

LICENCE

No. 20170 replaces No.17043

Issued to:
Applicant:
Schneider Electric NV/SA
Dieweg 3
1180 BRUSSEL
Belgium

Licensee:
Schneider Electric NV/SA
Dieweg 3
1180 BRUSSEL
Belgium



Product : circuit-breakers for overcurrent protection
Trade name(s) : SCHNEIDER ELECTRIC
Type(s)/model(s) : iT60N

The product and any acceptable variation thereto is specified in the annex to this licence and the documents therein referred to.

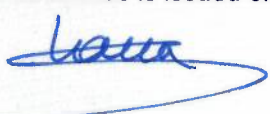
SGS CEBEC hereby declares that the above-mentioned product has been certified on the basis of:

- a type test according to the standard specified in annex
- an inspection of the production location
- a certification agreement with the number 12

SGS CEBEC hereby grants the right to use the CEBEC certification mark

The CEBEC certification mark may be applied to the product as specified in this licence for the duration of the CEBEC certification agreement and under the conditions of the CEBEC certification agreement.

This licence is issued on: 07/12/2016


ir. C. Lana,
Certification Manager

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This certificate is only valid combined with the publication on the following web address: www.sgs.com/ee



SPECIFICATION OF THE CERTIFIED PRODUCT

Product data

Product	:	circuit-breakers for overcurrent protection
Trade name(s)	:	SCHNEIDER ELECTRIC
Type(s)/Model(s)	:	iT60N
rated operational voltage (Ue)	:	133V / 240V / 415V / 440V
number of poles	:	1P, 2P, 3P & 4P
rated current (In)	:	1 A up to 63 A
nature of supply	:	AC
rated frequency	:	50/60 Hz
rated service short-circuit current (Ics)	:	From 1 A up to 4 A: 100 % Icu From 6 A up to 63 A : 75% Icu
rated short-circuit capacity (Icu)	:	1P - 1 to 4 A: 133V/50kA 240V/50kA 2P, 3P, 4P - 1 to 4 A: 133V/50kA 240V/50kA 415V/50kA 440V/25kA
rated short-circuit capacity (Icu) (cont'd)	:	1P - 6 to 63 A: 133V/20kA 240V/10kA 2P, 3P, 4P - 6 to 63 A: 133V/20kA 240V/20kA 415V/10kA 440V/6kA
method of operation	:	independent manual operation
suitability for isolation	:	yes
utilization category	:	A
distance metal screen to side circuit-breaker:	:	20 mm
distance metal screen to terminals	:	20 mm
terminals	:	pilar terminals

Additional information

See Appendix

TESTS

Test requirements

NBN EN 60947-2 based on EN 60947-2:2006 + A1:2009 + A2:2013

Test results

The test results are laid down in certification file ref.624996/01

Remarks

This certificate is based on certificates ref. STR-FR 652073A and CB FR 652073B and test reports ref. 125733-652073, 125733-652075, 125733-652075/1 to /3 & 5010831-4402-0001/118536-(2), 5010831-4402-0001/148759 and 5010831-4402-0001/155559-(4)

Some references of the MCB's Series iT60N are also in compliance with EN 60898-1 standards. Therefore, these products have a specific markings and a special calibration in order to cover the thermal tripping characteristic according to EN 60947-2 and EN 60898-1 standards.

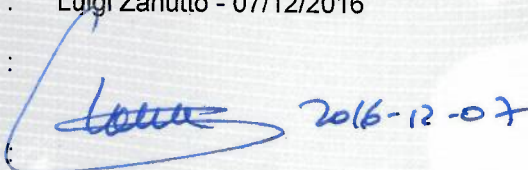
Conclusion

The examination proved that all test requirements were met.

Checked by, project leader : Luigi Zanutto - 07/12/2016

Department Manager,
Product Certification :

Certification Manager :



Luigi Zanutto 2016-12-07

FACTORY LOCATION(S)

Merlin Gerin Alès
1, rue Maurice Ravel
Zone Industrielle de Croupillac
30319 ALES CEDEX
France

PRODUCTS REFERENCES :

