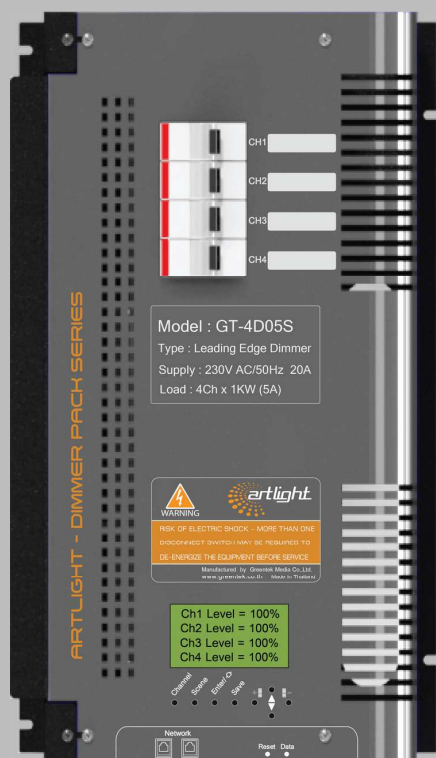


## GT-4D05S : Digital Dimmer Pack

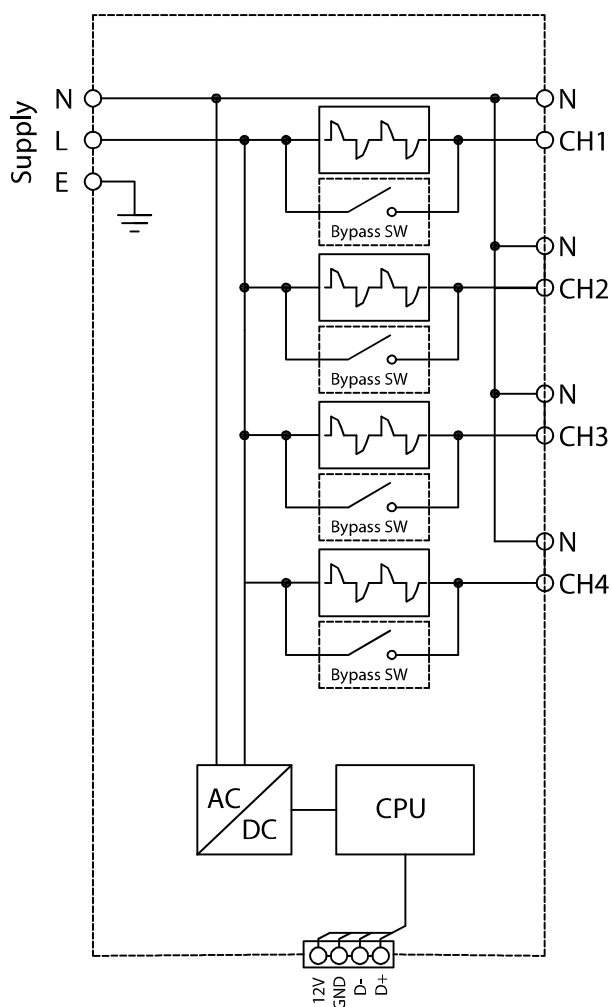
### 4 Channels x 1000 Watts



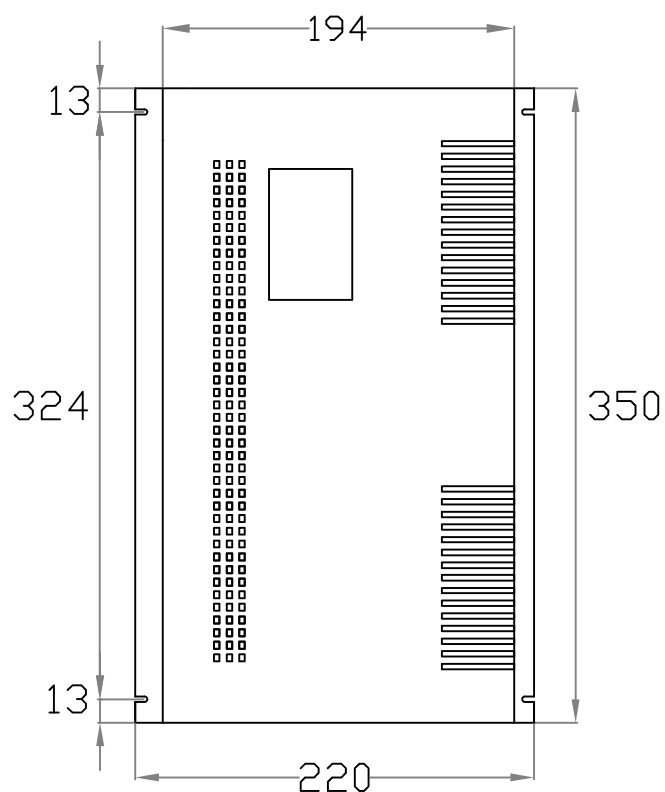
#### KEY FEATURE

- Main Input Supply : 220VAC/50Hz 1 Phase 20A
- Output : 4ch x 1000Watts (5A) Maximum.(Leading edge phase control)
- Protection : 4 x 5A 6kA single pole thermal magnetic circuit breakers
- RFI. Suppression :
  - Iron powder toroidal choke with R-C Filter standard BS 800 and VDE 0875
  - Rise Time 200uS at 220V
- Safety required by voltage isolation between control and power stage
  - Photocoupler isolation 2.5kV
- Power electronics component: Triac 600V/40A nom. 420A surge
- Operation control by microcontroller
  - Setup fades time from 0-1200s by independent for each channel
  - Setup the future program up to 128 programs
  - Dimming feature by square law "B" curve type
  - Select function for Dim or Non Dim type by independent/channel
- Have internal data storage & data protection by EEPROM for prevent data loss and non battery backup
- Support Communication & Interface by RS-485(i-Net protocol)
- Operating Environment :0° to 40°C ambient temperature
- Initial start up program by Front Panel Programmer
- By-pass switch for every control channel (Emergency case)
- Load compatibility :
  - Incandescent - Mains-rated
  - Halogen or Low Voltage Halogen
  - Neon (cold cathode) magnetic transformers
  - Fluorescent (Non Dim/On-Off)
- Main input terminal:
  - Line, Neutral, Earth
  - Wire size 3 x 4sq.mm
- Output terminal:
  - Line, Neutral by separate for each channel
  - Wire size 4 x 2.5sq.mm
- Iron and Aluminum cabinet (Thermal Management )
- Installation: Wall mount type
- Dimension: 220 (width) x 350 (length) x 150(thick) mm.
- Weight: 2.5 kg.

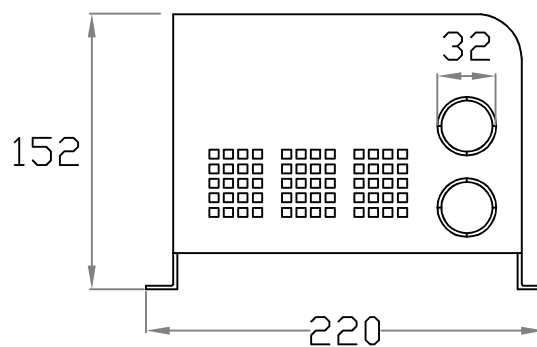
## ELECTRICAL DIAGRAM



## MOUNTING DIMENSIONS



TOP VIEW



RIGHT VIEW