TeSys Deca
- Frame 2
0.06 to 15 kW

Product references

PB121671-tif

GV2L16

Motor circuit breakers from 0.09 to 15 kW

Deca - Frame 2 (ref. GV2L): Control by rotary knob, connection by screw clamp terminals

Standard power ratings of 3-phase motors 50/60 Hz in category AC-3									Magnetic protection rating	Tripping current Id ± 20 %	Use in association with thermal overload relay (class 10 A)	Reference
400/415 V			500 V			690 V						
P	Icu	Ics (1)	P	Icu	Ics (1)	P	Icu	Ics (1)				
kW	kA		kW	kA		kW	kA		A	A		
0.09	★	★	**–**	–	–	**–**	–	–	0.4	5	LRD03	**GV2L03**
0.12	★	★	**–**	–	–	**0.37**	★	★	0.63	8	LRD04	**GV2L04**
0.18	★	★	**–**	–	–	**–**	–	–	0.63	8	LRD04	**GV2L04**
–	–	–	**–**	–	–	**0.55**	★	★	1	13	LRD05	**GV2L05**
0.25	★	★	**–**	–	–	**–**	–	–	1	13	LRD05	**GV2L05**
–	–	–	**–**	–	–	**0.75**	★	★	1	13	LRD06	**GV2L05**
0.37	★	★	**0.37**	★	★	**–**	–	–	1	13	LRD05	**GV2L05**
0.55	★	★	**0.55**	★	★	**1.1**	★	★	1.6	22.5	LRD06	**GV2L06**
–	–	–	**0.75**	★	★	**–**	–	–	1.6	22.5	LRD06	**GV2L06**
0.75	★	★	**1.1**	★	★	**1.5**	4	100	2.5	33.5	LRD07	**GV2L07**
1.1	–	–	**–**	–	–	**–**	–	–			LRD08	**GV2L08**
1.5	★	★	**1.5**	★	★	**3**	4	100	4	51	LRD08	**GV2L08**
–	–	–	**–**	–	–	**–**	–	–			LRD08	**GV2L08**
2.2	★	★	**3**	★	★	**4**	4	100	6.3	78	LRD10	**GV2L10**
3	★	★	**4**	10	100	**5.5**	4	100	10	138	LRD12	**GV2L14**
4	–	–	**–**	–	–	**–**	–	–			LRD14	**GV2L14**
–	–	–	**–**	–	–	**7.5**	4	100	10	138	LRD14	**GV2L14**
–	–	–	**–**	–	–	**9**	4	100	14	170	LRD16	**GV2L16**
5.5	50	50	**7.5**	10	75	**11**	4	100	14	170	LRD16	**GV2L16**
7.5	50	50	**9**	10	75	**15**	4	100	18	223	LRD21	**GV2L20**
9	50	50	**11**	10	75	**18.5**	4	100	25	327	LRD22	**GV2L22**
11	50	50	**15**	10	75	**–**	–	–	25	327	LRD22	**GV2L22**
15	50	50	**18.5**	10	75	**22**	4	100	32	416	LRD32	**GV2L32**

(1) As % of Icu. Associated current limiter or fuses, where required.
★ > 100 kA.

Characteristics: pages B6/72 to B6/74
Curves: pages B6/77 to B6/82
Dimensions, schemes: pages B6/90 to B6/92, B6/99

Product references

PB111875.eps

GV2LE

Magnetic motor circuit breakers from 0.06 to 15 kW

Deca - Frame 2 (ref. GV2LE): control by rocker lever, connection by screw clamp terminals

Standard power ratings of 3-phase motors 50/60 Hz in category AC-3									Magnetic protection rating	Tripping current Id ± 20 %	Use in association with thermal overload relay	Reference
400/415 V			500 V			690 V						
P	Icu	Ics (1)	P	Icu	Ics (1)	P	Icu	Ics (1)				
kW	kA		kW	kA		kW	kA		A	A		
0.06	★	★	–	–	–	–	–	–	0.4	5	LR2K0302	**GV2LE03**
0.09	★	★	–	–	–	–	–	–	0.4	5	LR2K0304	**GV2LE03**
0.12	★	★	–	–	–	**0.37**	★	★	0.63	8	LR2K0304	**GV2LE04**
0.18	★	★	–	–	–	–	–	–	0.63	8	LR2K0305	**GV2LE04**
–	–	–	–	–	–	**0.55**	★	★	1	13	LR2K0305	**GV2LE05**
0.25	★	★	–	–	–	–	–	–	1	13	LR2K0306	**GV2LE05**
–	–	–	–	–	–	**0.75**	★	★	1	13	LR2K0306	**GV2LE05**
0.37	★	★	**0.37**	★	★	–	–	–	1	13	LR2K0306	**GV2LE05**
0.55	★	★	**0.55**	★	★	**1.1**	★	★	1.6	22.5	LR2K0307	**GV2LE06**
–	–	–	**0.75**	★	★	–	–	–	1.6	22.5	LR2K0307	**GV2LE06**
0.75	★	★	**1.1**	★	★	**1.5**	3	75	2.5	33.5	LR2K0308	**GV2LE07**
1.1	★	★	–	–	–	–	–	–	2.5	33.5	LR2K0308	**GV2LE07**
1.5	★	★	**1.5**	★	★	**3**	3	75	4	51	LR2K0310	**GV2LE08**
–	–	–	**2.2**	★	★	–	–	–	4	51	LR2K0312	**GV2LE08**
2.2	★	★	**3**	50	100	**4**	3	75	6.3	78	LR2K0312	**GV2LE10**
3	★	★	**4**	10	100	**5.5**	3	75	10	138	LR2K0314	**GV2LE14**
4	★	★	**5.5**	10	100	–	–	–	10	138	LR2K0316	**GV2LE14**
–	–	–	–	–	–	**7.5**	3	75	10	138	LRD14	**GV2LE14**
–	–	–	–	–	–	**9**	3	75	14	170	LRD16	**GV2LE16**
5.5	15	50	**7.5**	6	75	**11**	3	75	14	170	LR2K0321	**GV2LE16**
7.5	15	50	**9**	6	75	**15**	3	75	18	223	LRD21	**GV2LE20**
9	15	40	**11**	4	75	**18.5**	3	75	25	327	LRD22	**GV2LE22**
11	15	40	**15**	4	75	–	–	–	25	327	LRD22	**GV2LE22**
15	10	50	**18.5**	4	75	**22**	3	75	32	416	LRD32	**GV2LE32**

