

LICENCE

No. 23053 replaces No.22875

Issued to:
Applicant:
ABB S.p.A.
Via Vittor Pisani, 16
20124 MILANO
Italy

Licensee:
ABB S.p.A.
Via Vittor Pisani, 16
20124 MILANO
Italy



Product : residual current operated circuit-breakers (rccb)
Trade name(s) : ABB VYNCKIER
Type(s)/model(s) : RCCB VYA-A ... and VY-S ... Series

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

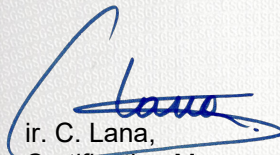
SGS CEBEC hereby declares that the above-mentioned product has been certified on the basis of:

- a type test according to the standard specified in annex
- an inspection of the production location
- a certification agreement with the number 1076

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 : 10/04/2024


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

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SGS Belgium NV-Division SGS CEBEC
Business Riverside Park
Bld Internationalelaan 55 Build. A
B-1070 Brussels
Tel.+32(0)2 556 00 20 Fax.+32(0)2 556 00 36

This certificate is issued by the company under its General Conditions for Certification Services accessible at http://www.sgs.com/terms_and_conditions.htm. Attention is drawn to the limitations of liability defined therein and in the Test Report herein mentioned which findings are reflected in this Certificate. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SPECIFICATION OF THE CERTIFIED PRODUCT

Product data

Product	:	residual current operated circuit-breakers (rccb)
Trade name(s)	:	ABB VYNCKIER
Type(s)/Model(s)	:	RCCB VYA-A ... and VY-S ... Series
rated current (In)	:	16 A, 25 A, 40A and 63A
rated voltage (Un)	:	230 Vac / 400 Vac
number of poles	:	2 P / 3P + N
rated residual current (Idn)	:	10mA, 30 mA and 300 mA
residual current type	:	A and A/S
rated short-circuit current (Icn)	:	10000 A
rated cond. residual short-circuit current (Idc)	:	10000 A
rated making and breaking capacity (Im)	:	500 A / 10 x In
rated residual making and breaking capacity (Idm)	:	500 A / 10 x In
safety distance 'a'	:	35 mm
rated ambient temperature (ta)	:	-25°C (EN) or -5°C (IEC) /+40°C
method of mounting	:	DIN - rail mounted
terminals	:	Pillar terminal
additional information	:	reference VYA4xx/030PN have the circuit of the test device connected between L and N terminals.

Additional information

See Appendix

TESTS

Test requirements

NBN EN 61008-1 based on EN 61008-1:2012 + A1:2014 + A2:2014 + A11:2015 + A12:2017

Test results

The test results are laid down in certification file ref.633697/02

Remarks

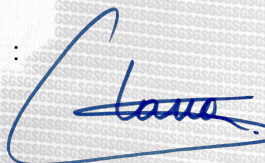
This certificate is based on certificate ref. STR/2688/IMQ and STR/2674/IMQ and test report(s) ref. PB24-0101357-01 and PB23-0091081-01-00 up to 18, PB23-0091092-01-00 up to 04

Conclusion

The examination proved that all certification requirements were met.

Reviewed by, project leader : Silvio Piras - 10/04/2024

Certification Manager :



2024-04-10

FACTORY LOCATION(S)

ABB S.p.A.
Via Ardeatina, 2491
00134 Santa Palomba (ROMA)
Italy

Products References:**Type reference of the RCCBs VY-A series and related ratings**

Number of poles	Rated voltage	Type	Rated residual current	Rated current	$I_m / I_{\Delta m}$	Type reference
2P	230 V	A	10 mA	16 A	500 A	VYA216/010
			30 mA	25 A	500 A	VYA225/030
				40 A	500 A	VYA240/030
				63 A	630 A	VYA263/030
			300 mA	25 A	500 A	VYA225/300
				40 A	500 A	VYA240/300
				63 A	630 A	VYA263/300
3P+N	400 V	A	30 mA	25 A	500 A	VYA425/030
				40 A	500 A	VYA440/030
				63 A	630 A	VYA440/030PN
			300 mA	25 A	500 A	VYA463/030
				40 A	500 A	VYA463/030PN
				63 A	630 A	VYA463/030
				63 A	630 A	VYA463/030PN

Type reference of the RCCBs VY-S series and related ratings

Number of poles	Rated voltage	Type	Rated residual current	Rated current	$I_m / I_{\Delta m}$	Type reference
2P	230 V	AS	300 mA	40 A	500 A	VYS240/300
				63 A	630 A	VYS263/300
3P+N	400 V	AS	300 mA	40 A	500 A	VYS440/300
				63 A	630 A	VYS463/300