DNV·GL

Certificate No:
TAE00001WC

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Circuit Breaker

with type designation(s)
NG125a, NG125N, NG125H and NG125L

Issued to
Schneider Electric Industries SAS
GRENOBLE, France

is found to comply with
DNV GL rules for classification – Ships, offshore units, and high speed and light craft

Application :

Miniature Circuit Breakers

Rated Voltage (V)	**240 - 525**
Rated Current (A)	**10 - 125**
Frequency (Hz)	**50 - 60 and DC**

Issued at **Høvik** on **2017-04-17**

This Certificate is valid until **2022-03-17**.
DNV GL local station: **DNV Marseille**

Approval Engineer: **Nicolay Horn**

for **DNV GL**

Digitally Signed By: Andreas Kristoffersen
Location: DNV GL Høvik, Norway
Signing Date: 2017-04-18

Andreas Kristoffersen
Head of Section

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid.
The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.

Name and Place of manufacturer

MERLIN GERIN ALES
ZI de Croupillac BP229
ALES – France

Product description

Product type	Number of poles	Rated Voltage (V)	Courbes (*)	Maximum operating current (A)	Breaking Capacity (Ics = 75%Icu)	
					Icu/Ics (kA)	**U (V)**
NG125a	3, 3+N, 4	415	B, C, D	80 - 125A	30,7/23 kA	240V
					16/12 kA	415V
NG125N	1	240 / 415	B, C, D	10 - 80A	50,7/38 kA	130V
					25,3/19 kA	240V
					6,7/5 kA	415V
	2, 3, 3+N, 4	240/415/525	B, C, D	10 - 125A	50,7/38 kA	240V
					25,3/19 kA	415V
					8/6 kA	525V
NG125H	1	240	B, C, D	10 - 80A	70,7/53 kA	130V
					36/27 kA	240V
	2	240/415/525	B, C, D	10 - 80A	70,7/53 kA	240V
					36/27 kA	415V
					30,7/23 kA	440V
					12/9 kA	525V
	3, 3+N, 4	240/415/525	B, C, D	10 - 80A	70,7/53 kA	240V
					36/27 kA	415V
					30,7/23 kA	440V
					10,7/8 kA	525V
NG125L	1	240	B, C, D	10 - 80A	100/75 kA	130V
					50,7/38 kA	240V
	2	240/415/525	B, C, D	10 - 80A	100/75 kA	240V
					48/36 kA	415V
					40/30 kA	440V
					14,7/11 kA	525V
	3, 3+N, 4	240/415/525	B, C, D	10 - 80A	100/75 kA	240V
					48/36 kA	415V
					40/30 kA	440V
					12/9 kA	525V

(*) Curves: B = Ii = 4In C = Ii = 8In D = Ii = 12In

Product type	Number of poles	Rated Voltage (V)	Courbes (*)	Maximum operating current (A)	Breaking Capacity (Ics = 75%Icu)	
					Icu / Ics (kA)	U (V)
NG125a	3	350	C	80 to 125	40	350
NG125N	1	125	C	10 to 80	25	125
	2	250	C	10 to 80	25	250
	4	500	C	10 to 125	25	500
	3+N	500	C	10 to 125	25	500
NG125H	1	125	C	10 to 80	36	125
	2	250	C	10 to 80	36	250
	4	500	C	10 to 80	36	500
	3+N	500	C	10 to 80	36	500
NG125L	1	125	C	10 to 80	50	125
	2	250	C	10 to 80	50	250
	4	500	C	10 to 80	50	500
(*) Curve:		C = Ii = 8In				

Application/Limitation

The manufacturer's instructions to be observed.

Suitable for use in an IT system with a capacity of 1.2 times the maximum trip current at 440 V AC (IEC 60947-2, Annex H).

Type Approval documentation

Volta test report no. 201507225 00V1 dated 2015-02-01
Schneider Electric test reports no. RI_201403643_001 dated 2014-06-05, RI_201401175_001 dated 2014-03-11, RI_201308108_001 dated 2013-11-13 & RI_201306955_001 dated 2013-10-09.
TILVA test report no. C009-CB-2007CQC-013702-A1 issued 2007-12-12,
Test report No. 2007-0180-00 a issued 2007-03-27.
Schneider Electric Certification file NG125 dated 2001-06-28.

Tests carried out

Type tests according to IEC 60947-2 (2006+A1:2009). Environmental test in accordance to "Guidelines for the Performance of Type Approvals (2003)".

Marking of product

Schneider Electric – Multi 9 NG 125a, N, H, L – 415 V AC – 500 V DC – 10 to 125 Amps.

Periodical assessment

The scope of the periodical assessment is to verify that the conditions stipulated for the Type approval is complied with and that no alterations are made to the product design or choice of materials.

The main elements of the assessment are:

- Inspection on factory samples, selected at random from the production line (where practicable)

- Results from d Routines (RT) checked (if not available tests RT to be carried out)
- Review of type approval documentation
- Review of possible change in design, materials and performance
- Ensuring traceability between manufacturer's product type marking and Type Approval Certificate

Periodical asessment to be performed at 2 and 3.5 years and at renewal.

END OF CERTIFICATE