Series : iT60N

<u>References</u>	<u>Number of poles</u>	<u>I_{cn}</u> <u>IEC 60898</u> <u>(A)</u>	<u>Instantaneous tripping current I_i</u> (A)	<u>Rated current I_n</u> (A)	<u>I_{cu}</u> <u>IEC 60947-2</u> <u>(A)</u>
A9F68101	1P	6 kA	8In (C)	1	50 kA
A9F68102	1P	6 kA	8In (C)	2	50 kA
A9F68103	1P	6 kA	8In (C)	3	50 kA
A9F68104	1P	6 kA	8In (C)	4	50 kA
A9F68106	1P	6 kA	8In (C)	6	20kA/10 kA
A9F68110	1P	6 kA	8In (C)	10	20kA/10 kA
A9F68116	1P	6 kA	8In (C)	16	20kA/10 kA
A9F68120	1P	6 kA	8In (C)	20	20kA/10 kA
A9F68125	1P	6 kA	8In (C)	25	20kA/10 kA
A9F68132	1P	6 kA	8In (C)	32	20kA/10 kA
A9F68140	1P	6 kA	8In (C)	40	20kA/10 kA
A9F68150	1P	6 kA	8In (C)	50	20kA/10 kA
A9F68163	1P	6 kA	8In (C)	63	20kA/10 kA
A9F68201	2P	6 kA	8In (C)	1	50kA/25kA
A9F68202	2P	6 kA	8In (C)	2	50kA/25kA
A9F68203	2P	6 kA	8In (C)	3	50kA/25kA
A9F68204	2P	6 kA	8In (C)	4	50kA/25kA
A9F68206	2P	6 kA	8In (C)	6	20kA/10kA/6kA
A9F68210	2P	6 kA	8In (C)	10	20kA/10kA/6kA
A9F68216	2P	6 kA	8In (C)	16	20kA/10kA/6kA
A9F68220	2P	6 kA	8In (C)	20	20kA/10kA/6kA
A9F68225	2P	6 kA	8In (C)	25	20kA/10kA/6kA
A9F68232	2P	6 kA	8In (C)	32	20kA/10kA/6kA
A9F68240	2P	6 kA	8In (C)	40	20kA/10kA/6kA
A9F68250	2P	6 kA	8In (C)	50	20kA/10kA/6kA
A9F68263	2P	6 kA	8In (C)	63	20kA/10kA/6kA

<u>References</u>	<u>Number of poles</u>	<u>I_{cn}</u> <u>IEC 60898</u> <u>(A)</u>	<u>Instantaneous tripping current I_i</u> (A)	<u>Rated current I_n</u> (A)	<u>I_{cu}</u> <u>IEC 60947-2</u> <u>(A)</u>
A9F68301	3P	6 kA	8I _n (C)	1	50kA/25kA
A9F68302	3P	6 kA	8I _n (C)	2	50kA/25kA
A9F68303	3P	6 kA	8I _n (C)	3	50kA/25kA
A9F68304	3P	6 kA	8I _n (C)	4	50kA/25kA
A9F68306	3P	6 kA	8I _n (C)	6	20kA/10kA/6kA
A9F68310	3P	6 kA	8I _n (C)	10	20kA/10kA/6kA
A9F68316	3P	6 kA	8I _n (C)	16	20kA/10kA/6kA
A9F68320	3P	6 kA	8I _n (C)	20	20kA/10kA/6kA
A9F68325	3P	6 kA	8I _n (C)	25	20kA/10kA/6kA
A9F68332	3P	6 kA	8I _n (C)	32	20kA/10kA/6kA
A9F68340	3P	6 kA	8I _n (C)	40	20kA/10kA/6kA
A9F68350	3P	6 kA	8I _n (C)	50	20kA/10kA/6kA
A9F68363	3P	6 kA	8I _n (C)	63	20kA/10kA/6kA
A9F68401	4P	6 kA	8I _n (C)	1	50kA/25kA
A9F68402	4P	6 kA	8I _n (C)	2	50kA/25kA
A9F68403	4P	6 kA	8I _n (C)	3	50kA/25kA
A9F68404	4P	6 kA	8I _n (C)	4	50kA/25kA
A9F68406	4P	6 kA	8I _n (C)	6	20kA/10kA/6kA
A9F68410	4P	6 kA	8I _n (C)	10	20kA/10kA/6kA
A9F68416	4P	6 kA	8I _n (C)	16	20kA/10kA/6kA
A9F68420	4P	6 kA	8I _n (C)	20	20kA/10kA/6kA
A9F68425	4P	6 kA	8I _n (C)	25	20kA/10kA/6kA
A9F68432	4P	6 kA	8I _n (C)	32	20kA/10kA/6kA
A9F68440	4P	6 kA	8I _n (C)	40	20kA/10kA/6kA
A9F68450	4P	6 kA	8I _n (C)	50	20kA/10kA/6kA
A9F68463	4P	6 kA	8I _n (C)	63	20kA/10kA/6kA