

TeSys Power

Deca - Frame 4 Motor circuit breakers - Magnetic

Introduction



References:
p. B6/35

Characteristics:
p. B6/120 to B6/122

Curves:
p. B6/124 to B6/128

Dimensions:
p. B6/134 to B6/135

Schemes:
p. B6/137



GV4L



GV4LE

Motor
circuit
breakers

Standard version

Protection

Setting is made using dial.

Trip class (class)

Ref. GV4L can be used with class 5, 10 or 20 relay.

Short circuit protection (Ii)

Protection with an adjustable pick-up $I_i = 6 \text{ to } 14 I_n$. Settings are made in amperes.

Standards and certifications

IEC/EN 60947-1, IEC/EN 60947-2, CCC, EAC.



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Magnetic motor circuit breakers from 0.25 to 55 kW													
Standard power ratings of 3-phase motors - 50 / 60 Hz									In	Magnetic setting range (li)	Use in association with overload relay Class 10 or 20	Reference with EverLink terminals	
400/415 V			500 V			690 V						with toggle	with rotary handle
P	Icu	Ics ⁽¹⁾	P	Icu	Ics ⁽¹⁾	P	Icu	Ics ⁽¹⁾					
kW	kA	%	kW	kA	%	kW	kA	%	A	A			
0.25... 0.75	25	100	0.37... 1.1	10	100	0.55... 1.5	-	-	2	12... 28	LRD05 (0.63... 1A) LRD06 (1... 1.6A) LRD07 (1.6... 2.5A)	-	-
	50	100		25	100		8	25				GV4LE02N	GV4L02N
	100	100		30	100		10	25				GV4LE02S	-
0.55... 1.5	25	100	0.75... 1.5	10	100	1.1... 2.2	-	-	3,5	21... 49	LRD07 (1.6... 2.5A) LRD08 (2.5... 4A)	-	-
	50	100		25	100		8	25				GV4LE03N	GV4L03N
	100	100		30	100		10	25				GV4LE03S	-
1.5... 3	25	100	2.2... 4	10	100	3... 7.5	-	-	7	42... 98	LRD08 (2.5... 4A) LRD10 (4... 6A)	-	-
	50	100		25	100		8	25				GV4LE07N	GV4L07N
	100	100		30	100		10	25				GV4LE07S	-
3... 5.5	25	100	3... 7.5	10	100	5.5... 11	-	-	12,5	75... 175	LRD12 (5.5... 8A) LRD14 (7... 10A) LRD313 (9... 13A)	-	-
	50	100		25	100		8	25				GV4LE12N	GV4L12N
	100	100		30	100		10	25				GV4LE12S	-
5.5... 11	25	100	7.5... 15	10	100	7.5... 18.5	-	-	25	150... 350	LRD318 (12... 18A) LRD325 (17... 25A)	GV4LE25B	GV4L25B
	50	100		25	100		8	25				GV4LE25N	GV4L25N
	100	100		30	100		10	25				GV4LE25S	-
11... 22	25	100	15... 30	10	100	18.5... 45	-	-	50	300... 700	LRD332 (23... 32A) LRD340 (30... 40A) LRD350 (37... 50A)	GV4LE50B	GV4L50B
	50	100		25	100		8	25				GV4LE50N	GV4L50N
	100	100		30	100		10	25				GV4LE50S	-
18.5... 37	25	100	22... 55	10	100	30... 55	-	-	80	480... 1120	LRD365 (48... 65A) LRD3363 (63... 80A)	GV4LE80B	GV4L80B
	50	100		25	100		8	25				GV4LE80N	GV4L80N
	100	100		30	100		10	25				GV4LE80S	GV4L80S
30... 55	25	100	30... 75	10	100	45... 90	-	-	115	690... 1610	LR9D5567 (60... 100A) LR9F5367 (60... 100A) LR9D5369 (90... 150A) LR9F5369 (90... 150A)	GV4LE115B	GV4L115B
	50	100		25	100		8	25				GV4LE115N	GV4L115N
	100	100		30	100		10	25				GV4LE115S	GV4L115S

Connection by lugs

To order circuit breakers with connection by lugs, add the digit **6** to the end of reference selected above. Example: ref. **GV4LE02N** becomes **GV4LE02N6**.

⁽¹⁾ As % of I_{cu}.

