Certificate number: TA 59418/B0 EU-MR BV
File number: ACE2/131/5
Product code: EUMR01

This certificate is not valid when presented without the full attached Design Evaluation Attestation

www.veristar.com

EUROPEAN UNION RECOGNISED ORGANISATION (EU RO)
MUTUAL RECOGNITION
TYPE APPROVAL CERTIFICATE

In accordance with Article 10.1 of EU Regulation 391/2009

This certificate is issued to

SCHNEIDER ELECTRIC INDUSTRIES SAS - ELECTROPOLE 38EQI

31 RUE PIERRE MENDES FRANCE
38320 EYBENS
FRANCE

for the type of product

CIRCUIT BREAKERS (WITHOUT ELECTRONIC DEVICES)

Motor circuit breaker TeSys GV4L & GV4LE

Requirements:
EU RO Terms and Conditions
EU RO Mutual Recognition Procedure for Type Approval
EU RO Mutual Recognition Technical Requirements - Circuit Breakers without Electronic Devices - Version 0.8 - 01 Jan 2025
Bureau Veritas Guidance Note NR596 DT R10 - Feb 2024
IEC 60947-1: 2007 +A1: 2010 + A2: 2014.
IEC 60947-2: 2016 + A1:2019
IEC 60947-4-1: 2018
IEC 60947-5-1: 2016
IACS UR E10 Rev.9

This is to certify to the manufacturer named above, that the Product referred to herein has been inspected for the manufacturer, pursuant to the relevant requirements of the European Union Recognized Organisation Mutual Recognition Procedure, required by Article 10.1 of EU Regulation 391/2009, and has been found in accordance with those requirements.The most demanding and rigorous standard from all EU ROs has been taken as a reference for the development of the Technical Requirement on which present certificate is based.

This certificate will expire on: 07 Jan 2031

For Bureau Veritas Marine & Offshore,
At BV LYON, on 23 Mar 2026,
Michaël Vavro

This certificate was created electronically and is valid without signature

This certificate remains valid until the date stated above, unless cancelled or revoked, provided the conditions indicated in the subsequent page(s) are complied with and the product remains satisfactory in service. This certificate will not be valid if the applicant makes any changes or modifications to the approved product, which have not been notified to, and agreed in writing with Bureau Veritas Marine & Offshore. Should the specified requirements be amended during the validity of this certificate, the product(s) is/are to be re-approved prior to it/they being placed on board vessels to which the amended requirements apply. This certificate is issued within the scope of the General Conditions of Bureau Veritas Marine & Offshore available on the internet site www.veristar.com. Any Person not a party to the contract pursuant to which this document is delivered may not assert a claim against Bureau Veritas Marine & Offshore for any liability arising out of errors or omissions which may be contained in said document, or for errors of judgement, fault or negligence committed by personnel of the Society or of its Agents in establishment or issuance of this document, and in connection with any activities for which it may provide.

DESIGN EVALUATION

The design evaluation scheme was satisfactorily completed for the concerned product. The following design evaluation attestation gives necessary details and forms part of this certificate:

Attestation number : DE 56847/B0 EU-MR BV
Issued on : 07 Jan 2026
Expires on : 07 Jan 2031

PRODUCTION QUALITY ASSURANCE

The following places of manufacture have been assessed in compliance with the production quality assurance scheme:

Assessment number	Expires on	Place of manufacture
PQA/00161/B.1	18 Sep 2030	Schneider Electric Polska Sp. z o.o. (BUKOWNO - POLAND)

APPLICATION / LIMITATION

When a product is presented with this EU RO MR Type Approval Certificate for given application, its acceptability with regards to the limitations stated in the certificate conditions defined in 1b, 1c and 1d of the applied Technical Requirement will be evaluated by the EU RO in charge of classing the ship or being in charge of the unit/system certification.

In accordance with Article 10 of Regulation (EC) No 391/2009 of the European Parliament and of the Council of 23 April 2009 "on common rules and standards for ship inspection and survey organizations", the following organizations, recognized by the EU on this date, have agreed on the technical and procedural conditions under which they will mutually recognize this certificate:

- American Bureau of Shipping (ABS);
- Bureau Veritas (BV);
- China Classification Society (CCS);
- Croatian Register of Shipping (CRS);
- DNV;
- Indian Register of Shipping (IRS);
- Korean Register (KR);
- Lloyd's Register Group Ltd. (LR);
- Nippon Kaiji Kyokai General Incorporated Foundation (ClassNK);
- Polish Register of Shipping (PRS);
- RINA Services S.p.A. (RINA);

The scheme for the mutual recognition of class certificates for materials, equipment and components laid down by Article 10(1) of Regulation (EC) No 391/2009 is only enforceable within the Union in respect of ships flying the flag of a Member State. As far as foreign vessels are concerned, the acceptance of relevant certificates remains at the discretion of relevant non-EU flag States in the exercise of their exclusive jurisdiction, notably under the United Nations Convention on the Law of the Sea (UNCLOS). (In accordance with COMMISSION IMPLEMENTING REGULATION (EU) No 1355/2014 amending Regulation (EC) No 391/2009 - recital (25)).