(1) As % of Icu.
★ > 100 kA.

Characteristics: pages B6/72 to B6/74
Curves: pages B6/77 to B6/82
Dimensions, schemes: pages B6/90 to B6/92, B6/99

Product references

GV2ME

Motor circuit breakers from 0.06 to 15 kW / 400 V, with screw clamp terminals

Deca - Frame 2 (ref. GV2ME) with pushbutton control

Standard power ratings of 3-phase motors 50/60 Hz in category AC-3									Setting range of thermal trips (2)	Magnetic tripping current Id ± 20 %	Reference
400/415 V			500 V			690 V					
P	Icu	Ics (1)	P	Icu	Ics (1)	P	Icu	Ics (1)			
kW	kA	%	kW	kA	%	kW	kA	%	A	A	
–	–	–	–	–	–	–	–	–	0.1…0.16	1.5	**GV2ME01**
0.06	★	★	–	–	–	–	–	–	0.16…0.25	2.4	**GV2ME02**
0.09	★	★	–	–	–	–	–	–	0.25…0.40	5	**GV2ME03**
0.12	★	★	–	–	–	**0.37**	★	★	0.40…0.63	8	**GV2ME04**
0.18	★	★	–	–	–	–	–	–			
0.25	★	★	–	–	–	**0.55**	★	★	0.63…1	13	**GV2ME05**
0.37	★	★	**0.37**	★	★	–	–	–	1…1.6	22.5	**GV2ME06**
0.55	★	★	**0.55**	★	★	**0.75**	★	★			
–	–	–	**0.75**	★	★	**1.1**	★	★			
0.75	★	★	**1.1**	★	★	**1.5**	3	75	1.6…2.5	33.5	**GV2ME07**
1.1	★	★	**1.5**	★	★	**2.2**	3	75	2.5…4	51	**GV2ME08**
1.5	★	★	**2.2**	★	★	**3**	3	75			
2.2	★	★	**3**	50	100	**4**	3	75	4…6.3	78	**GV2ME10**
3	★	★	**4**	10	100	**5.5**	3	75	6…10	138	**GV2ME14**
4	★	★	**5.5**	10	100	**7.5**	3	75			
5.5	15	50	**7.5**	6	75	**9**	3	75	9…14	170	**GV2ME16**
–	–	–	–	–	–	**11**	3	75			
7.5	15	50	**9**	6	75	**15**	3	75	13…18	223	**GV2ME20**
9	15	40	**11**	4	75	**18.5**	3	75	17…23	327	**GV2ME21**
11	15	40	**15**	4	75	–	–	–	20…25	327	**GV2ME22** (3)
15	10	50	**18.5**	4	75	**22**	3	75	24…32	416	**GV2ME32**

Motor circuit breakers from 0.06 to 15 kW / 400 V, with lugs

To order thermal magnetic circuit breakers with connection by lugs, add the digit **6** to the end of reference selected above.
Example: ref. **GV2ME08** becomes **GV2ME086.**

Thermal magnetic circuit breakers GV2ME with built-in auxiliary contact block

With instantaneous auxiliary contact block (composition, see page B6/21):

■ GVAE1, add suffix **AE1TQ** to the motor circuit breaker reference selected above.
Example: **GV2ME01AE1TQ**.
■ GVAE11, add suffix **AE11TQ** to the motor circuit breaker reference selected above.
Example: **GV2ME01AE11TQ**.
■ GVAN11, add suffix **AN11TQ** to the motor circuit breaker reference selected above.
Example: **GV2ME01AN11TQ.**

These circuit breakers with built-in contact block are sold in lots of 20 units in a single pack.

(1) As % of Icu.
(2) The thermal trip setting must be within the range marked on the graduated knob.
*(3) Maximum rating which can be mounted in enclosures **GV2MC** or **MP**, please consult your Regional Sales Office.*
★ > 100 kA.

