



RP-CEMF module specializes in motor application that can eliminate back electromotive force. When stepper motor is braking, back electromotive voltage that generate from motor coil will easily let the switching power supply trigger self-protection, shutdown, stop powering, even more, burn the customers' product. RP-CEMF module can quickly eliminate the back electromotive voltage and stabilize the output voltage in order to make customers' system work faster and accurate.



### Environmental Parameters

Operating Temperature  
 Operating Humidity  
 Storage Temperature  
 Vibration

- 15° C to + 50° C, Ambient  
 20 ~ 90 % RH, No Condensing  
 -20° C to + 85 °C, Ambient  
 2G, 10~500Hz, 3 axes

### Typical Product List:

Model	Input Voltage	Output Voltage	Max Average Output Current	Max Peak Output Current
RP-CEMF	20~75VDC	20~75VDC	10A	20A

### CE Standards

EN 55032, EN 55035, EN 61000-3-2, EN 61000-3-3,  
 EN 61000-4-2, EN 61000-4-3, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6,  
 EN 61000-4-8, EN 61000-4-11

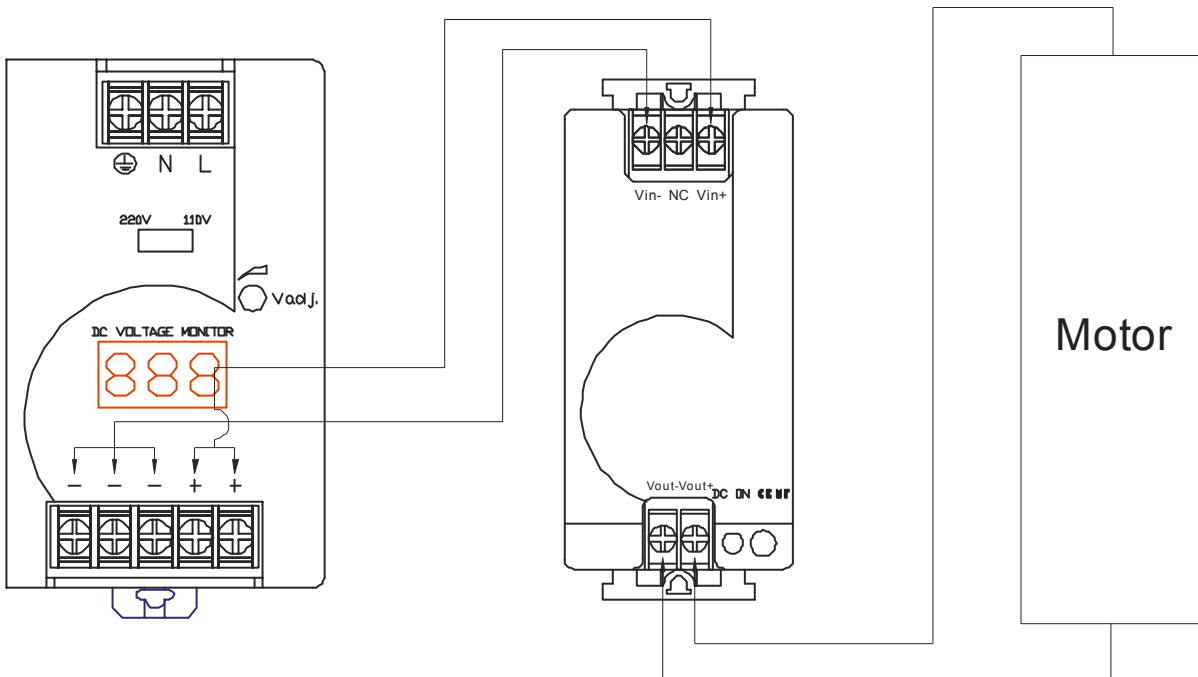
### Safety Standards



### Application Circuit

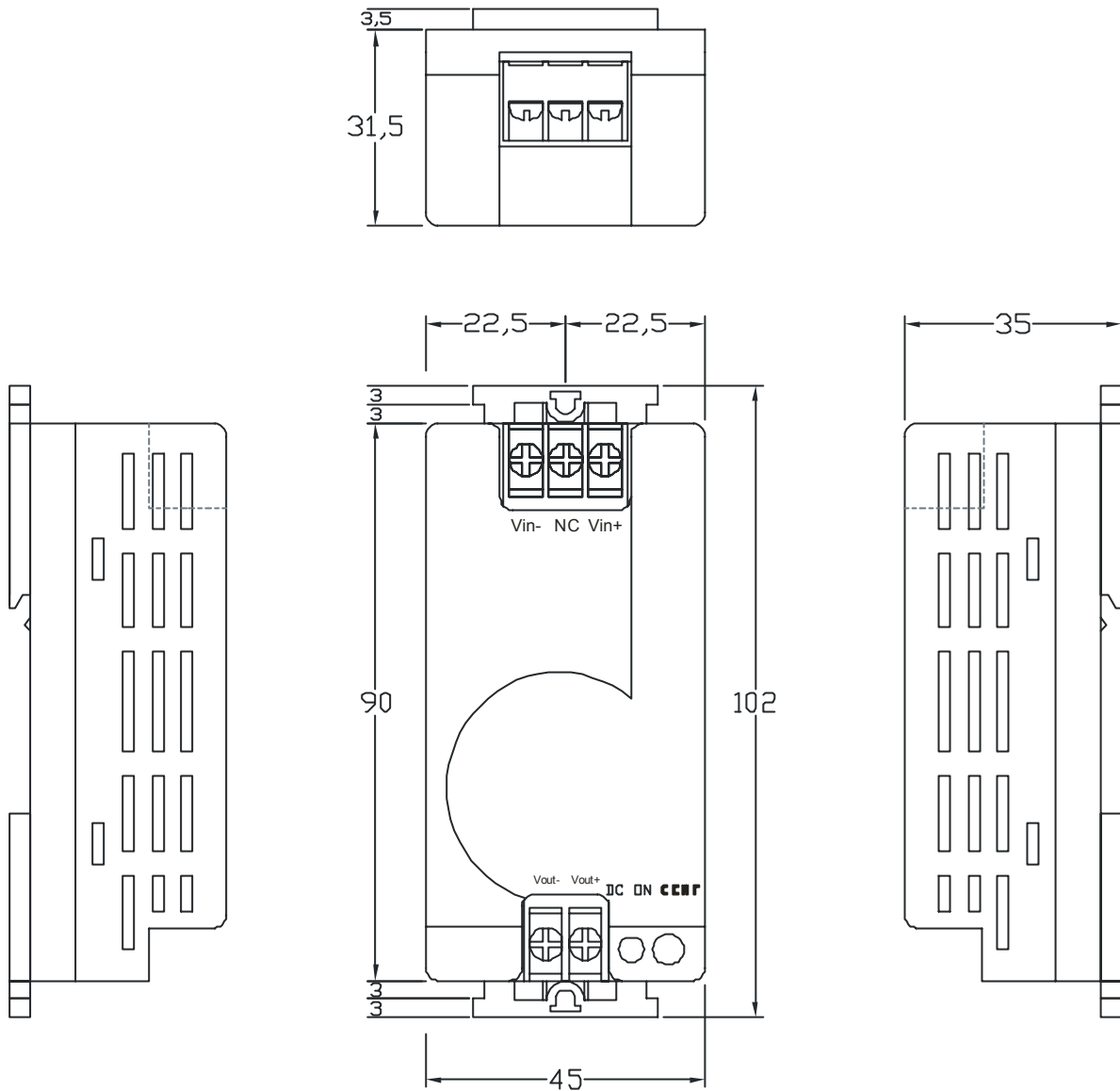
REIGN POWER'S SWITCHING POWER SUPPLY

REIGN POWER'S RP-CEMF MODULE





## Mechanical Details



CASE NO. : CS025D

UNIT : mm

DIMENSION : 102(H)\*35(D)\*45(W)

MATERIAL : PLASTIC

COLOR : GRAY

Symbol	Description
Vin+	DC Positive Input Terminal
Vin-	DC Ground Input Terminal
NC	No connection
Vout+	DC Positive Output Terminal
Vout-	DC Ground Output Terminal
DC ON	Blue LED Indicator
CEMF	Back Electromotive LED Indicator