

TeSys protection components

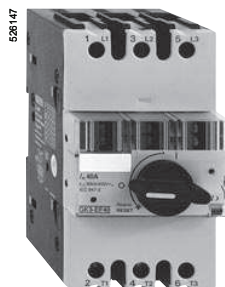
Magnetic motor circuit-breakers GV2 L, GV3 L and GK3 EF80



GV2 L10



GV3 L65



GK3 EF80

Motor circuit-breakers from 0.09 to 30 kW

GV2 L: 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 I _d ± 20 %	Use in association with thermal overload relay (class 10 A)	Reference	Weight
400/415 V			500 V			690 V							
P	I _{cu}	I _{cs} (1)	P	I _{cu}	I _{cs} (1)	P	I _{cu}	I _{cs} (1)	A	A			kg
0.09	*	*	-	-	-	-	-	-	0.4	5	LRD 03	GV2 L03	0.330
0.12	*	*	-	-	-	0.37	*	*	0.63	8	LRD 04	GV2 L04	0.330
0.18	*	*	-	-	-	-	-	-	0.63	8	LRD 04	GV2 L04	0.330
-	-	-	-	-	-	0.55	*	*	1	13	LRD 05	GV2 L05	0.330
0.25	*	*	-	-	-	-	-	-	1	13	LRD 05	GV2 L05	0.330
-	-	-	-	-	-	0.75	*	*	1	13	LRD 06	GV2 L05	0.330
0.37	*	*	0.37	*	*	-	-	-	1	13	LRD 05	GV2 L05	0.330
0.55	*	*	0.55	*	*	1.1	*	*	1.6	22.5	LRD 06	GV2 L06	0.330
-	-	-	0.75	*	*	-	-	-	1.6	22.5	LRD 06	GV2 L06	0.330
0.75	*	*	1.1	*	*	1.5	4	100	2.5	33.5	LRD 07	GV2 L07	0.330
1.1	-	-	-	-	-	-	-	-	-	-	LRD 08	GV2 L08	0.330
1.5	*	*	1.5	*	*	3	4	100	4	51	LRD 08	GV2 L08	0.330
-	-	-	-	-	-	-	-	-	-	-	LRD 08	GV2 L08	0.330
2.2	*	*	3	*	*	4	4	100	6.3	78	LRD 10	GV2 L10	0.330
3	*	*	4	10	100	5.5	4	100	10	138	LRD 12	GV2 L14	0.330
4	-	-	-	-	-	-	-	-	-	-	LRD 14	GV2 L14	0.330
-	-	-	-	-	-	7.5	4	100	10	138	LRD 14	GV2 L14	0.330
-	-	-	-	-	-	9	4	100	14	170	LRD 16	GV2 L16	0.330
5.5	50	50	7.5	10	75	11	4	100	14	170	LRD 16	GV2 L16	0.330
7.5	50	50	9	10	75	15	4	100	18	223	LRD 21	GV2 L20	0.330
9	50	50	11	10	75	18.5	4	100	25	327	LRD 22	GV2 L22	0.330
11	50	50	15	10	75	-	-	-	25	327	LRD 22	GV2 L22	0.330
15	35	50	18.5	10	75	22	4	100	32	416	LRD 32	GV2 L32	0.330

GV3 L: control by rotary knob, connection by EverLink® BTR screw connectors

Standard power ratings of 3-phase motors 50/60 Hz in category AC-3									Magnetic protection rating	Tripping current I _d ± 20 %	Use in association with thermal overload relay (class 10 A)	Reference	Weight
400/415 V			500 V			690 V							
P	I _{cu}	I _{cs} (1)	P	I _{cu}	I _{cs} (1)	P	I _{cu}	I _{cs} (1)	A	A			kg
11	100	100	15	12	50	18.5	6	50	25	350	LRD 325	GV3 L25	0.960
15	100	100	18.5	12	50	22	6	50	32	448	LRD 332	GV3 L32	0.960
18.5	50	100	22	12	50	37	6	50	40	560	LRD 340	GV3 L40	0.960
22	50	100	30	12	50	45	6	50	50	700	LRD 350	GV3 L50	0.960
30	50	100	37	12	50	55	6	50	65	910	LRD 365	GV3 L65	0.960

Connection by EverLink® BTR screw connectors, for assembly with a contactor

To assemble a **GV3 L25 to L65** circuit-breaker with an **LC1 D40A to D65A** contactor, it is possible to use the circuit-breaker supplied without downstream EverLink® power terminal block. To order this product, add the digit **1** to the end of the references selected above. Example: **GV3 L65** becomes **GV3 L651**.

Connection by lugs

To order these circuit-breakers with connection by lugs, add the digit **6** to the end of reference selected above. Example: **GV3 L32** becomes **GV3 L326**.

GK3: control by rotary knob, connection by screw clamp terminals

37	35	25	55	15	30	-	-	-	80	1040	LRD 3363	GK3 EF80	0.795
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(1) As % of I_{cu}. Associated current limiter or fuses, where required. See characteristics page 3/17.

* > 100 kA.