



TYPE APPROVAL CERTIFICATE
No. ELE183124CS

This is to certify that the product below is found to be in compliance with the applicable requirement of the RINA type approval system.

<i>Description</i>	Circuit breaker
<i>Type</i>	iC40
<i>Applicant</i>	SCHNEIDER ELECTRIC INDUSTRIES SAS 31 Rue Pierre Mendès France - Eybens 38050 Grenoble Cedex 9 France
<i>Manufacturer</i>	SCHNEIDER ELECTRIC MERLIN GERIN Alès
<i>Place of manufacture</i>	16 Boulevard Charles Péguy 30319 Ales (OR) FRANCE
<i>Reference standards</i>	IEC 60947-1:2007 + AMD1:2010 + AMD2:2014; IEC 60947-2:2016 + AMD1:2019; RINA Rules for the Classification of Ships - Part C- Machinery, Systems and Fire Protection - Ch.3 , Sect. 6, Table 1

Issued in **Genoa** on **August 26, 2024**. *This Certificate is valid until* **August 25, 2029**

RINA Services S.p.A.
Luigi Benedetti

This certificate consists of this page and 1 enclosure

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iC40

iC 40 miniature circuit breakers main features

Product name	Poles	Rating Ith(A)	Rated Voltage Ue (V)	Tripping Curve	Breaking capacity Icu/Ics (kA)	CB Certificates
iC40	1P+N	6,10,13,16,20,25,32,40	230	B	6/4,5	IT-23231
		2,4,6,10,13,16,20,25,32,40		C	6/4,5	IT-23231
	3P	6,10,13,16,20,25,32,40	400	C,D	6/4,5	IT-18864
	3P+N	6,10,16,25,32,40		B,C,D	6/4,5	IT-24331
iC40N	1P+N	6,10,13,16,20,25	230	B	10/7,5	IT-23232
		32,40			10/5	IT-23232
		2,4,6,10,13,16,20,25		C	10/7,5	IT-23232
		2,6,10,13,16,20,25			10/7,5	IT-23232
	3P	6,10,13,16,20,25,40	400	C,D	10/5	IT-23232
		32,40			10/5	IT-23232
		6,10,13,16,20,25,40		C,D	10/7,5	IT-18865
		6,10,13,16,20,25			10/7,5	IT-24332
iC40F	1P+N	2,4,6,10,13,16,20,25,32,40	230	C	6/4,5	IT-23231

Ue Rated operational Voltage

Ith Conventional free air thermal current

Icu Rated ultimate short circuit breaking capacity

Ics Rated service short-circuit capacity

Technical specification:

Product data sheet 1-1223-2B

Certificate no. 195538-U-A - ISO 9001:2015

F-Lab Volta & Amplitude

Climatic Test:

Test Report no. 201805250_006 (26/10/2018), 201805250_007 (28/09/2018), 201805250_008 (05/10/2018), RK06140-0 (30/07/2018)

CB Test Certificate:

IT-23231 (2022-10-14); IT-23232 (2022-10-14); IT-23332 (2024-01-09); IT-18864 (2018-04-09); IT-18865 (2018-04-09);

IEC IECEE (IMQ Test Reports):

PB16-0012452-04-00 (14-06-2018); PB16-0012452-04-01 (14-06-2018); PB16-0012452-04-02 (14-06-2018); PB17-0016272-03 (EMC) (02-07-2018); PB19-0035506-04-00 (15-02-2019); PB19-0035506-04-01 (15-02-2019); PB19-0035506-04-02 (15-02-2019); PB19-0047483-02 (03-04-2020); PB23-0093503-01 (EMC) (21-11-2023)

PB16-0012452-01_ECS (21-03-2018)

PB19-0035506-01-00; PB19-0035506-01-01; PB19-0035506-01-02 (01-02-2019);

Report PB16-0012452-01-00; from PB16-0012452-01-01 to PB16-0012452-01-42 (21-03-2018);

Report PB16-0012452-02-00; from PB16-0012452-02-01 to PB16-0012452-02-60 (21-03-2018);

Test Report Summary no.CVPB16-0012452-02 (21-03-2018);

PB19-0035506-02-00; PB19-0035506-02-01; PB19-0035506-02-02 (01-02-2019);

Test Report Summary no. CVPB19-0035506-02 (01-02-2019);

Report PB19-0045933-04-00 (08-11-2019);

Report PB22-0079476-01-02 (12-09-2022);

IEC IECEE (IMQ Test Reports):

Report PB16-0012452-05-00; from PB16-0012452-05-01 to PB16-0012452-05-33 (01-03-2018);

Report PB16-0012452-06-00; from PB16-0012452-06-01 to PB16-0012452-06-37 (01-03-2018);

Report PB16-0012452-04-00; from PB16-0012452-04-01 to PB16-0012452-04-36 (14-06-2018);

PB19-0035506-04-00; PB19-0035506-04-01; PB19-0035506-04-02 (15-02-2019);

PB19-0047483-02 (03-04-2020)

PB23-0093502-02 (22-11-2023)

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2nd Place of Production:

Schneider Electric Hungary Villamosagi ZRt. (GSC)

Merlin Gerin Zala Kft (Hungary) Zalaegerszeg, Hock János út 55. H-8900, Hungary

Reference documents:

Offer 2024/8736 accepted on 16/04/2024

TAO APP dated 19/02/2024

<https://leodrawplus.rina.org/projects/44152/detail>

Genoa August 26, 2024