



# TYPE APPROVAL CERTIFICATE

Certificate no.:  
**TAE0000136**  
Revision No:  
**3**

**This is to certify:**  
**that the Circuit Breaker**

with type designation(s)  
**Motor Circuit Breaker GV3P13 to GV3P80, GV3L25 to GV3L80 and auxiliary contacts type GVAED**

issued to  
**Schneider Electric Industries SAS**  
**Eybens, France**

is found to comply with  
**DNV rules for classification – Ships, offshore units, and high speed and light craft**

## Application:

**Products approved by this certificate are accepted for installation on all vessels classed by DNV.**

**Rated voltage (V) Up to 690V (See Application / limitation)**  
**Rated current (A) 9-80**

Issued at **Høvik** on **2025-08-12**

This Certificate is valid until **2030-07-02**.

DNV local unit: **France CMC**

Approval Engineer: **Qiang William Guo**



for **DNV**

Digitally signed by: Dariusz Lesniewski  
Location: DNV SE, Germany

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid. The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to USD 300 000.

### Name and place of manufacturer

Schneider Electric France  
 6-8 rue du Bailly  
 21078 Dijon Cedex  
 France

### Product description

Motor circuit breaker:  
 GV3P: Thermal - Magnetic breaker  
 GV3L: Magnetic breaker

Rated current Ie:	GV3 P: 9-80 A GV3 L: 25-80 A
Motor protection:	GV3P: 5,5-36 kW GV3 L: 11-36 kW
Max. operating voltage Ue:	600/690 V AC*
Rated insulation voltage Ui:	600/690 V AC*
Rated impulse voltage Uimp:	6 kV
Rated frequency fe:	50/60 Hz
Utilization category:	A

\*See application / limitation

	Icu [kA] = Iq					Ics [KA]								
	230V	400/415V	440V	500V	690V	230V	400/415V 440V	500/690V						
GV3P13	100	100	50	12	6	100%Icu	100%Icu	50%Icu						
GV3P18														
GV3P25														
GV3P32														
GV3P40														
GV3P50														
GV3P65														
GV3P73	65	50	50	12	6	100%Icu	100%Icu	50%Icu						
GV3P80														
GV3L25	100	100							50	12	6	100%Icu	100%Icu	50%Icu
GV3L32														
GV3L40														
GV3L50														
GV3L65														
GV3L73														
GV3L80	65	50	50	12	6	100%Icu	100%Icu	50%Icu						

### Application/Limitation

The max. rated voltage is 600 V when used in IT (ship) net due to Uimp=6 kV. It can be used in applications with directly earthed systems with rated voltage of 400/690 V.

Environmental test parameters:

Temperature:	D (open product), -20°C up to +40°C (enclosed product) *
Vibration:	A
EMC:	A
Enclosure:	IP20

\*Enclosed product means mounted in a dedicated enclosure. Normal use inside a switchboard is regarded as open product.

### Type Approval documentation

Test reports:  
 F-lab Test report no. 201703880\_020  
 VDE 249419-TL3-4  
 VDE 234365-TL3-2 & 234365-TL3-3

VDE 5007256-4402-0001/111802- 1 to 3 (2009-05-20)  
L2E 200902935\_001 (2009-10-14), L2E 200902929\_001 (2009-08-14),  
L2E 200902930\_001 (2009-08-08), L2E 200902931\_001 (2009-09-09),  
L2E 200902933\_001 (2009-08-12), L2E 200902934\_001 (2009-08-24),  
VDE 188115-CC2-1 (2014-06-18), VDE 188115-CC2-2 (2014-06-18)  
IEC DE1-64059(2020-10-07)

### Tests carried out

Dry Heat Test, Damp Heat Test, Low temperature Test, Vibration test.

Type Tests acc. to IEC60947-1(ed.5); am1 & am2, IEC60947-2(ed.5 incl. annex H); am1, IEC60947-4-1 (ed.4).

### Marking of product

Manufacturer's name and product identification

### Periodical assessment

The scope of the periodical assessment is to verify that the conditions stipulated for the Type approval are complied with and that no alterations are made to the product design or choice of materials.

The main elements of the assessment are:

- Inspection on factory samples, selected at random from the production line (where practicable)
- Results from Routine tests (RT) checked (if not available tests according to RT to be carried out)
- Review of type approval documentation
- Review of possible change in design, materials and performance
- Ensuring traceability between manufacturer's product type marking and Type Approval Certificate.

Assessment to be performed at 2 and 3.5 year and at renewal.

END OF CERTIFICATE