TYPE APPROVAL CERTIFICATE

N. ELE373320CS

This is to certify that the product below is found to be in compliance with the applicable requirements of the RINA Type Approval system.

Description	**Motor circuit breakers**	
Type:	**GV2ME, GV2RT, GV2P, GV2L, GV2LE**	
Applicant & Manufacturer	**Schneider Electric Industries SAS** 31 Rue Pierre Mendès France, Eybens, 38050 Grenoble Cedex 9 France	
Factories	**Schneider Electric France** 6-8 rue de Bailly BP 97812 21078 Dijon Cedex France	**Schneider Thailand limited** 540 Soi 9 Bangpoo Industrial Estate, Sukhumvit Road Muang District, Samutprakarn 10280 Thailand
Testing Standards:	**IEC60947- 2: 2016** **IEC60947- 4-1: 2018**	

Issued in **Genova** on **December 05, 2020**

This certificate is valid until **December 05, 2025**

RINA Services S.p.A.

Luigi Benedetti

RINA Services S.p.A.
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TYPE APPROVAL CERTIFICATE

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Thermal – magnetic motor circuit breaker: GV2ME, GV2RT, GV2P

Magnetic motor circuit breaker: GV2L, GV2LE

Main Features:

Utilization cat.: **AC3**; Poles: **3 P**; **AC** current; Method of operation : Manual; Method of control: Automatic
Rated insulation Voltage **Ui** (V): 690V ; Rated impulse withstand voltage **Uimp** (kV): 6 kV;
Conventional current **Ith** (A): 32A; Rated frequency **F**: 50/60Hz; Uninterrupted duty; Pollution degree: **3**;
Suitable for insulation (3P)**;** **IP :**20; Selectivity cat. : **A**; Trip class: 10A, 3P

Coding description:

GV2 ME 01 6

I II III IV

I **Designates basic model** (GV2 motor circuit breaker)

II **Designates actuation means:**
ME-Pushbutton (Thermal-magnetic trip)
P- Rotary knob (Thermal- magnetic trip)
RT-Tumbler (Thermal-magnetic trip)
L- Rotary knob (Magnetic trip)
LE- Tumbler (Magnetic trip)

III Current setting range and magnetic tripping current Id (A) for GV2ME, GV2P

01 0,10 to 0,16A	**Id** 1,5A	**02** 0,16 to 0,25A	**Id** 2,4A	**03** 0,25 to 0,40A	**Id** 5A	**04** 0,40 to 0,63A	**Id** 8A
05 0,63 to 1,00A	**Id** 13A	**06** 1,00 to 1,60A	**Id** 22,5A	**07** 1,60 to 2,50A	**Id** 33,5A	**08** 2,50 to 4,00A	**Id** 51A
10 4,00 to 6,30A	**Id** 78	**14** 6,00 to 10,0A	**Id** 138A	**16** 9,00 to 14,0A	**Id** 170A	**20** 13,0 to 18,0A	**Id** 223A
21 17,0 to 23,0A	**Id** 327	**22** 20,0 to 25,0A	**Id** 327A	**32** 24,0 to 32,0A	**Id** 416A		

III Current setting range and magnetic tripping current Id (A) for GV2RT

03 0,25 to 0,40A	**Id** 8A	**04** 0,40 to 0,63A	**Id** 13A	**05** 0,63 to 1,00A	**Id** 22A	**06** 1,00 to 1,60A	**Id** 33A
07 1.60 to 2,50A	**Id** 51A	**08** 2,50 to 4,00A	**Id** 78A	**10** 4,00 to 6,30A	**Id** 138A	**14** 6,00 to 10,0A	**Id** 200A
16 9,00 to 14,0A	**Id** 280A	**20** 13,0 to 18,0A	**Id** 400A	**21** 17,0 to 23,0A	**Id** 400A		

III Current setting range and magnetic tripping current Id (A) for GV2L, GV2LE

03 0,40A	**Id** 5A	**04** 0,63A	**Id** 8A	**05** 1,00A	**Id** 13A	**06** 1,60A	**Id** 22,5A
07 2,50A	**Id** 33,5A	**08** 4,00A	**Id** 51A	**10** 6,30A	**Id** 78A	**14** 10,0A	**Id** 138A
16 14,0A	**Id** 170A	**20** 18,0A	**Id** 223A	**22** 25,0A	**Id** 327A	**32** 32,0A	**Id** 416A

IV Designates type of connection:
Blank: Clamps and Screw
3: Spring connection (only for GV2ME)
6: for ring lugs (only for GV2ME)

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GV2ME		01	02	03	04	05	06	07	08	10	14	16	20	21	22	32
GV2RT				03	04	05	06	07	08	10	14	16	20	21		
In = I_{th}	A	0,16	0,25	0,4	0,63	1	1,6	2,5	4	6,3	10	14	18	23	25	32
Ie (AC-3 690V)	A	0,16	0,25	0,4	0,63	1	1,6	2,5	4	6,3	10	14	18	23	25	30
Icu	kA (400/415 V)	100	100	100	100	100	100	100	100	100	100	15	15	15	15	10
Ics	% Icu (400/415 V)	100	100	100	100	100	100	100	100	100	100	50	50	40	40	50
Icu	kA (690 V)	100	100	100	100	100	100	3	3	3	3	3	3	3	3	3
Ics	% Icu (690 V)	100	100	100	100	100	100	75	75	75	75	75	75	75	75	75