Motor
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Deca, Giga and Modular Motor circuit breakers

Product references

29450	GV2LE06	GV2P05	GV4AE11
29452	GV2LE07	GV2P06	GV4APN01
GB2CB05	GV2LE08	GV2P07	GV4APN02
GB2CB06	GV2LE10	GV2P08	GV4APN04
GB2CB07	GV2LE14	GV2P10	GV4AS027
GB2CB08	GV2LE16	GV2P14	GV4AS057
GB2CB09	GV2LE20	GV2P16	GV4AS137
GB2CB10	GV2LE22	GV2P20	GV4AS287
GB2CB12	GV2LE32	GV2P21	GV4AS487
GB2CB14	GV2ME01	GV2P22	GV4AU027
GB2CB16	GV2ME013	GV2P32	GV4AU057
GB2CB20	GV2ME016	GV2PC01	GV4AU137
GB2CB21	GV2ME01AP	GV2PC02	GV4AU247
GB2CD05	GV2ME02	GV2RT03	GV4AU286
GB2CD06	GV2ME023	GV2RT04	GV4AU415
GB2CD07	GV2ME02AP	GV2RT05	GV4AU486
GB2CD08	GV2ME03	GV2RT053	GV4G66
GB2CD09	GV2ME033	GV2RT06	GV4L02N
GB2CD10	GV2ME036	GV2RT07	GV4L02N6
GB2CD12	GV2ME03AP	GV2RT073	GV4L03N
GB2CD14	GV2ME04	GV2RT08	GV4L03N6
GB2CD16	GV2ME043	GV2RT10	GV4L07N
GB2CD20	GV2ME046	GV2RT14	GV4L07N6
GB2CD21	GV2ME04AP	GV2RT16	GV4L115B
GB2CS05	GV2ME05	GV2RT20	GV4L115B6
GB2CS06	GV2ME053	GV2RT21	GV4L115N
GB2DB05	GV2ME056	GV2SN14	GV4L115N6
GB2DB06	GV2ME05AP	GV2SN15	GV4L115S
GB2DB07	GV2ME06	GV2SN17	GV4L12N
GB2DB08	GV2ME063	GV2SN35	GV4L12N6
GB2DB09	GV2ME066	GV2SN37	GV4L25B
GB2DB10	GV2ME06AP	GV2V03	GV4L25B6
GB2DB12	GV2ME07	GV3A02	GV4L25N
GB2DB14	GV2ME073	GV3A03	GV4L25N6
GB2DB16	GV2ME076	GV3A08	GV4L50B
GB2DB20	GV2ME07AP	GV3A09	GV4L50B6
GB2DB21	GV2ME08	GV3APK01	GV4L50N
GK2AF01	GV2ME083	GV3APN01	GV4L50N6
GK2AX50	GV2ME086	GV3D22	GV4L80B
GV1F03	GV2ME08AP	GV3G66	GV4L80B6
GV1G02	GV2ME10	GV3L25	GV4L80N
GV1L3	GV2ME103	GV3L32	GV4L80N6
GV1V02	GV2ME106	GV3L326	GV4L80S
GV2AF01	GV2ME10AP	GV3L40	GV4LE02N
GV2AF02	GV2ME14	GV3L50	GV4LE02N6
GV2AF3	GV2ME143	GV3L65	GV4LE02S
GV2AF4	GV2ME146	GV3L73	GV4LE02S6
GV2AF5	GV2ME14AP	GV3L80	GV4LE03N
GV2AP04	GV2ME16	GV3P13	GV4LE03N6
GV2APK01	GV2ME163	GV3P18	GV4LE03S
GV2APN01	GV2ME166	GV3P25	GV4LE03S6
GV2APN02	GV2ME16AP	GV3P256	GV4LE07N
GV2APN03	GV2ME20	GV3P32	GV4LE07N6
GV2APN04	GV2ME203	GV3P321	GV4LE07S
GV2APN10	GV2ME206	GV3P40	GV4LE07S6
GV2CP21	GV2ME20AP	GV3P401	GV4LE115B
GV2GH7	GV2ME21	GV3P406	GV4LE115B6
GV2L03	GV2ME213	GV3P50	GV4LE115N
GV2L04	GV2ME216	GV3P501	GV4LE115N6
GV2L05	GV2ME21AP	GV3P506	GV4LE115S
GV2L06	GV2ME22	GV3P65	GV4LE115S6
GV2L07	GV2ME223	GV3P651	GV4LE12N
GV2L08	GV2ME226	GV3P656	GV4LE12N6
GV2L10	GV2ME22AP	GV3P73	GV4LE12S
GV2L14	GV2ME32	GV3P731	GV4LE12S6
GV2L16	GV2ME323S	GV3P736	GV4LE25B
GV2L20	GV2ME326	GV3P80	GV4LE25B6
GV2L22	GV2ME32AP	GV3PC01	GV4LE25N
GV2L32	GV2P01	GV3PC02	GV4LE25N6
GV2LE03	GV2P02	GV4ADM1111	GV4LE25S
GV2LE04	GV2P03	GV4ADN01	GV4LE25S6
GV2LE05	GV2P04	GV4ADN02	GV4LE50B

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This document is current.  Click on the product reference to get the most recent availability status (hyperlink to product datasheet).
If your product variant is no longer available, please consult your distributor or regional sales office.

