharastra

Reg. Office:-1B, Rachana Avenue, FC Road, Pune 411004.

Contact:- +91 7028905070,9145040669

E-mail-mktcoursepower@gmail.com coursepower@gmail.com





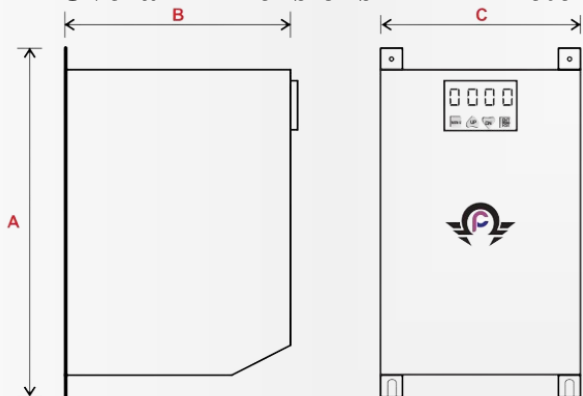
Features of FLAIR CPC-600 series:-

- ✓ FLAIR CPC 600 series Thyristor Controller is available in two variants
 - ✓ FLAIR CPC 600-1 (Phase Angle)
 - ✓ FLAIR CPC 600-2 (Combination)
- ✓ On-site Phase Angle or Burst Firing (Zero Crossover) mode selection is available for Flair CPC 600-2.
- ✓ Built with Word Approved SEMICRON Germany Thyristor Modules.
- ✓ Design is tested & approved for EMC test conducted by Govt. Approved ETDC Lab.
- ✓ Soft start Facility.
- ✓ User-Friendly Human Interference Touchpad with Screen for parameter setting & status display.
- ✓ Adjustable Over Load Trip (OL) & current limit (CL) facility POT is available.
- ✓ The Heat Sink is equipped with a Thermostat. In the case of overtemperature, the display screen will show "THE"
- ✓ Auto / Manual Facility available.
- ✓ Two Analog inputs are available (For signal & POT).
- ✓ Two Digital Input (DI) are available (for Enable & Auto manual).
- ✓ Two numbers of Digital Outputs (DO) are available (for over current trip & Run / Ready).
- ✓ Inbuilt protection by dv/dt is available.

Specifications:

- ✓ Available Range from 9kW to 300kW. (12Amp to 500 Amp)
- ✓ Suitable for 3-phase load of 415 V -440V AC & 47Hz to 60Hz Frequency.
- ✓ Input 4-20 mAmp & 0-10V DC.
- ✓ Auxiliary Supply 230 VAC.50Hz/60Hz (110 VAC also available upon request)

Overall Dimensions in millimeter:



Power kW	Width C	Depth B	Height A
15-70kW	170	275	410
80-100kW	200	275	410
150kW	260	300	420
250kW	275	355	480
300kW	275	380	480

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COURSE POWER & CONTROLS FLAIR CPC-600 -3 Digital Thyristor Power Controller.



FLAIR CPC-600-3 Series Digital Thyristor Controller
A perfect design for Precise control & Energy Efficiency.
Made for Industrial Applications
with Numerous features.
It is equipped with LCD display & LED indicators

Manufactured By: Course Power & Controls.

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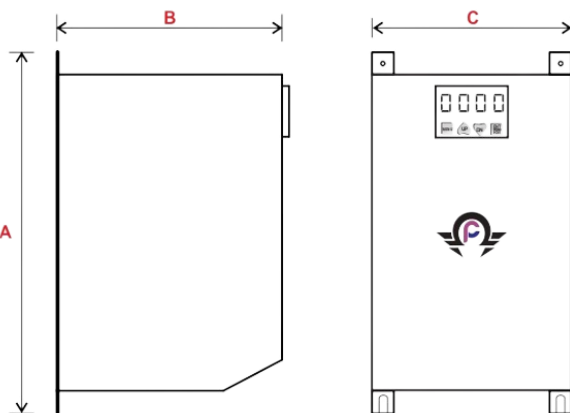
Features of FLAIR CPC 600-3:-

- ✓ On-site selection of Phase Angle or Zero Crossover mode is available.
- ✓ Built with SEMICRON Germany Make Thyristor Modules.
- ✓ Soft start Facility available.
- ✓ User-friendly LCD screen for status display.
- ✓ Additional LED indications for easy & quick understanding.
- ✓ Adjustable Overload Trip (O/L) & current limit facility (C/L) POT is available.
- ✓ The Heat Sink is equipped with a Thermostat. In the case of overtemperature, the display screen will show “THE”
- ✓ Auto / Manual Facility available.
- ✓ Two Analog inputs are available (For signal & POT).
- ✓ Two Digital Input (DI) are available (for Enable & Auto manual).
- ✓ Two numbers of Digital Outputs (DO) are available (for over current trip & Run / Ready).
- ✓ Inbuilt protection by dv/dt is available.

Specifications:

- ✓ Available Range from 9kW to 300kW. (12Amp to 500 Amp)
- ✓ Suitable for 3-phase load of 415 V -440V AC & 47Hz to 60Hz Frequency.
- ✓ Input 4-20 mAmp & 0-10V DC.
- ✓ Auxiliary Supply 230 VAC.50Hz/60Hz (110 VAC also available upon request)
- ✓ Design is EMC test approved by ETDC

Overall Dimensions in millimeter:



Power kW	Width C	Depth B	Height A
15-27kW	150	230	350
36-50kW	150	275	350
60-70kW	170	275	410
100kW	200	275	410

Manufactured By: Course Power & Controls.

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