

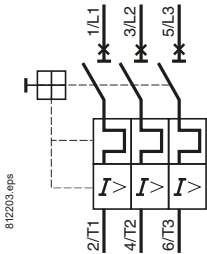
TeSys Control

Circuit breaker and auxiliaries / accessories

Schemes

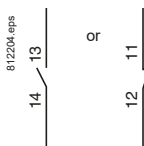
Schemes

GV2ME●●

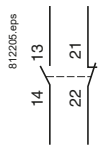


Instantaneous auxiliary contacts

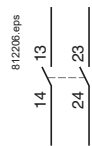
GVAE1



GVAE11

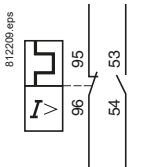


GVAE20

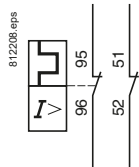


Instantaneous auxiliary contacts and fault signalling contacts

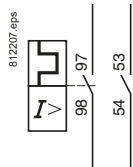
GVAD0110



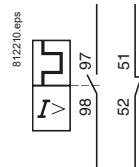
GVAD0101



GVAD1010

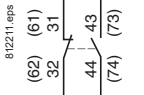


GVAD1001

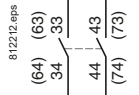


Instantaneous auxiliary contacts

GVAN11



GVAN20



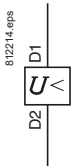
Short-circuit signalling contacts

GVAM11

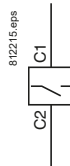


Undervoltage trips

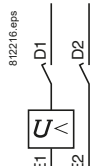
GVAU●●●



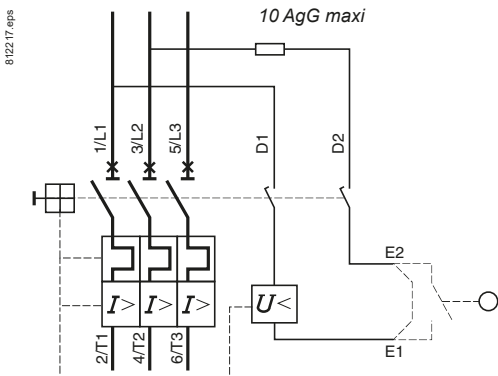
GVAS●●●



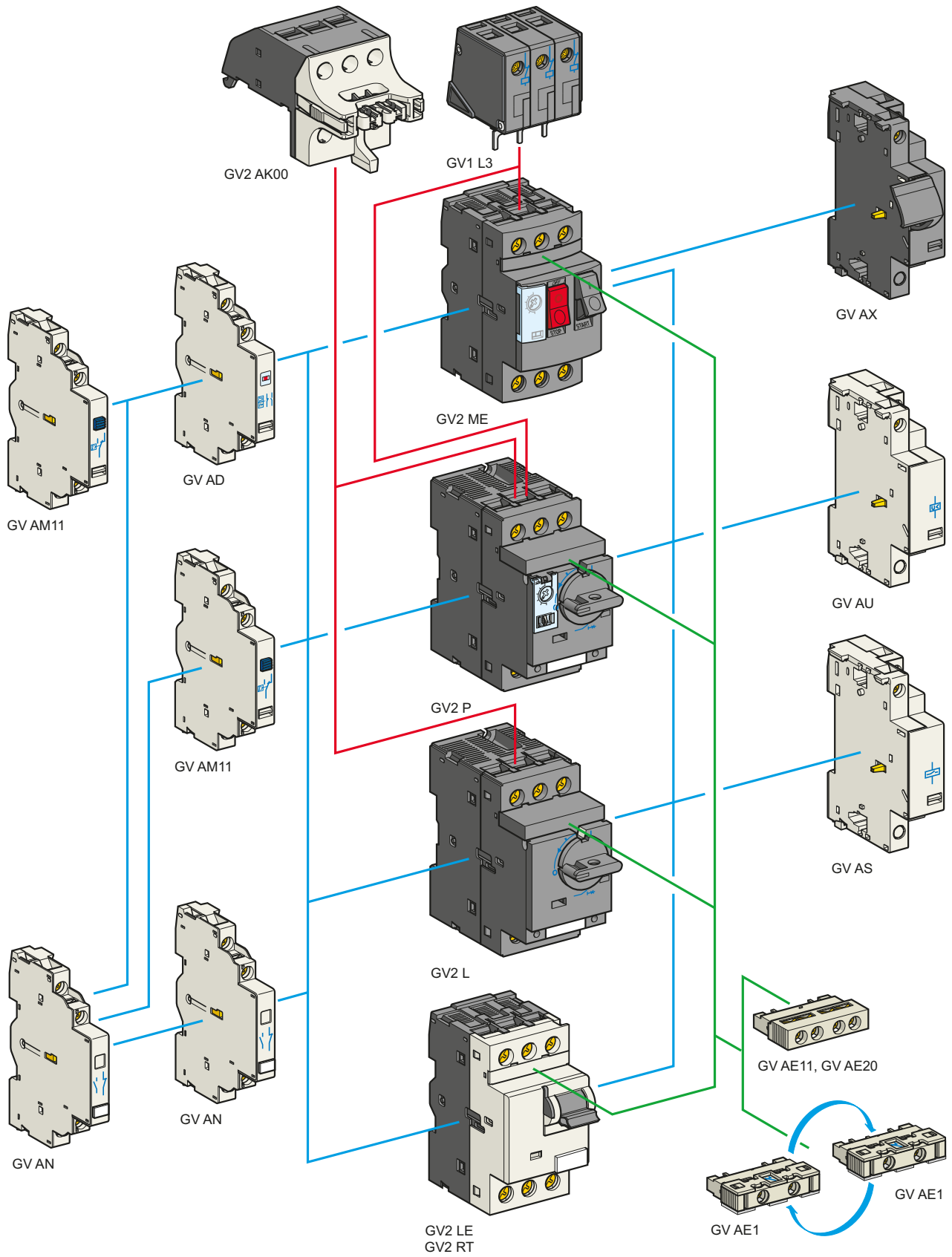
GVAX●●●



Wiring diagram for undervoltage trip used on potentially dangerous machines, conforming to INRS



Motor circuit breakers



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
		60 Hz	GVA●107
	110...115 V	50 Hz	GVA●115
		60 Hz	GVA●116
	120...127 V	50 Hz	GVA●125
		60 Hz	GVA●115
	200 V	50 Hz	GVA●207
		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
		60 Hz	GVA●416
	440 V	60 Hz	GVA●385
60 Hz		GVA●415	
500 V	50 Hz	GVA●505	
	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
		50 Hz	GVAX225
	220...240 V	60 Hz	GVAX226
		50 Hz	GVAX385
	380...400 V	60 Hz	GVAX386
		50 Hz	GVAX415
	415...440 V	60 Hz	GVAX416
		440 V	60 Hz

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	1	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.



GV1L3



LA9LB920