Characteristics: pages B6/72 to B6/76
Curves: pages B6/83 to B6/85
Dimensions, schemes: pages B6/93 to B6/97, B6/99

Product references - UL applications

PB121673.iff

GV2ME

Motor circuit breakers from 3/4 to 20 HP / 460 V, with screw clamp terminals

Deca - Frame 2 (ref. GV2ME) with pushbutton control

Thermal setting (A)	Maximum Horsepower ratings								Group Motor applications	Reference
	Single-Phase			Three-Phase						
	115 V	200 V	230 V	115 V	200 V	230 V	460 V	575 V	Max. Fuse or Circuit breaker (A)	
0.1…0.16	–	–	–	–	–	–	–	–	450	**GV2ME01**
0.16…0.25	–	–	–	–	–	–	–	–	450	**GV2ME02**
0.25…0.40	–	–	–	–	–	–	–	–	450	**GV2ME03**
0.40…0.63	–	–	–	–	–	–	–	–	450	**GV2ME04**
0.63…1	–	–	–	–	–	–	–	1/2	450	**GV2ME05**
1…1.6	–	–	1/10	–	–	–	3/4	3/4	450	**GV2ME06**
1.6…2.5	–	1/6	1/6	–	1/2	1/2	1	1.5	450	**GV2ME07**
2.5…4	1/8	1/4	1/3	–	3/4	3/4	2	3	450	**GV2ME08**
4…6.3	1/4	1/2	1/2	3/4	1	1.5	3	5	450	**GV2ME10**
6…10	1/2	1	1.5	1	2	3	5	7.5	450	**GV2ME14**
9…14	3/4	2	2	2	3	3	10	10	450	**GV2ME16**
13…18	1	2	3	2	5	5	10	15	450	**GV2ME20**
17…23	1.5	3	3	3	5	7.5	15	20	450	**GV2ME21**
20…25	2	–	–	–	7.5	7.5	15	20	450	**GV2ME22**
24…32	2	5	5	5	7.5	10	20	25	450	**GV2ME32**

Characteristics: pages B6/72 to B6/76
Curves: pages B6/83 to B6/85
Dimensions, schemes: pages B6/93 to B6/97, B6/99

Product references

GV2ME●●3

Motor circuit breakers from 0.06 to 11 kW, with spring terminal connections

Deca - Frame 2 (ref. GV2ME) (1) with pushbutton control

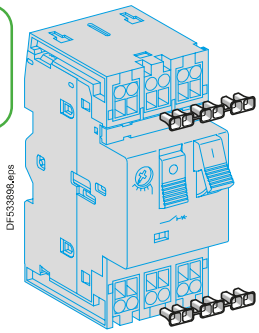
Standard power ratings of 3-phase motors 50/60 Hz in category AC-3						Setting range of thermal trips (3)	Magnetic tripping current Id ± 20 %	Reference
400/415 V			500 V					
P	Icu	Ics (2)	P	Icu	Ics (2)			
kW	kA	%	kW	kA	%	A	A	
–	–	–	–	–	–	0.1…0.16	1.5	**GV2ME013**
0.06	★	★	–	–	–	0.16…0.25	2.4	**GV2ME023**
0.09	★	★	–	–	–	0.25…0.40	5	**GV2ME033**
0.12 **0.18**	★ ★	★ ★	–	–	–	0.40…0.63	8	**GV2ME043**
0.25 **0.37**	★ ★	★ ★	**0.37**	★	★	0.63…1	13	**GV2ME053**
0.37 **0.55**	★ ★	★ ★	**0.37** **0.55** **0.75**	★ ★ ★	★ ★ ★	1…1.6	22.5	**GV2ME063**
0.75	★	★	**1.1**	★	★	1.6…2.5	33.5	**GV2ME073**
1.1 **1.5**	★ ★	★ ★	**1.5** **2.2**	★ ★	★ ★	2.5…4	51	**GV2ME083**
2.2	★	★	**3**	50	100	4…6.3	78	**GV2ME103**
3 **4**	★ ★	★ ★	**4** **5.5**	10 10	100 100	6…10	138	**GV2ME143**
5.5	15	50	**7.5**	6	75	9…14	170	**GV2ME163**
7.5	15	50	**9**	6	75	13…18	223	**GV2ME203**
9 **11**	15 15	40 40	**11**	4	75	17…23	327	**GV2ME213**
11	15	40	**15**	4	75	20…25	327	**GV2ME223**

Contact blocks

Description	Mounting	Maximum number	Type of contacts	Sold in lots of	Unit reference
Instantaneous auxiliary contacts	Front	1	N/O + N/C	10	**GVAE113**
			N/O + N/O	10	**GVAE203**
	LH side	2	N/O + N/C	1	**GVAN113**
			N/O + N/O	1	**GVAN203**

Accessory

Description	Application	Sold in lots of	Unit reference
Cable end reducer	For connection of conductors from 1 to 1.5 mm²	20	**LA9D99**



LA9D99

*(1) For connection of conductors from 1 to 1.5 mm², the use of an **LA9D99** cable end reducer is recommended.*
*(2) Maximum rating which can be mounted in enclosures **GV2MC** or **MP**, please consult your Regional Sales Office*
(3) The thermal trip setting must be within the range marked on the graduated knob.
★ *> 100 kA.*

Characteristics: pages B6/72 to B6/76
Curves: pages B6/83 to B6/85
Dimensions, schemes: pages B6/93 to B6/97, B6/99

