LICENCE

No. 22509

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	:	rccb's with overcurrent protection (rcbo)
Trade name(s)	:	ABB
Type(s)/model(s)	:	Series DS301C

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 : 15/04/2022

ir. C. Lana,
Certification Manager

005-PROD

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

SPECIFICATION OF THE CERTIFIED PRODUCT

Product data

Product	:	rccb's with overcurrent protection (rcbo)
Trade name(s)	:	ABB
Type(s)/Model(s)	:	Series DS301C
number of poles	:	1P+N
rated voltage (Un)	:	230 V
nature of supply	:	AC
rated frequency	:	50 Hz
rated current (In)	:	6 up to 20 A
range of instantaneous tripping overcurrent (curve)	:	B, C
rated residual current (Idn)	:	30 mA
residual current type	:	A - AC
rated residual making and breaking capacity (Idm)	:	4500 A or 6000 A
rated short-circuit current (Icn)	:	6000 A
energy limiting class	:	3
safety distance 'a'	:	35 mm
method of operation	:	independent of the line
method of mounting	:	distribution board
terminals	:	with stirrup
rated ambient temperature (ta)	:	-25°C to +40 °C
protection against electric shock	:	IP 20

Additional information

See Appendix

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TESTS

Test requirements

NBN EN 61009-1 based on EN 61009-1:2012 + A11:2015 + A1:2014 + A2:2014

Test results

The test results are laid down in certification file ref.632762/01

Remarks

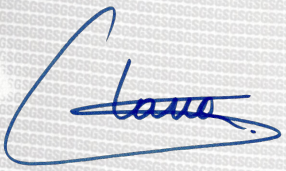
This certificate is based on certificate ref. NTR/31148/IMQ and test report(s) ref. PB21-0070707-01-00, PB21-0070707-01-01 to PB21-0070707-01-11 and PB21-0070715-01

Conclusion

The examination proved that all certification requirements were met.

Reviewed by, project leader : Silvio Piras - 15/04/2022

Certification Manager :



2022-04-15

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Tel.+32(0)2 556 00 20 Fax.+32(0)2 556 00 36

FACTORY LOCATION(S)

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

Product References:

RCBOs Series DS301C

Type reference	Curve	Rated current (I_n)	Type	Rated residual operating current ($I_{\Delta n}$)	Rated residual making and breaking capacity ($I_{\Delta m}$)
2CSR255163R1065 (1) 2CSR255163U1065 (2)	B	6 A	A	30 mA	6000 A
2CSR255163R1105 (1) 2CSR255163U1105 (2)	B	10 A	A	30 mA	6000 A
2CSR255163R1135 (1) 2CSR255163U1135 (2)	B	13 A	A	30 mA	6000 A
2CSR255163R1165 (1) 2CSR255163U1165 (2)	B	16 A	A	30 mA	6000 A
2CSR255163R1205 (1) 2CSR255163U1205 (2)	B	20 A	A	30 mA	4500 A
2CSR255163R1064 (1) 2CSR255163U1064 (2)	C	6 A	A	30 mA	6000 A
2CSR255163R1104 (1) 2CSR255163U1104 (2)	C	10 A	A	30 mA	6000 A
2CSR255163R1134 (1) 2CSR255163U1134 (2)	C	13 A	A	30 mA	6000 A
2CSR255163R1164 (1) 2CSR255163U1164 (2)	C	16 A	A	30 mA	6000 A
2CSR255163R1204 (1) 2CSR255163U1204 (2)	C	20 A	A	30 mA	4500 A
2CSR255063R1065 (1) 2CSR255063U1065 (2)	B	6 A	AC	30 mA	6000 A
2CSR255063R1105 (1) 2CSR255063U1105 (2)	B	10 A	AC	30 mA	6000 A
2CSR255063R1135 (1) 2CSR255063U1135 (2)	B	13 A	AC	30 mA	6000 A
2CSR255063R1165 (1) 2CSR255063U1165 (2)	B	16 A	AC	30 mA	6000 A
2CSR255063R1205 (1) 2CSR255063U1205 (2)	B	20 A	AC	30 mA	4500 A
2CSR255063R1064 (1) 2CSR255063U1064 (2)	C	6 A	AC	30 mA	4500 A
2CSR255063R1104 (1) 2CSR255063U1104 (2)	C	10 A	AC	30 mA	4500 A
2CSR255063R1134 (1) 2CSR255063U1134 (2)	C	13 A	AC	30 mA	4500 A
2CSR255063R1164 (1) 2CSR255063U1164 (2)	C	16 A	AC	30 mA	4500 A
2CSR255063R1204 (1) 2CSR255063U1204 (2)	C	20 A	AC	30 mA	3000 A

(1)– RCBOs sold in single packs

(2)– RCBOs sold in packs of many