

# TeSys protection components

## Thermal-magnetic and magnetic motor circuit breakers GV2 with screw clamp connections

### Add-on blocks and accessories

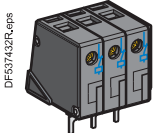
Contact blocks						
Description	Mounting	Maximum number	Type of contacts	Sold in lots of	Unit reference	
Instantaneous auxiliary contacts	Front <sup>(1)</sup>	1	N/O or N/C <sup>(2)</sup>	10	GVAE1	
			N/O + N/C	10	GVAE11	
			N/O + N/O	10	GVAE20	
	Side (LH)	2	N/O + N/C	1	GVAN11	
			N/O + N/O	1	GVAN20	
Fault signalling contact + instantaneous auxiliary contact	Side <sup>(3)</sup> (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
<b>Undervoltage or shunt trips<sup>(4)</sup></b>			
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	

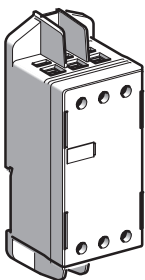
Undervoltage trip, INRS (can only be mounted on GV2 ME) Safety device for dangerous machines conforming to INRS and VDE 0113			
Side (1 block on RH side of circuit breaker GV2 ME)	110...115 V	50 Hz	GVAX115
		60 Hz	GVAX116
	127 V	60 Hz	GVAX115
	220...240 V	50 Hz	GVAX225
		60 Hz	GVAX226
	380...400 V	50 Hz	GVAX385
		60 Hz	GVAX386
	415...440 V	50 Hz	GVAX415
	440 V	60 Hz	GVAX385

Add-on contact blocks			
Description	Mounting	Maximum number	Reference
Visible isolation block <sup>(5)</sup>	Front <sup>(1)</sup>	1	GV2AK00 <sup>(6)</sup>
Limiters	At top (GV2 ME and GV2 P)	1	GV1L3
	Independent	1	LA9LB920

- (1) Mounting of a **GV AE** contact block or a **GV2 AK00** visible isolation block on **GV2 P** and **GV2 L**.
- (2) Choice of N/C or N/O contact operation, depending on which way round the reversible block is mounted.
- (3) The **GV AD** is always mounted next to the circuit breaker.
- (4) To order an undervoltage trip: replace the dot (●) in the reference with a **U**, example: **GV AU025**.  
To order a shunt trip: replace the dot (●) in the reference with an **S**, example: **GV AS025**.
- (5) Visible isolation of the 3 poles upstream of circuit breaker **GV2 P** and **GV2 L**.  
Visible isolation block **GV2 AK00** cannot be used with motor circuit breakers **GV2 P32** and **GV2 L32** (Ith max = 25 A).
- (6) Ie Max = 32 A.



GV1L3



LA9LB920