PB121672.iif

GV2P08

Motor circuit breakers from 0.06 to 30 kW / 400 V

Standard power ratings of 3-phase motors 50/60 Hz in category AC-3									Setting range of thermal trips (2)	Magnetic tripping current Id ± 20 %	Reference
400/415 V			500 V			690 V					
P	Icu	Ics (1)	P	Icu	Ics (1)	P	Icu	Ics (1)			
kW	kA	%	kW	kA	%	kW	kA	%	A	A	
Deca - Frame 2 (ref. GV2P): control by rotary knob											
Screw clamp terminals											
–	–	–	–	–	–	–	–	–	0.1…0.16	1.5	**GV2P01**
0.06	★	★	–	–	–	–	–	–	0.16…0.25	2.4	**GV2P02**
0.09	★	★	–	–	–	–	–	–	0.25…0.40	5	**GV2P03**
0.12	★	★	–	–	–	**0.37**	★	★	0.40…0.63	8	**GV2P04**
0.18	★	★	–	–	–	–	–	–			
0.25	★	★	–	–	–	**0.55**	★	★	0.63…1	13	**GV2P05**
0.37	★	★	**0.37**	★	★	–	–	–	1…1.6	22.5	**GV2P06**
0.55	★	★	**0.55**	★	★	**0.75**	★	★			
0.75	★	★	**1.1**	★	★	**1.5**	8	100	1.6…2.5	33.5	**GV2P07**
1.1	★	★	**1.5**	★	★	**2.2**	8	100	2.5…4	51	**GV2P08**
2.2	★	★	**3**	★	★	**4**	6	100	4…6.3	78	**GV2P10**
3	★	★	**5**	50	100	**5.5**	6	100	6…10	138	**GV2P14**
5.5	★	★	**7.5**	42	75	**9**	6	100	9…14	170	**GV2P16**
–	–	–	–	–	–	**11**	6	100			
7.5	50	50	**9**	10	75	**15**	4	100	13…18	223	**GV2P20**
9	50	50	**11**	10	75	**18.5**	4	100	17…23	327	**GV2P21**
11	50	50	**15**	10	75	–	–	–	20…25	327	**GV2P22**
15	50	50	**18.5**	10	75	**22**	4	100	24…32	416	**GV2P32**

How to use the table : select your load operating voltage, then select its standard power value (below, in the same column). The appropriate circuit breaker is in the extreme right column, in the corresponding row.
Exemple: GV2P04 can protect 0.12 and 0.18 kW under 400/415 V, and 0.18 kW under 440 V, and 0,37 kW under 690 V. No 500 V standard power value can fit GV2P04.

Motor circuit breakers up to 50 HP / 600 V, UL 60947-4-1 type E

Deca - Frame 2 (ref. GV2P) (3)

To obtain a GV2P motor circuit breaker, UL 60947-4-1 type E, use the following with the circuit breaker:
■ a "Large Spacing" adapter **GV2GH7.**

Motor circuit breakers from 3/4 to 20 HP / 460 V, with screw clamp terminals

Deca - Frame 2 (ref. GV2P) with rotary handle

Thermal setting (A)	Maximum Horsepower ratings (4)								Group Motor applications	Reference
	Single-Phase			Three-Phase						
	115 V	200 V	230 V	115 V	200 V	230 V	460 V	575 V	Max. Fuse or Circuit breaker (A)	
0.1…0.16	–	–	–	–	–	–	–	–	450	**GV2P01**
0.16…0.25	–	–	–	–	–	–	–	–	450	**GV2P02**
0.25…0.40	–	–	–	–	–	–	–	–	450	**GV2P03**
0.40…0.63	–	–	–	–	–	–	–	–	450	**GV2P04**
0.63…1	–	–	–	–	–	–	–	1/2	450	**GV2P05**
1…1.6	–	–	1/10	–	–	–	3/4	3/4	450	**GV2P06**
1.6…2.5	–	1/6	1/6	–	1/2	1/2	1	1.5	450	**GV2P07**
2.5…4	1/8	1/4	1/3	–	3/4	3/4	2	3	450	**GV2P08**
4…6.3	1/4	1/2	1/2	3/4	1	1.5	3	5	450	**GV2P10**
6…10	1/2	1	1.5	1	2	3	5	7.5	450	**GV2P14**
9…14	3/4	2	2	2	3	3	10	10	450	**GV2P16**
13…18	1	2	3	2	5	5	10	15	450	**GV2P20**
17…23	1.5	3	3	3	5	7.5	15	20	450	**GV2P21**
20…25	2	–	–	–	7.5	7.5	15	20	450	**GV2P22**
24…32	2	5	5	5	7.5	10	20	25	450	**GV2P32**

(1) As % of Icu.
(2) The thermal trip setting must be within the range marked on the graduated knob.
(3) Accessory: see page B6/23.
(4) 3P FLA corresponding values: see page A5/84.
★ > 100 kA.

