

TeSys Power

Circuit Breakers for Motor Protection

GV4LE



- IEC/EN 60947-1, IEC/EN 60947-2, CCC, EAC
- Can be used with class 5, 10 or 20 relay
- Short Circuit Protection with an adjustable pick-up $I_i = 6$ to 14 In.
- From 0.25 - 55kW

Magnetic Toggle Control

Motor Power AC-3 (400/415V AC)		In	Magnetic Setting Range	25kA Breaking Capacity		50kA Breaking Capacity		100kA Breaking Capacity	
kW	HP	(A)	A	Reference	Unit MRP [₹]	Reference	Unit MRP [₹]	Reference	Unit MRP [₹]
0.25..0.75	0.3..1	2	12..28	-	-	GV4LE02N6	On Request	GV4LE02S6	On Request
0.55..1.5	0.7..2	3.5	21..49	-	-	GV4LE03N6		GV4LE03S6	
1.5..3	2..4	7	42..96	-	-	GV4LE07N6		GV4LE07S6	
3..5.5	4..7.5	12.5	75..175	-	-	GV4LE12N6		GV4LE12S6	
5.5..11	7.5..14	25	150..350	GV4LE25B6	On Request	GV4LE25N6		GV4LE25S6	
11..22	15..30	50	300..700	GV4LE50B6		GV4LE50N6		GV4LE50S6	
18.5..37	25..50	80	480..1120	GV4LE80B6		GV4LE80N6		GV4LE80S6	
30..55	40..75	115	690..1610	GV4LE115B6		GV4LE115N6		GV4LE115S6	

Note: For Everlink termination please order after removing the 6 at the end Eg. GV4LE115N

GV4PE



- IEC/EN 60947-1, IEC/EN 60947-2, IEC/EN 60947-4-1, UL 60497-4-1, CCC, EAC, CSA
- Overload or thermal protection
- Short time delay protection
- Short circuit protection
- Fixed Ground fault protection
- Phase unbalance or phase loss
- Front indications through LED
- Variable Trip class : Trip Class 10/ Trip Class 20

Thermal Magnetic Protection Toggle Control

Motor Power AC-3 (400/415V AC)		In	Magnetic Setting Range	25kA Breaking Capacity		50kA Breaking Capacity		100kA Breaking Capacity	
kW	HP	(A)	A	Reference	Unit MRP [₹]	Reference	Unit MRP [₹]	Reference	Unit MRP [₹]
0.25..0.75	0.3..1	2	0.8..2	-	-	GV4PE02N6	On Request	GV4PE02S6	On Request
0.55..1.5	0.7..2	3.5	1.4..3.5	-	-	GV4PE03N6		GV4PE03S6	
1.5..3	2..4	7	2.9..7	-	-	GV4PE07N6		GV4PE07S6	
3..5.5	4..7.5	12.5	5..12.5	-	-	GV4PE12N6		GV4PE12S6	
5.5..11	7.5..14	25	10..25	GV4PE25B6	On Request	GV4PE25N6		GV4PE25S6	
11..22	15..30	50	20..50	GV4PE50B6		GV4PE50N6		GV4PE50S6	
18.5..37	25..50	80	40..80	GV4PE80B6		GV4PE80N6		GV4PE80S6	
30..55	40..75	115	65..115	GV4PE115B6		GV4PE115N6		GV4PE115S6	

Note: For Everlink version please order after removing the 6 at the end. Eg. GV4PE115N

Crimp Lug/busbar connection			
Description	Sold in lots of	Reference	
Crimped lug connector + screws	1	GV4LUG	
Transparent terminal shield for crimped lug connector	1	LAD96590	
Interphase barriers	6	LV426920	
Spreader 3-pole	To increase the pitch to 35 mm	1	LV426940

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Accessories for GV4



MX Shunt Trip

- Trips the circuit breaker when the control voltage rises above 70% of rated voltage
- Shunt trip 110..130V AC is suitable.. etc for ground fault protection when combined with a Class I ground fault sensing element

MN Under Voltage Release

Trips the circuit breaker when the control voltage drops below 35% of its rated voltage

Description	Mounting	Voltage	References	Unit MRP [₹]
Mx Shunt Trip	Internal, Plug-In	220-240 VAC 50 Hz, 208-240 VAC 60 Hz, 277 VAC 60 Hz	GV4AS287	On Request
Mn Under Voltage Release	Internal, Plug-In	440-480 VAC 60 Hz	GV4AU486	

Auxiliary Contact Blocks



An auxiliary contact block provides one changeover contact with one common point for OF and SD function, depending on where it is inserted

Open/Close OF Function: indicates position of the circuit breaker contacts

Trip Alarm SD Function: indicates circuit breaker tripping due to:

- Electrical fault (overload, short circuit)
- Shunt trip/Undervoltage release
- "Push to Trip" Function

Resets when the circuit breaker is reset

Description	Maximum Number	Mounting	Type of Contacts	Reference	Unit MRP [₹]
Auxiliary Contact Block	2 (1 Each For OF or SD)	Internal Plug-In	NO + NC	GV4AE11	On Request

Rotary Handles

Description	Type	Degree of Protection	Reference	Unit MRP [₹]
Direct Mounting Rotary Handle	BLACK	IP40	GV4ADN01	On Request
	BLACK	IP54	GV4APN01	
Front Extended Rotary Handle (Min Shaft Length 214Mm/Max Shaft Length 627Mm)	RED HANDLE ON YELLOW BEZEL	IP54	GV4APN02	
	RED HANDLE ON YELLOW BEZEL	IP65	GV4APN04	

Connection Accessories

Description	Reference
Spreader 3-pole (To increase pitch to 35mm) (1 pce)	LV426940