

NPK – DC/DC convertor on 5V

Power supply module

Basic functions

- It provides +5V voltage for the power supply of the MMS family module if the input voltage is 12VDC, 24VDC or 48VDC
- Service converter TTL to RS485
- The automatic data control at the RS485 level
- LED indicator presents the current communication status on the serial side

Application

NPK module is used for the power supply of the MMS family devices if the input DC voltage is DC 12, 24 or 48 V.

Design

Cabur CH boxes (dimension WxDxH 24x85x121mm)



Connections

There are a 4-pin strip for the input on the bottom and a 2-pin strip for the power supply on the top.

Technical specifications

Operating temperature	0-50 °C
Operating humidity	5 to 95% RH
Power supply	
NPK12	9-18VDC
NPK24	18-36VDC
NPK24L	9-32VDC
NPK48	36-72VDC
Output power	15W

PIN Layout

CON.1		
PIN	Name	DESCRIPTION
14	Vin+	Input power +
15	Vin+	Input power +
16	Vin-	Input power -
17	Vin-	Input power -

CON.3		
PIN	Name	DESCRIPTION
21	+5V	Output power+
22	GND5V	Output power -