Motor circuit breakers

Product references

PB121514.eps

GV2RT

For motors with high current peak on starting

Deca - Frame 2 (ref. GV2RT) control by rocker lever

Standard power ratings of 3-phase motors 50/60 Hz in category AC-3					Setting range of thermal trips [1]	Magnetic tripping current Id ± 20 %	Reference
220/230 V	400/415 V	440 V	500 V	690 V			
kW	kW	kW	kW	kW	A	A	
0.06	0.09	0.09 0.12	–	–	0.25…0.40	8	**GV2RT03**
–	0.12 0.18	0.18	–	0.37	0.40…0.63	13	**GV2RT04**
0.09 0.12	0.25 0.37	0.25 0.37	0.37	0.55	0.63…1	22	**GV2RT05**
0.18 0.25	0.37 0.55	0.37 0.55	0.37 0.55 0.75	0.75 1.1	1…1.6	33	**GV2RT06**
0.37	0.75	0.75 1.1	1.1	1.5	1.6…2.5	51	**GV2RT07**
0.55 0.75	1.1 1.5	1.5	1.5 2.2	2.2 3	2.5…4	78	**GV2RT08**
1.1	2.2	2.2 3	3	4	4…6.3	138	**GV2RT10**
1.5 2.2	3 4	4	4 5.5	5.5 7.5	6…10	200	**GV2RT14**
2.2 3	5.5	5.5 7.5	7.5	9 11	9…14	280	**GV2RT16**
4	7.5	7.5 9	9	15	13…18	400	**GV2RT20**
5.5	9 11	11	11	18.5	17…23	400	**GV2RT21**

(1) The thermal trip setting must be within the range marked on the graduated knob.

For primaries of 3-phase transformers

Deca - Frame 2 (ref. GV2RT) control by rocker lever

Standard power ratings					Setting range of thermal trips [2]	Magnetic tripping current Id ± 20 %	Reference
230/240 V	400/415 V	440 V	500 V	690 V			
kVA	kVA	kVA	kVA	kVA	A	A	
–	–	–	–	–	0.25…0.40	8	**GV2RT03**
–	–	–	–	–	0.40…0.63	13	**GV2RT04**
–	–	0.63	0.63	1	0.63…1	22	**GV2RT05**
0.4	0.63	1	1	–	1…1.6	33	**GV2RT06**
0.63	1	–	1.6	1.6 2	1.6…2.5	51	**GV2RT07**
1	1.6 2	1.6 2	2 2.5	2.5	2.5…4	78	**GV2RT08**
1.6 2	2.5	2.5 4	4	4 5 6.3	4…6.3	138	**GV2RT10**
2.5	4 5	5	5 6.3	–	6…10	200	**GV2RT14**
4	6.3	6.3	–	10 12.5	9…14	280	**GV2RT16**
5 6.3	10	10	10 12.5	10	13…18	400	**GV2RT20**

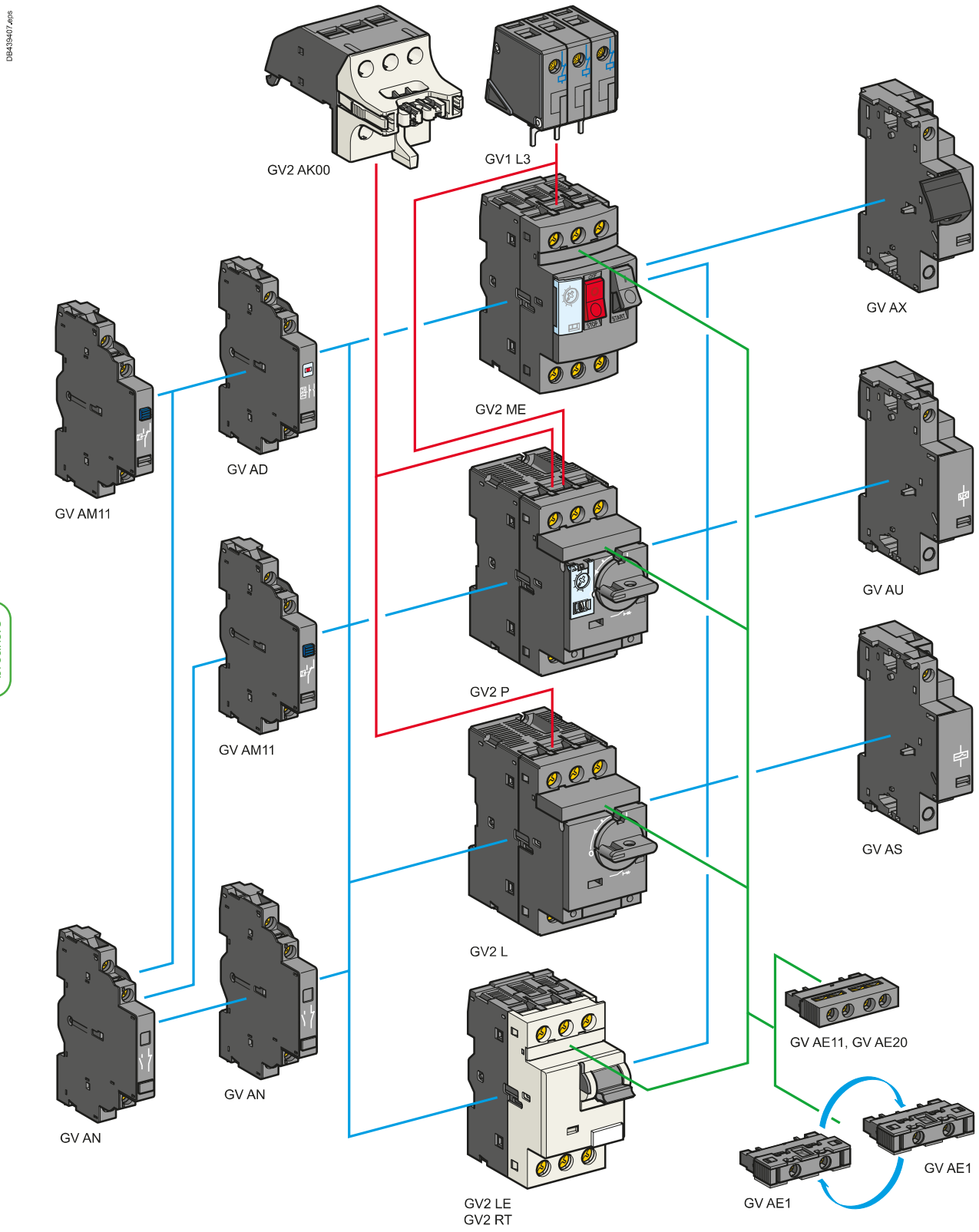
Accessory [3]