GV2P		01	02	03	04	05	06	07	08	10	14	16	20	21	22	32
$I_n = I_{th}$	A	0,16	0,25	0,4	0,63	1	1,6	2,5	4	6,3	10	14	18	23	25	32
Ie (AC-3 690V)	A	0,16	0,25	0,4	0,63	1	1,6	2,5	4	6,3	10	14	18	23	25	30
Icu	kA (400/415 V)	100	100	100	100	100	100	100	100	100	100	100	50	50	50	50
Ics	% Icu (400/415 V)	100	100	100	100	100	100	100	100	100	100	100	50	50	50	50
Icu	kA (690 V)	100	100	100	100	100	100	8	8	6	6	6	4	4	4	4
Ics	% Icu (690 V)	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GV2L				03	04	05	06	07	08	10	14	16	20		22	32
$I_n = I_{th}$	A			0,4	0,63	1	1,6	2,5	4	6,3	10	14	18		25	32
Ie (AC-3 690V)	A			0,4	0,63	1	1,6	2,5	4	6,3	10	14	18		25	30
Icu	kA (400/415 V)			100	100	100	100	100	100	100	100	50	50		50	50
Ics	% Icu (400/415 V)			100	100	100	100	100	100	100	100	50	50		50	50
Icu	kA (690 V)			100	100	100	4	4	4	4	4	4	4		4	4
Ics	% Icu (690 V)			100	100	100	100	100	100	100	100	100	100		100	100

GV2LE				03	04	05	06	07	08	10	14	16	20		22	32
$I_n = I_{th}$	A			0,4	0,63	1	1,6	2,5	4	6,3	10	14	18		25	32
Ie (AC-3 690V)	A			0,4	0,63	1	1,6	2,5	4	6,3	10	14	18		25	30
Icu	kA (400/415 V)			100	100	100	100	100	100	100	100	15	15		15	10
Ics	% Icu (400/415 V)			100	100	100	100	100	100	100	100	50	50		40	50
Icu	kA (690 V)			100	100	100	100	3	3	3	3	3	3		3	3
Ics	% Icu (690 V)			100	100	100	100	75	75	75	75	75	75		75	75

GV2P and GV2ME Breaking Capacities used in association with current limiters GV1L03 or LA9LB920

GV2ME		01	02	03	04	05	06	07	08	10	14	16	20	21	22	32
$I_n = I_{th}$	A	0,16	0,25	0,4	0,63	1	1,6	2,5	4	6,3	10	14	18	23	25	32
Ie (AC-3 690V)	A	0,16	0,25	0,4	0,63	1	1,6	2,5	4	6,3	10	14	18	23	25	30
Icu with **GV1L3**	kA (400/415 V)	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Ics with **GV1L3**	% Icu (400/415 V)	100	100	100	100	100	100	100	100	100	100	50	50	40	40	40
Icu with **GV1L3**	kA (440 V)	100	100	100	100	100	100	100	100	100	100	50	20	20	20	20
Ics with **GV1L3**	% Icu (440V)	100	100	100	100	100	100	100	100	100	100	75	75	75	75	75
Icu with **GV1L3**	kA (500V)	100	100	100	100	100	100	100	100	100	50	42	10	10	10	10
Ics with **GV1L3**	% Icu (500V)	100	100	100	100	100	100	100	100	100	100	100	75	75	75	75

GV2P		01	02	03	04	05	06	07	08	10	14	16	20	21	22	32
$I_n = I_{th}$	A	0,16	0,25	0,4	0,63	1	1,6	2,5	4	6,3	10	14	18	23	25	32
Ie (AC-3 690V)	A	0,16	0,25	0,4	0,63	1	1,6	2,5	4	6,3	10	14	18	23	25	30
Icu with **GV1L3**	kA (400/415 V)	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Ics with **GV1L3**	% Icu (400/415 V)	100	100	100	100	100	100	100	100	100	100	100	50	50	50	50
Icu with **GV1L3**	kA (440 V)	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Ics with **GV1L3**	% Icu (440V)	100	100	100	100	100	100	100	100	100	100	50	50	50	50	50
Icu with **GV1L3**	kA (500V)	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Ics with **GV1L3**	% Icu (500V)	100	100	100	100	100	100	100	100	100	50	50	50	50	50	50
Icu with **LA9LB920**	kA (690V)	100	100	100	100	100	100	50	50	50	50	50	50	50	50	50
Ics with **LA9LB920**	% Icu (690)	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

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Technical description
Low voltage_ catalogue MKTED210011EN Part B6/11 _ B6/18 Circuit breakers

Test reports / Certificate:
STIEE Testing lab.(CHINA):
Report n. 00901-CB2019CQC-088358-1 (2020-02-26) acc. to: IEC60947- 2: 2016
Report n. 00901-CB2019CQC-088358-2 (2020-02-26) acc. to: IEC60947- 4-1: 2018
CQC _CHINA Quality Certification Centre (CHINA): CB TEST CERTIFICATE: n. CN49790 (Apr. 09, 2020)

General remark:
Max allowable rated current may be revised according to ambient temperature : 45°C for enclosed spaces
55°C inside consoles

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