***** END OF PAGE *****

Attestation number: DE 56847/B0 EU-MR BV
File number: ACE2/131/5
Product code: EUMR01

This attestation is not valid when presented without the full attached schedule composed of 7 sections

ATTESTATION OF DESIGN EVALUATION

This attestation is issued to

SCHNEIDER ELECTRIC INDUSTRIES SAS - ELECTROPOLE 38EQI

31 RUE PIERRE MENDES FRANCE
38320 EYBENS
FRANCE

for the type of product

CIRCUIT BREAKERS (WITHOUT ELECTRONIC DEVICES)

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IEC 60947-2: 2016 + A1:2019
IEC 60947-4-1: 2018
IEC 60947-5-1: 2016
IACS UR E10 Rev.9

This is to attest that Bureau Veritas Marine & Offshore did undertake the relevant design evaluation procedure for the product identified above which was found to comply with the applicable design evaluation requirements mentioned above.

This attestation is an intermediate document issued within the scope of a type approval procedure and does not constitute by itself a type approval document. The relevant type approval procedure needs to be satisfactorily completed where a type approval certificate is required for the placing of the product(s) on board vessels to be classed with Bureau Veritas Marine & Offshore.

This attestation will expire on: 07 Jan 2031

For Bureau Veritas Marine & Offshore,

At BV LYON, on 07 Jan 2026,

Michaël Vavro

This attestation was created electronically and is valid without signature

This attestation remains valid until the date stated above, unless cancelled or revoked, provided the conditions indicated in the subsequent page(s) are complied with and the product remains satisfactory in service. This attestation will not be valid if the applicant makes any changes or modifications to the evaluated product design, which have not been notified to, and agreed in writing with Bureau Veritas Marine & Offshore. Should the specified design evaluation requirements be amended during the validity of this attestation, the product(s) design is to be re-evaluated within the scope of the applicable type approval procedure prior to the placing of the product(s) on board vessels to which the amended requirements apply. This attestation is issued within the scope of the General Conditions of Bureau Veritas Marine & Offshore available on the internet site www.veristar.com. Any Person not a party to the contract pursuant to which this document is delivered may not assert a claim against Bureau Veritas Marine & Offshore for any liability arising out of errors or omissions which may be contained in said document, or for errors of judgement, fault or negligence committed by personnel of the Society or of its Agents in establishment or issuance of this document, and in connection with any activities for which it may provide.

1. PRODUCT DESCRIPTION :

Low voltage motor circuit-breakers for Marine and Offshore applications.

1.1 - Approval's range:

Motor Circuit Breaker TeSys GV4L and GV4LE

Rated short-circuit capacity :

			GV4L...B, GV4LE...B	GV4L...N, GV4LE...N	GV4L...S, GV4LE...S
In			2-115A	2-115A	2-115A
220/240V	Icu	kA	50	100	120
	Ics	%	100	100	100
380/415V	Icu	kA	25	50	100
	Ics	%	100	100	100
440V	Icu	kA	20	50	70
	Ics	%	100	100	100
500V	Icu	kA	10	25	30
	Ics	%	100	100	100
525V	Icu	kA	-	15	18
	Ics	%	-	100	100
660/690V	Icu	kA	-	8	10
	Ics	%	-	25	25

Structure of Designation:

Examples: GV4L02N, GV4LE02N

GV4L E - 02 N 6
I II III IV V VI

I	II	III	IV	V	VI
Type	Actuation Means	Trip Unit basic or advanced	Rating	Breaking Capacity at 415Vac	Terminal
GV4L= Magnetic Motor circuit Breaker	- : Rotary Handle E : Toggle	- : magnetic	02 : 2A	B : 25KA	- = Everlink terminal 6 = crimp lug terminal
			03 : 3.5A	N : 50KA	
			07 : 7A	S : 100KA	
			12 : 12.5A		
			25 : 25A		
			50 : 50A		
			80 : 80A		
			115 : 115A		

1.2 - Accessories:

OF/SD auxiliary contact

- rated operational voltage Ue (V): AC 24 to 690V / DC 24 to 250V
- rated operational curent Ie (V): AC: 0.11-5A / DC: 0.05-2.5A

SDX Contact module: GV4ADM1111

- AC15 rated operational voltage Ue (V): AC 110 to 240V / DC 24 to 250V.
- DC13 rated operational current Ie (V): AC: 3-1,5A / DC: 2-0,11A.