Description	Reference
Padlockable external operator (IP 54) black handle, blue legend plate	**GV2AP03**

(2) The thermal trip setting must be within the range marked on the graduated knob.

*(3) Other accessories such as mounting, cabling and marking accessories are identical to those used for **GV2ME** motor circuit breakers, see page B6/23.*

Characteristics: pages B6/72 to B6/76
Curves: pages B6/83 to B6/85
Dimensions, schemes: pages B6/98 to B6/99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GV2 AK00
GV1 L3
GV AX
GV2 ME
GV AD
GV AM11
GV AU
GV2 P
GV AM11
GV AS
GV2 L
GV AE11, GV AE20
GV AN
GV AN
GV AE1
GV AE1
GV2 LE
GV2 RT

Contact blocks

Description	Mounting	Maximum number	Type of contacts		Sold in lots of	Unit reference
Instantaneous auxiliary contacts	Front (1)	1	N/O or N/C (2)		10	**GVAE1**
			N/O + N/C		10	**GVAE11**
			N/O + N/O		10	**GVAE20**
	Side (LH)	2	N/O + N/C		1	**GVAN11**
			N/O + N/O		1	**GVAN20**
Fault signalling contact + instantaneous auxiliary contact	Side (3) (LH)	1	N/O (fault)	+ N/O	1	**GVAD1010**
				+ N/C	1	**GVAD1001**
			N/C (fault)	+ N/O	1	**GVAD0110**
				+ N/C	1	**GVAD0101**
Short-circuit signalling contact	Side (LH)	1	C/O common point		1	**GVAM11**

Electric trips

Mounting	Voltage		Reference
Undervoltage or shunt trips (4)			
Side (1 block on RH side of circuit breaker)	24 V	50 Hz	**GVA●025**
		60 Hz	**GVA●026**
	48 V	50 Hz	**GVA●055**
		60 Hz	**GVA●056**
	100 V	50 Hz	**GVA●107**
	100…110 V	60 Hz	**GVA●107**
	110…115 V	50 Hz	**GVA●115**
		60 Hz	**GVA●116**
	120…127 V	50 Hz	**GVA●125**
	127 V	60 Hz	**GVA●115**
	200 V	50 Hz	**GVA●207**
	200…220 V	60 Hz	**GVA●207**
	220…240 V	50 Hz	**GVA●225**
		60 Hz	**GVA●226**
	380…400 V	50 Hz	**GVA●385**
		60 Hz	**GVA●386**
	415…440 V	50 Hz	**GVA●415**
	415 V	60 Hz	**GVA●416**
	440 V	60 Hz	**GVA●385**
	480 V	60 Hz	**GVA●415**
	500 V	50 Hz	**GVA●505**
	600 V	60 Hz	**GVA●505**
Undervoltage trip, INRS (can only be mounted on GV2ME) Safety device for dangerous machines conforming to INRS and VDE 0113			
Side (1 block on RH side of circuit breaker GV2ME)	110…115 V	50 Hz	**GVAX115**
		60 Hz	**GVAX116**
	127 V	60 Hz	**GVAX115**
	220…240 V	50 Hz	**GVAX225**
		60 Hz	**GVAX226**
	380…400 V	50 Hz	**GVAX385**
		60 Hz	**GVAX386**
	415…440 V	50 Hz	**GVAX415**
	440 V	60 Hz	**GVAX385**

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GV1L3

Limiter blocks

Description	Mounting	Maximum number	Reference
Visible isolation block (5)	Front (1)	1	**GV2AK00 (6)**
Limiters	At top (GV2ME and GV2P) for circuit breakers with screw clamp connections	1	**GV1L3**
	Independent (7)	1	**LA9LB920**

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LA9LB920

*(1) Mounting of a **GVAE** contact block or a **GV2AK00** visible isolation block on **GV2P** and **GV2L**.*
(2) Choice of N/C or N/O contact operation, depending on which way round the reversible block is mounted.
*(3) The **GVAD** is always mounted next to the circuit breaker.*
*(4) To order an undervoltage trip: replace the dot (●) in the reference with a **U**, example: **GVAU025**.*
*To order a shunt trip: replace the dot (●) in the reference with an **S**, example: **GVAS025**.*
*(5) Visible isolation of the 3 poles upstream of circuit breaker **GV2P** and **GV2L**.*
(6) Ie Max = 32 A.
*(7) For more information about the current limiter **LA9LB920**, see pages A4/31 and A4/61.*

