

Supplier Declaration of Conformity (SDOC)



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

SDoC Identification Number: NHPCPR.004

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Product details:

Product model:

CPRACC2MEG, CPRACC2MEO, CPRACC2MG, CPRACC2MO
CPRACC3MEG, CPRACC3MEO, CPRACC3MG, CPRACC3MO
CPRACC4MEG, CPRACC4MEO
CPRACC5MEG, CPRACC5MEO
CPRACC6MEG, CPRACC6MEO
CPRACC7MEG, CPRACC7MEO
CPRACC8MEG, CPRACC8MEO
CPRACC9MEG, CPRACC9MEO

CPRACC24G, CPRACC24O
CPRACC48G, CPRACC48O
CPRACC72G, CPRACC72O

Description/Ratings:

Pole Capacity: N/A, 24, 48, 72
Current Rating I_{nA} : N/A
Main Switch: N/A
Busbar Rating: N/A
IP Rating: 6G
Short circuit rating I_{cp} : N/A
Rated Diversity Factor RDF: N/A
Rated Operational Voltage U_e : 230/400 – 240/415V 50 Hz
Form of Separation: N/A
Impact Rating: IK 10

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

Standard/Document:

- AS/NZS: 61439.1:2016, Annex D Table D.1 List of design verification to be performed
- AS/NZS: 61439.2:2016, CL10 Design verification
- AS/NZS: 61439.3:2016, CL10 Design verification (Product is marked AS/NZS 61439.3)

Test reports/Certificates:

No.	Characteristic to be verified	Clause or Subclause	Tested	Comparison with a reference design	Assessment	Test Report (s) / Comments
	Strength of Material and parts	10.2				
	Resistance to corrosion	10.2.2	✓			CE TR2945B
	Properties of insulating materials	10.2.3				
	Thermal stability	10.2.3.1				Assessed and deemed not required as enclosure is metallic
1	Resistance to abnormal heat and fire due to internal electric effects	10.2.3.2	✓			TUV50203205001
	Resistance to UV radiation	10.2.4	✓			CE TR2945C
	Lifting	10.2.5				Assessed and deemed not required as there are no specific lifting points
	Mechanical impact	10.2.6	✓			TUV AU216R1D001
	Marking	10.2.7	✓			NHP202104-01

■ = Not allowed

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No.	Characteristic to be verified	Clause or Subclause	Tested	Comparison with a reference design	Assessment	Test Report (s) / Comments
2	Degree of protection of enclosures	10.3	✓			TUV50093297001
3	Clearance	10.4	✓			NHP202105-08 *
4	Creepage Distances	10.4	✓			NHP202105-07 *
	Protection against electric shock and integrity of protective circuits	10.5				
5	Effective continuity between the exposed conductive part of the assemble and the protective circuit	10.5.2	✓			Tested and passed by TÜV Rheinland Australia, awaiting final test report number *
	Short circuit withstand strength of the protective circuit	10.5.3	✓	✓		TUV 50074477001 & TUV AU21SXHF001 *
6	Incorporating of switching devices and components	10.6				Assessed and deemed not required as there are no included switching devices
7	Internal electrical circuits and connections	10.7				Assessed and deemed not required as there are no included electrical devices
8	Terminals for external conductors	10.8				Assessed and deemed not required as there are no included electrical devices (terminals)
	Dielectric Properties	10.9				
9	Power-frequency withstand voltage	10.9.2				Assessed and deemed not required as there are no included electrical devices
	Impulse withstand voltage	10.9.3				Assessed and deemed not required as there are no included electrical devices
10	Temperature-rise limits	10.10				Assessed and deemed not required as there are no included electrical devices
11	Short-circuit withstand strength	10.11				Assessed and deemed not required as there are no included electrical devices
12	Electro magnetic compatibility (EMC)	10.12				Assessed and deemed not required, incorporated installed devices comply with EMC requirements
13	Mechanical operation	10.13	✓			NHP202105-06
	Mechanical strength or fastening mean of enclosures	10.101	✓			NHP202104-02
	Fixing in position of pole fillers to comply IP2XC of 8.2.2	10.102	✓			NHP202104-03

* When used with NHP accessories

■ = Not allowed

Name: Jamie Goddard
Position: Product Manager—Distribution systems and Protection
Date: 20/05/2021



Signature of Authorised Person