MN undervoltage release

- rated control circuit voltage Uc (V): AC 24 to 480V / DC 24 to 125V

MX shunt trip

- rated control circuit voltage Uc (V): AC 24 to 480V / DC 24 to 125V

2. DOCUMENTS AND DRAWINGS :

- Product description / Specifications:
  Catalogue 2017 Motor circuit breakers TeSys - document Ref: GVLVCATESGV_EN dated 27 Feb 2017
  Instruction sheet TeSys GV4L - document Ref: EAV91197-02 dated Jun. 2017
  CB Scheme Certification file IEC60947-2 - Motor Circuit-breaker TeSys GV4L-GV4LE rev B, dated 06 Apr. 2017

- Accreditation certificate of Test laboratories:
  LCIE Fontenay-Aux-Roses: COFRAC Accreditation certificate N°1-0311 rev. 5
  LCIE SUD-EST - Moirans: COFRAC Accreditation certificate N°1-1633 rev. 7
  SCHNEIDER ELECTRIC INDUSTRIES SAS - F_LAB VOLTA: COFRAC Accreditation certificate N°1-0140 rev. 8
  CLAB, Shanghai Branch, Schneider Electric (China) Co., Ltd: Registration N° CNAS L2977

- QM-certificates according to ISO 9001:
  ISO 9001:2008 Master Certificate No 195538-UK, issued by Bureau Veritas Certification
  ISO 9001:2008 Sub-Certificate No. 195538-117-UK, issued by Bureau Veritas Certification
  ISO 9001:2008 Sub-Certificate No. CNBJ195538-3-UK, issued by Bureau Veritas Certification

3. TEST REPORTS :

- IECEE CB Scheme - Ref. Certif. No. FR_701006/M1 - Tesys GV4L, GV4LE, GV4P, GV4PE, GV4PEM dated 06/12/2017
- GV4L-LE: Test report 147409-705360, dated 15/06/2017
- GV4L-LE: Test report 147409-705360/A1, dated 05/12/2017
- GV4L-LE & GV4P-PE-PEM: Test report 148933-709107, dated 05/12/2017
- IECEE CB Scheme - Ref. Certif. No. FR_700995 - Tesys GV4L, GV4LE, GV4P, GV4PE, dated 29/06/2017
- GV4L-LE: Test report 147409-700319, dated 15/06/2017
- IECEE CB Scheme - Ref. Certif. No. FR_701006 - Tesys GV4L, GV4LE, GV4P, GV4PE, dated 29/06/2017
- GV4P-PE & GV4L-LE: Test report 148931-705365, dated 16/06/2017
- IECEE CB Scheme - Ref. Certif. No. CN43622-M1, dated 05/01/2023
- Test report 00901-CB2018CQC-079992-M1, dated 25/10/2022
- IECEE CB Scheme - Ref. Certif. No. FR_717811, dated 19/10/2023
- GV4AE11: Test Report 23119Y90040, dated 16/10/2023
- IECEE CB Scheme - Ref. Certif. No. FR_713464/M1, dated 19/10/2023
- GV4P, GV4PE & GV4PEM: Test Reports 2111996011 and 2111996011A,, dated 28/02/2022
- GV4P, GV4PE & GV4PEM: Test Report 2111996011-M1 & 2111996011A-M1, dated 16/10/2023
- Climatic test report - Ref. 201607376_008 dated 23/03/2017
- Mechanical test report (vibrations) - Ref. 201607376_010 dated 19/01/ 2017
- Mechanical test report (inclination) - Ref. 201607376_022 dated 23/02/ 2017.

4. APPLICATION / LIMITATION :

4.1 - As per requirements stated on front page of this document. In particular, application limitations and specifications on intended use apply as defined in paragraphs 1.b and 1.c of the applicable EU RO Mutual Recognition Technical Requirements.
4.2 - Circuit breakers and accessories covered by this certificate do not require any external power supply.
4.3 - **SCHNEIDER ELECTRIC INDUSTRIES SAS** must inform Bureau Veritas of any modifications of this design, which must receive additional approval where such changes may affect compliance with the requirements or the prescribed conditions for use of the product.
4.4 - Environmental test parameters:
- Temperature: -25°C to 70°C
- Humidity: 95%RH at 55°C, damp heat cyclic
- Vibration: ± 1mm / 0.7g

4.5 - Standards IEC 60947-1:2014, IEC 60947-2:2019, IEC 60947-4-1:2018 and IEC 60947-5-1:2016 used for the conformity assessment process resulting in the issuance of this certifcate, were not the latest available version of the standards at the time of certificate issuance.

5. PRODUCTION SURVEY REQUIREMENTS :

5.1 - **SCHNEIDER ELECTRIC INDUSTRIES SAS** must comply with the EU RO Production Quality Assurance procedure in order to finalise the EU RO Mutual Recognition Type Approval procedure.

5.2 - **SCHNEIDER ELECTRIC INDUSTRIES SAS** has declared to Bureau Veritas that the type of product described in this certificate may be manufactured at the following production sites:

SCHNEIDER ELECTRIC POLSKA Sp z.o.o
ul. Mostowa 19
32-332 Bukowno, Malopolska
POLAND

6. MARKING OF PRODUCT :
According to IEC 60947-2.

7. OTHERS:
7.1 - It is **SCHNEIDER ELECTRIC INDUSTRIES SAS - ELECTROPOLE 38EQI** responsibility to inform shipbuilders or their sub-contractors of the proper methods of fitting, use and general maintenance of the approved equipment and the conditions of this approval.
7.2 - This certificate supersedes the Type Approval Certificate N° 56847/A0 EU-MR BV issued by the Society.

***** END OF ATTESTATION *****