Characteristics: pages B6/87 to B6/89
Dimensions, schemes: pages B6/90 to B6/99

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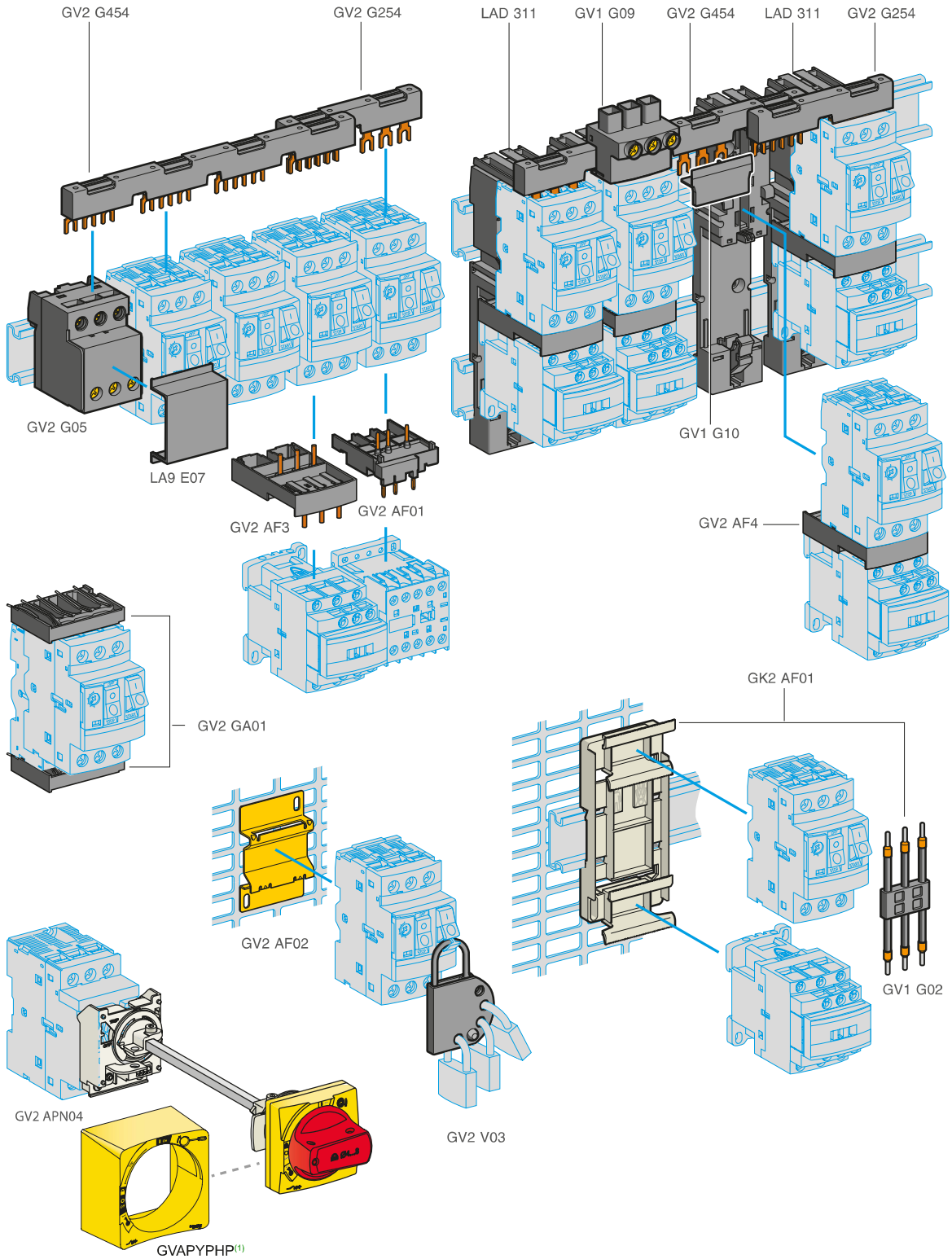

(1) Standard front plate must be removed from the assembly and replaced by Protective front plate (GVAPYPHP).

Product references

Accessories for circuit breakers with screw clamp connections

Description	Application	Sold in lots of	Unit reference
Adapter plates	For mounting a GV2 by screw fixing	10	**GV2AF02**
	For mounting a GV2ME and contactor LC1D09…D38 with front faces aligned	1	**LAD311**
Height compensation plate	7.5 mm to align GV2ME-GV2LE and GV2P-GV2L and allow the use of a common GV2G●●● busbar	10	**GV1F03**
Combination blocks	Between GV2 and contactor LC1K or LP1K	10	**GV2AF01**
	Between GV2 and contactor LC1D09…D38	10	**GV2AF3**
	Between GV2 mounted on LAD311 and contactor LC1D09…D38	10	**GV2AF4**
Motor starter adapter plate	With 3-pole connection for mounting a GV2 and a contactor LC1D09…D25	1	**GK2AF01**

