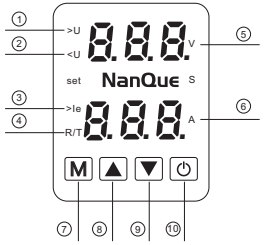
Parameters

Supply terminals	N, L
Rated supply voltage	AC100-240V
Raled frequency	40/50/60/70Hz
Functions	Over-voltage protection, Under-voltage protection, Over-current protection
>U Setting Range (V)	AC130-300; DC130-300, always in protection when set improperly, fault light on
<U Setting Range (V)	AC80-210; DC80-210, always in protection when set improperly, fault light on
>A Setting Range (A)	1-63(63A Version) 1-100(100A Version)
Over voltage trip delay	0.5s
Max.operating phase voltage	350V
Max.operating current	63A/100A
Altitude	≤2000m
Ambient temperature	-25~+50
Permlssable relative humidity	≤5 at 40(without condensation)
Storage temperature	-25~+55
Net weight	155g
Size	90.2*37.4*66.8mm
Torque for Wiring(N.m)	2.5
Installation	Standard DIN rail (35mm width), Panel bracket installation

Overview

NQVPD3J multi-function adjustable protector is used for household and industrial power equipment protection, the product have overvoltage undervoltage and overcurrent automatic power off protection and automatic recovery of power supply after voltage and current restore stable rated value. The protection process and restore power supply process without manual intervention, no maintenance is required. The performance of this equipment is stable, the voltage and current display accuracy is high, and the anti-interference ability is strong. It can be used for high-frequency interference lines AC power output section of photovoltaic system and frequency converter.

Front-face panel



For DC Power, there is no current display and settings function

① Over-voltage indicator
② Under-voltage indicator
③ Over-current indicator
④ Normal working indicator

⑤ Voltage / set code display

⑥ Current / set value display

⑦ Menu selection
⑧ Digit +/ Value add
⑨ Digit -/ Value increase
⑩ On/Off/Restore button

Certificate of quanlification

Model: NQVPD3J

Inspection: 02 **QC Pass**

Date of production: see out box

CE NanQue®

Wenzhou Nanque Electric Co., Ltd.

Xirendang Village, Liushi Town, Yueqing City, Wenzhou City, Zhejiang Province, China
www.nanquele.com

MADE IN CHINA

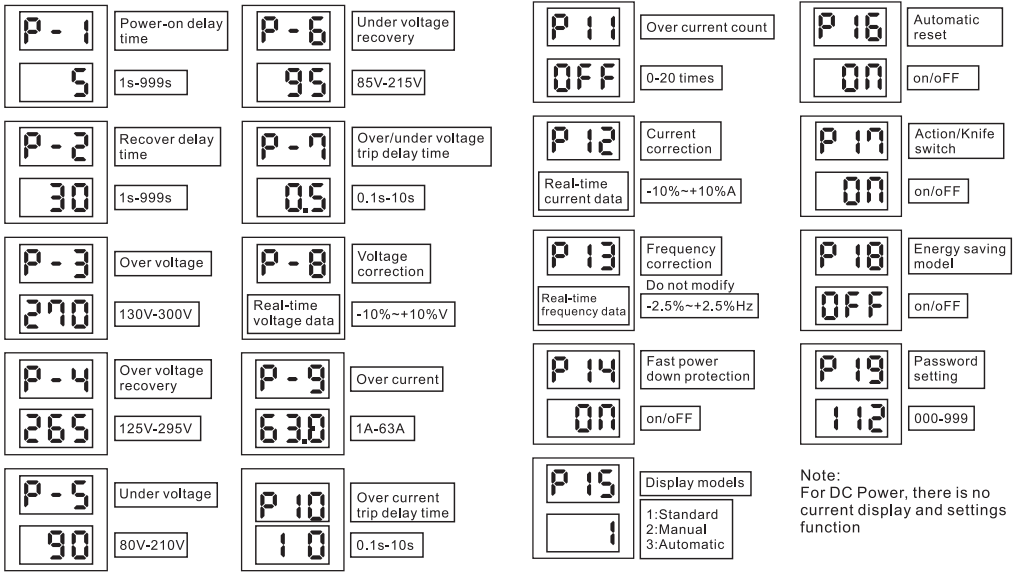
NQVPD3J

MUILTI-FUNCTION V/A PROTECTOR

Adjustable Power Protector

Instruction Manual

Setting menu



Note:
For DC Power, there is no current display and settings function

For example:

100V-127V power:
>V: Set the
P-3 to 150 (Default 270V),
P-4 to 145 (Default 265V)
<V: No need to set
(Suggest)

220V-240V power:
>V: No need to set
<V: Set the
P-5 to 170 (Default 90V),
P-6 to 175 (Default 95V)
(Suggest)

Power on

Function	Description
Power-on Self-test	Turn on the digital tube display 888, LED indicator light on for 1 second
Status Display	The first digit of the upper digital tube shows the OV protection status. 'y' : Turn on OV protection =: Turn off OV protection
	The second digit of the upper digital tube shows the UV protection status. 'y' : Turn on UV protection 2: Turn off UV protection
	The third digit of the upper digital tube shows the OC protection status. 'y' : Turn on OC protection-: Turn off OC protection
	The lower digital tube displays the frequency of the current power supply 50H/60H/dC
	Disclose the switch function, skip the status display
	Automatic reset is turned off, skip the status display
	The status display is constrained by the power-on delay. The power-on delay is greater than 3 seconds, and then the remaining power-on time is displayed.

Other operations

Function	Description
Restoration	In shutdown mode, press and hold the power button for more than 5S to reset all parameters.
Switching Display	Display mode 2: +,- key toggles
	Display mode 3: +,- key toggles
ON/OFF	Press the power button briefly to operate
Quick Voltage Adjustment	Power on status, quick click on the early key
Fast Adjustment Current	Power on status, quick click one button
Setting Error	When OV is set lower than UV, the protector will always be protected
Calibration Reference	When correcting voltage/current, the correction must be done with reference to a multimeter with RMS
Change setup lock password	Reservation

Warning

1. Do not use in humid places, as this may damage the internal circuits and cause electrical faults.
2. Do not connect to a circuit with a voltage exceeding the product's tolerance, otherwise the product may be damaged.
3. Do not open the product casing without authorization. If the product malfunctions, please contact the manufacturer in a timely manner.