GV4LE50B6	GV4PB80S	GV4PEM115S	GVAED101
GV4LE50N	GV4PE02N	GV4PEM115S6	GVAED1013
GV4LE50N6	GV4PE02N6	GV4PEM12N	GVAM11
GV4LE50S	GV4PE02S	GV4PEM12N6	GVAN11
GV4LE50S6	GV4PE02S6	GV4PEM12S	GVAN113
GV4LE80B	GV4PE03N	GV4PEM12S6	GVAN20
GV4LE80B6	GV4PE03N6	GV4PEM25B	GVAN203
GV4LE80N	GV4PE03S	GV4PEM25B6	GVAPBPHP
GV4LE80N6	GV4PE03S6	GV4PEM25N	GVAPH02
GV4LE80S	GV4PE07N	GV4PEM25N6	GVAPK11
GV4LE80S6	GV4PE07N6	GV4PEM25S	GVAPYPHP
GV4LUG	GV4PE07S	GV4PEM25S6	GVAS025
GV4P02N	GV4PE07S6	GV4PEM50B	GVAS026
GV4P02N6	GV4PE115B	GV4PEM50B6	GVAS055
GV4P03N	GV4PE115B6	GV4PEM50N	GVAS115
GV4P03N6	GV4PE115N	GV4PEM50N6	GVAS116
GV4P07N	GV4PE115N6	GV4PEM50S	GVAS207
GV4P07N6	GV4PE115S	GV4PEM50S6	GVAS225
GV4P115B	GV4PE115S6	GV4PEM80B	GVAS226
GV4P115B6	GV4PE12N	GV4PEM80B6	GVAS385
GV4P115N	GV4PE12N6	GV4PEM80N	GVAS415
GV4P115N6	GV4PE12S	GV4PEM80N6	GVAU025
GV4P115S	GV4PE12S6	GV4PEM80S	GVAU055
GV4P12N	GV4PE25B	GV4PEM80S6	GVAU115
GV4P12N6	GV4PE25B6	GV5AP03	GVAU116
GV4P25B	GV4PE25N	GV5P150F	GVAU125
GV4P25B6	GV4PE25N6	GV5P150H	GVAU207
GV4P25N	GV4PE25S	GV5P220F	GVAU225
GV4P25N6	GV4PE25S6	GV5P220H	GVAU226
GV4P50B	GV4PE50B	GV6AP03	GVAU385
GV4P50B6	GV4PE50B6	GV6P320F	GVAU386
GV4P50N	GV4PE50N	GV6P320H	GVAU415
GV4P50N6	GV4PE50N6	GV6P500F	GVAU416
GV4P80B	GV4PE50S	GV6P500H	GVAU505
GV4P80B6	GV4PE50S6	GV7AC01	GVAX115
GV4P80N	GV4PE80B	GV7AC021	GVAX116
GV4P80N6	GV4PE80B6	GV7AC022	GVAX225
GV4P80S	GV4PE80N	GV7AC03	GVAX226
GV4PB02N	GV4PE80N6	GV7AC04	GVAX385
GV4PB02S	GV4PE80S	GV7AC05	GVAX386
GV4PB03N	GV4PE80S6	GV7AC06	GVAX415
GV4PB03S	GV4PEM02N	GV7AC08	LA9E07
GV4PB07N	GV4PEM02N6	GV7AP01	LAD311
GV4PB07S	GV4PEM02S	GV7AP02	LAD96590
GV4PB115B	GV4PEM02S6	GV7AP04	LAD96595
GV4PB115N	GV4PEM03N	GV7AP05	LV429385
GV4PB115S	GV4PEM03N6	GVAD0101	LV429386
GV4PB12N	GV4PEM03S	GVAD0110	LV429387
GV4PB12S	GV4PEM03S6	GVAD1001	LV429388
GV4PB25B	GV4PEM07N	GVAD1010	LV429405
GV4PB25N	GV4PEM07N6	GVAE1	LV429406
GV4PB25S	GV4PEM07S	GVAE11	LV429407
GV4PB50B	GV4PEM07S6	GVAE113	LV429408
GV4PB50N	GV4PEM115B	GVAE20	
GV4PB50S	GV4PEM115B6	GVAE203	
GV4PB80B	GV4PEM115N	GVAED011	
GV4PB80N	GV4PEM115N6	GVAED0113	