Description	Application	Pitch	Reference
		mm	
Sets of 3-pole Ie = 63 A busbars	2 tap-offs	45	**GV2G245**
		54	**GV2G254**
		72	**GV2G272**
	3 tap-offs	45	**GV2G345**
		54	**GV2G354**
	4 tap-offs	45	**GV2G445**
		54	**GV2G454**
		72	**GV2G472**
	5 tap-offs	54	**GV2G554**

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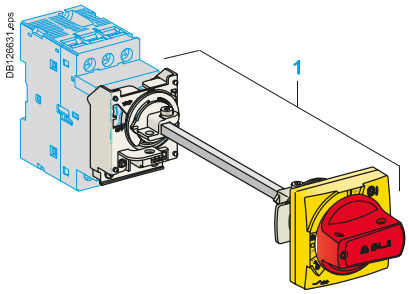
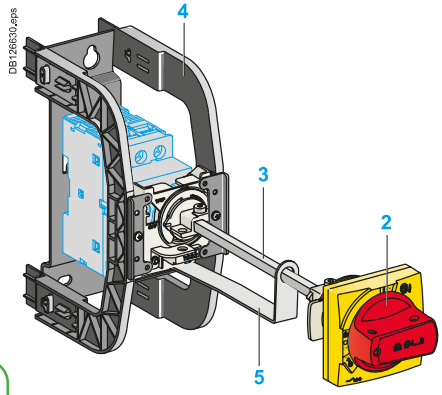
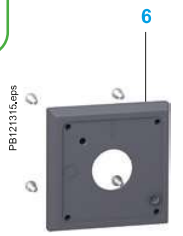
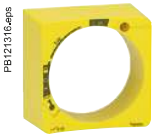
GV1G09

Description	Ie	Application	Sold in lots of	Unit reference
	A			
Protective end cover	-	For unused busbar outlets	5	**GV1G10**
Terminal block for supply to one or more GV2G busbar sets	63	Connection from the top	1	**GV1G09**
	63	Can be fitted with current limiter GV1L3 (GV2ME and GV2P)	1	**GV2G05**
Cover for terminal block	-	For mounting in modular panels	10	**LA9E07**
Flexible 3-pole connection for connecting a GV2 to a contactor LC1D09…D25	25	Centre distance between mounting rails: 100…120 mm	10	**GV1G02**
"Large Spacing" adapter UL 60947-4-1 type E	-	For GV2P●● (except 32 A)	1	**GV2GH7**
Clip-in marker holders (supplied with each circuit breaker)	-	For GV2P, GV2L, GV2LE and GV2RT (8 x 22 mm)	100	**LA9D92**









GVAPYPHP

Extended Rotary Handle

Allows a circuit breaker or a starter-controller installed in back of an enclosure to be operated from the front of the enclosure.
A rotary handle can be black or red/yellow, IP54 or IP65. It includes a function for locking the circuit breaker or the starter in the O (Off) for red/yellow handle, in the O (Off) or I (On) for black handle, by means of up to 3 padlocks with a shank diameter of 4 to 8 mm. The extended shaft must be adjusted to use in different size enclosures. The IP54 rotary handle is fixed with a nut (Ø22) to make easier the assembling. The new Laser Square tool brings the accuracy to align the circuit breaker and the rotary handle.

Padlockable external operators for ref. GV2P and GV2L

Description

1 Kit handle + mounting system
2 Universal handle
3 Shaft
4 Bracket
5 Shaft support plate for deep enclosure
6 Retrofit accessory
7 Laser Square accessory

Kit handle + mounting system

Description		Item	Reference
For GV2P/L	Black handle, front plate, with trip status, IP 54	1	**GV2APN01**
	Red handle, front plate, with trip status, IP 54	1	**GV2APN02**
	Black handle, front plate, without trip status, IP 65	1	**GV2APN03**
	Red handle, front plate, without trip status, IP 65	1	**GV2APN04**
For GV2LE	Padlocking in "On" and "Off" position Black handle, blue front plate, IP 54	-	**GV2AP03**

Universal handle

For GV2P/L	Black handle, with trip status, IP54	2	**GVAPB54**
	Red handle, with trip status, IP54	2	**GVAPR54**
	Red handle, without trip status, IP65	2	**GVAPR65**

External handle protection frame

For GV2P/L	Yellow frame	1	**GVAPYPHP**
	Black frame	1	**GVAPBPHP**

Shaft

For GV2P/L	L = 315 mm	3	**GVAPA1**

Bracket

For GV2P/L		4	**GVAPH02**

Shaft support plate for deep enclosure

For GV2P/L	Depth ≥ 250 mm	5	**GVAPK11**

Retrofit accessory

For GV2P/L		6	**GVAPP1**

Laser Square accessory

For GV2P/L		7	**GVAPL01**

Sticker		**Sold in lots of**		
	For German	10	-	**GVAPSDE**
	For Chinese	10	-	**GVAPSCN**
	For Portuguese	10	-	**GVAPSPT**
	For Italian	10	-	**GVAPSIT**

Padlocking device

Description		Reference
For all GV2 device	For use with up to 4 padlocks, Ø6 mm shank max. (padlocks not included)	**GV2V03**

Dimensions, schemes:
page B6/91