

Supplier Declaration of Conformity (SDOC)

(in accordance with ISO/IEC 17050-1:2004)



SDoC Identification Number: NHPNLINE.007

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Product details:

Product model:

NHP NLINE Item Number: NL432PV

Description/Ratings:

Assembly of switch and dedicated individual enclosure— catalogue number	NL432PV
<i>I_{the}</i> rated thermal current, indoor, at 40°C shade ambient air temperature, in a specific dedicated enclosure	32 A
<i>I_{the}</i> rated thermal current outdoors at 40°C shade ambient air temperature without solar effects in a specific dedicated enclosure IP 66NW	32 A
<i>I_{the}</i> solar current value, outdoors at 60°C shade ambient air temperature, with solar effects in a specific dedicated enclosure rated IP 66NW	29 A
Method of operation	Independent manual operation (rotary)
Utilisation category	DC-PV2 / DC-21B
Number of poles	4
Polarity	No polarity
Suitable for isolation	Yes
<i>I_{the}</i> rated thermal current outdoors at 40°C shade ambient air temperature without solar effects in a specific dedicated enclosure IP 66NW (A)	32
Rated insulation voltage U_i (V)	1500
Rated impulse withstand voltage U_{imp} (kV)	8
Rated short-time withstand current I_{cw} (kA)	A2, A4: 1kA, 1s
	A2+2, A4B, A4O, A4U: 1.7kA, 1s
Cu cable cross section (mm ²)	Rigid solid/stranded: 4 – 16
	Flexible: 4 – 10
Cable Striping Length (mm)	12
IP rating (with / without pressure compensation device)	IP66NW
Pollution degree	3
Operating temperature (°C)	-40 to +85, suitable for indoor or outdoor use
Maximum ambient temperature (°C)	+70 (without derating)
Country of origin	PRC

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Connection Code*	U_e Rated Operational Voltage (V D.C.)	I_e ; DC-PV2 Rated Operational current (A)	$I_{(make)}$ and $I_{c(break)}$ DC-PV2 $4 \times I_e$ (A)
A2 (2 poles in series)	≤ 500	32	128
	600	32	128
	800	13	52
	1000	13	52
	1200	13	52
	1500	5	20
A2 + 2 (2 parallel poles in series)	≤ 500	55	220
	600	55	220
	800	13	52
	1000	13	52
	1200	13	52
	1500	6	24
A4 (2 poles in series)	≤ 500	32	128
	600	32	128
	800	13	52
	1000	13	52
	1200	13	52
	1500	5	20
A4B / A4O / A4U (4 poles in series)	≤ 500	32	128
	600	32	128
	800	32	128
	1000	32	128
	1200	32	128
	1500	23	92

The products listed above is in conformity with the following Standard(s)/Normative Documents:

Standard/Document:

AS 60947.3: 2018
IEC 60947-3:2008/AMD2:2015

Test reports/Certificates:

Certificate of Approval no.: AZ69024730
Test report No.: 1W220231

Product Markings:

Authorised Marking: RCM and TUV024730EA  TUV024730EA

Name: Christian James

Position: Product Development Manager

Date: 21/03/2022 **Signature of Authorised Person:** 