



Clamp Electromotive Force Module

CEMF SERIES

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

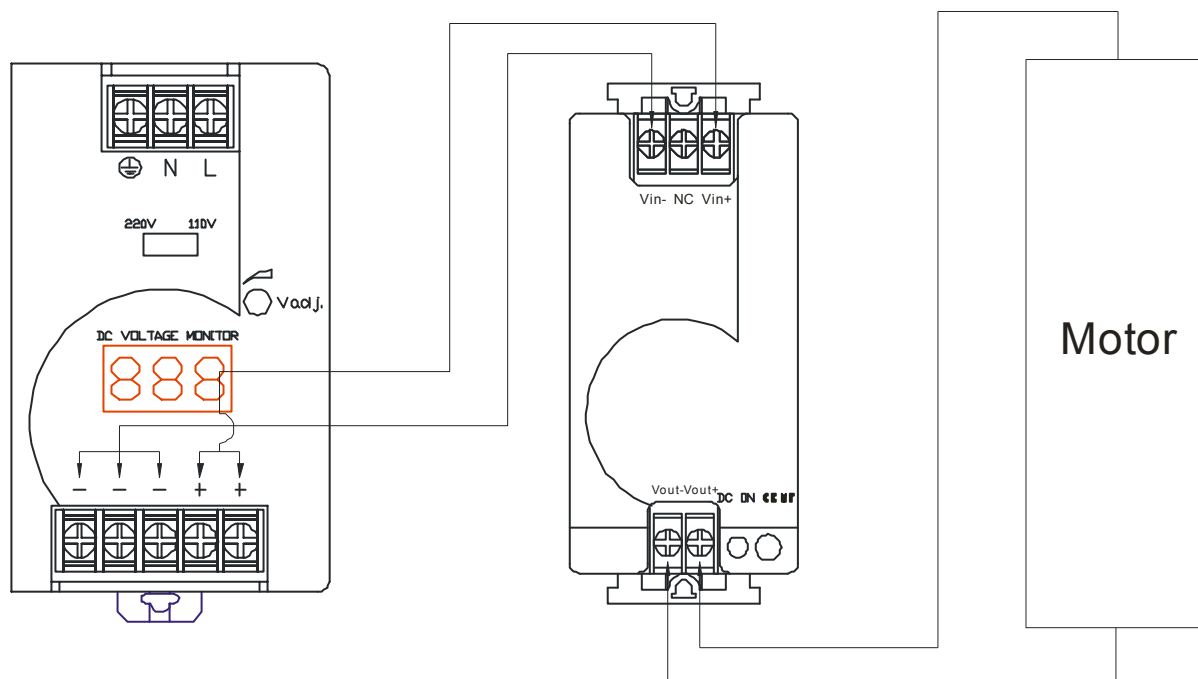


CE Marking

Application Circuit

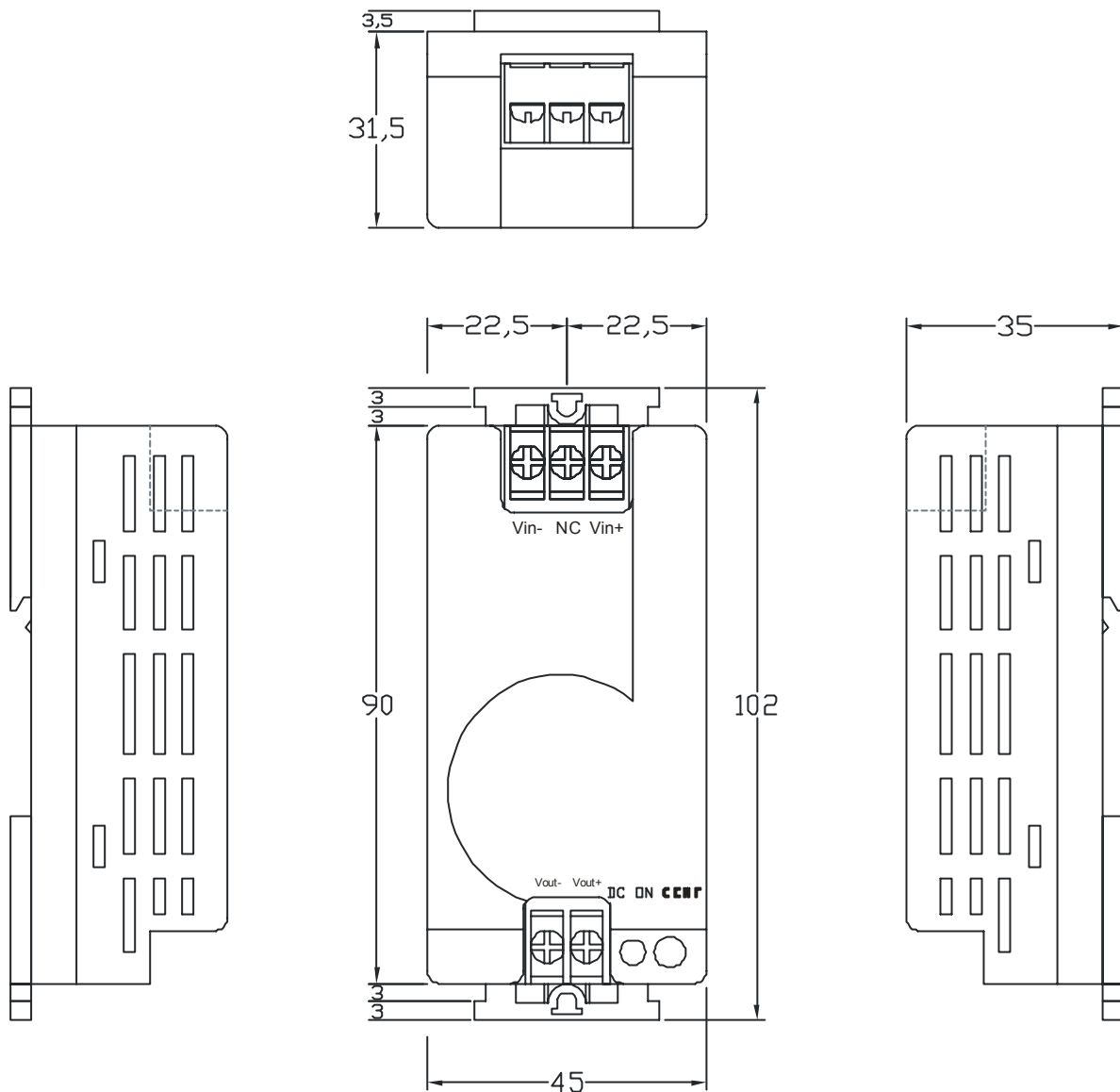
REIGN POWER'S SWITCHING POWER SUPPLY

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