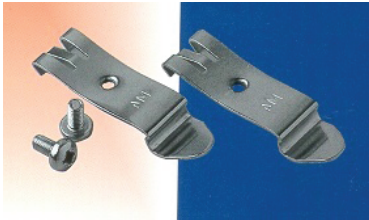




Features

- DIN-Rail and panel mount option
- Input voltage options: 12V, 24V and 48VDC
- Other inputs on request
- Low profile, fully encapsulated module
- Ideal for harsh environments
- Adjustable output
- Overcurrent protection
- High operating temperature range +70°C
- Input - output isolation
- Low cost non-isolated units on request
- Suitable for a wide range of industrial applications
- Special low cost non-isolated models on request



DIN Rail Option:
Order Din Rail clips P/N: C-CL01-002 (2 pcs Required)

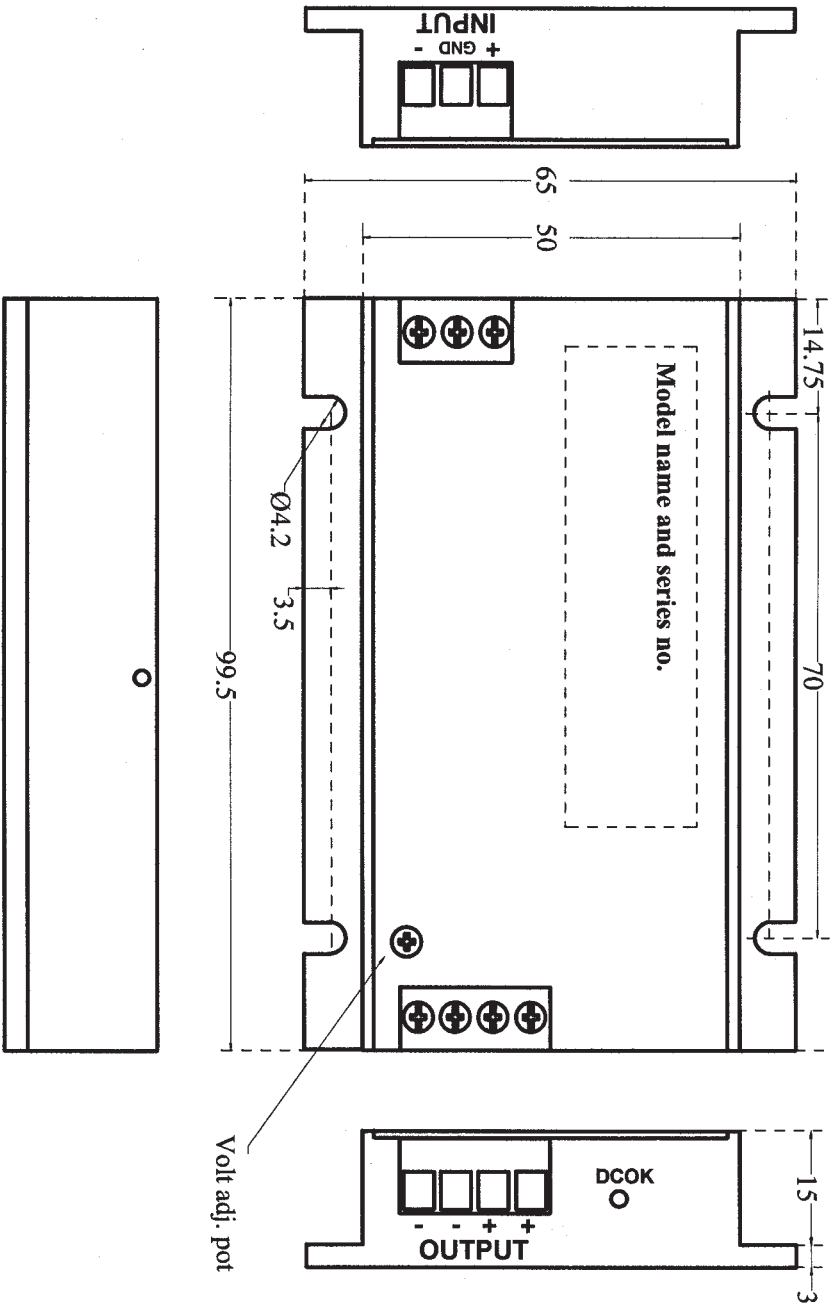
Specifications

| | |
|------------------------|--|
| INPUT: | 12 VDC (10.5~16V) 24 VDC (20~30V) 48 VDC (40~60V) Other voltages on request |
| INPUT PROTECTION: | (External fuse required) |
| EFFICIENCY: | Model dependent 78-85% |
| VOLTAGE ACCURACY: | Voltage settings accuracy within 2% |
| OUTPUT VOLTAGE: | Refer to table |
| VOLTAGE ADJUSTMENT: | Typically ±10% |
| OUTPUT POWER: | 25~60 watts |
| OUTPUT PROTECTION: | Output current limiting with auto recovery. Thermal shutdown with auto restart |
| ISOLATION: | Input - output 500 VDC Input - case 500 VDC Output - case 500 VDC |
| LINE REGULATION: | ±0.4% |
| LOAD REGULATION: | ±0.4% |
| OUTPUT RIPPLE & NOISE: | Model dependent typically 1% of V out |
| SWITCHING FREQUENCY: | 60W model: 300KHz 25W model: 400KHz |
| COOLING: | Convection cooled |
| HUMIDITY: | 5~95% RH non-condensing |
| OPERATING TEMP: | -20°C to 50°C at 100% load +60°C at 75% load, +70°C at 50% load |
| DIMENSIONS: | APK25 & APK60: 100 x 65 x 18mm 180g. |
| CONNECTOR: | Screw terminal block |



| MODEL | Input | Output | | Power W |
|------------|-------|--------|-------|---------|
