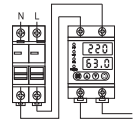


NSC

Double Display/Overvoltage/Undervoltage/
Overcurrent Reclosure
Instruction Manual
Model: NS04-2P-40/50/63/80A



Automatic reclosing adjustable
OV/UV & OC protector
Wiring diagram



Function
OV & OC protection
UV protection
Automatic reclosing lock
Voltage/current baseline
Adjustable voltage, over current trip and auto-reclosing times

TECHNICAL PARAMETERS

★ OV protection/closable	★ UV protection/closable	★ OC protection/closable	★ Continuous OC counting/closable	★ Wide Voltage	OV 130~300V, UV 80~210V, always in protection when set improperly, fault light on	★ Manual/Auto	★ Fast power failure protection	★ Switch Function	When the protection function is turned off, the relay keeps intact, but the switch button is still active.	★ Mode Display	VF, CF, VA, etc. can be switched by mode	★ Setup Lock	Prevent incorrect modification of parameters, can not protect	★ DC Mode	Current/power invalid when DC is used	★ Energy Saving Mode	Reduce LED brightness when protector is inactive to save energy	★ Embedded RTOs	Improve system performance and stability, with high maintainability	★ Effective Voltage Range	AC80-300 V	1%	Adjustable, high accuracy	★ Effective Current Range	AC40-800/1000 A	1%	Adjustable, high accuracy	★ Frequency Range	40-70 Hz	1%	Adjustable, high accuracy	★ Screen Refresh Rate	>1000 Hz	1%	Adjustable, high accuracy	★ Table Update	0.1-1.0 S	1%	Screen value update	★ Table Algorithm	RMS-RMS		The algorithm should be used for the utility grid	★ OVA/UV backlash	5		Fixed 5V backlash	★ Time Range	1~999 S	1%	User settings	★ Action Time	0.1-1.0 S	1%	User settings	★ DC Effective Range	DC80-300 V	1%	
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PRODUCT SETTINGS

No.	Option Code	Option	Max.	Min.	Default	Setting	Unit	Explain
P1	Pi	Power-On Delay	999	1	5	110	S	
P2	ti	Recovery Delay	999	1	30	110	S	
P3	uV	UV	300	130	270	110	V	Greater than 200 closing OV
P4	oV	OV Recovery Value	265	124	265	110	V	Skip this setting when OV is off
P5	uV	UV	210	80	170	110	V	Below 80 Close UV
P6	uV	UV Recovery Value	212	85	170	110	V	Skip this setting when UV is closed
P7	Uo	OC Action Delay	10.0	0.1	0.5	0.1-1.0	S	Long press setting is not recommended
P8	UAd	Voltage Correction	+10%	-100%	0	0-5%	V	Long press setting is not recommended
P9	oC	OC	40/80/130	1.0	0/80/130	0.1-1.0	A	Greater than 63.0 Close OC
P10	Ct	OC Action Delay	10.0	0.1	1.0	0.1-1.0	S	
P11	CC	Continuous OC Counting	20	0	0	1	time	0: Close Counting
P12	CAd	Current Correction	+10%	-100%	0	0-5%	A	Long press setting is not recommended
P13	fAd	Frequency Correction	+2.5%	-2.5%	0	0-19%	Hz	Modifying this value affects the accuracy of the timer
P14	FFd	Fast Power Failure Protection	ON	OFF	ON		MS	
P15	dS	Display Mode	3	1	1	1		1: Standard 2: Manual switching 3: Automatic switching
P16	Ar	Automatic Reset	ON	OFF	ON			ON: Self-recovery OFF: Manual recovery
P17	Act	Action/Switch Mode	ON	OFF	ON			ON: Protector works normally OFF: Switch mode
P18	EC	Energy-Saving Mode	ON	OFF	OFF			ON: ON OFF: OFF
P19	Loc	Setup Lock Code	999	000	112	110		If the value is not 112, the parameters can be checked but can not be set.

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 UV protection status. 'y' : Turn on UV protection -- Turn off UV 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/40C Indicate 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 on 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

INSTALLATION MENU