| | | V | A | |
| APK25-1205 | 12V | 5V | 5A | 25W |
| APK25-1212 | 12V | 12V | 2A | 25W |
| APK25-1215 | 12V | 15V | 1.6A | 25W |
| APK25-1224 | 12V | 24V | 1.04A | 25W |
| APK25-1248 | 12V | 48V | 0.52A | 25W |
| APK25-2405 | 24V | 5V | 5A | 25W |
| APK25-2412 | 24V | 12V | 2A | 25W |
| APK25-2415 | 24V | 15V | 1.6A | 25W |
| APK25-2424 | 24V | 24V | 1.04A | 25W |
| APK25-2448 | 24V | 48V | 0.52A | 25W |
| APK25-4805 | 48V | 5V | 5A | 25W |
| APK25-4812 | 48V | 12V | 2A | 25W |
| APK25-4815 | 48V | 15V | 1.6A | 25W |
| APK25-4824 | 48V | 24V | 1.04A | 25W |
| APK25-4848 | 48V | 48V | 0.52A | 25W |

| MODEL | Input | Output | | Power W |
|------------|-------|--------|-------|---------|
| | | V | A | |
| APK60-1205 | 12V | 5V | 12A | 60W |
| APK60-1212 | 12V | 12V | 5A | 60W |
| APK60-1215 | 12V | 15V | 4A | 60W |
| APK60-1224 | 12V | 24V | 2.5A | 60W |
| APK60-1248 | 12V | 48V | 1.25A | 60W |
| APK60-2405 | 24V | 5V | 12A | 60W |
| APK60-2412 | 24V | 12V | 5A | 60W |
| APK60-2415 | 24V | 15V | 4A | 60W |
| APK60-2424 | 24V | 24V | 2.5A | 60W |
| APK60-2448 | 24V | 48V | 1.25A | 60W |
| APK60-4805 | 48V | 5V | 12A | 60W |
| APK60-4812 | 48V | 12V | 5A | 60W |
| APK60-4815 | 48V | 15V | 4A | 60W |
| APK60-4824 | 48V | 24V | 2.5A | 60W |
| APK60-4848 | 48V | 48V | 1.25A | 60W |



Finish: Black anodised.
 Note: Remove all burr and shape edges
 All dimensions in mm unless otherwise stated.

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| | | | | | |
|-----------------------------|--|------------------------------|--|--------------|--|
| Title APK Outline | | Doc No APK-outline | | Issue | |
| Drawn By: RC | | Chkd : | | Appvd : | |
| Date: 20th Sept 2002 | | Date : | | Date : | |
| | | | | Sheet 1 of 1 | |