



Automatización Eléctrica

Especialistas en Automatización

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Standstill monitoring unit

Safe standstill monitoring unit based on Back-EMF operation for two- and three-phase systems.

- Ready to use – covering all standard applications without additional setup
- Easy integration in star- and delta wiring
- Clear LED diagnosis of all in- and output signals for easy maintenance
- Applicable up to PLe according to EN ISO 13849-1

Ordering information

Safety standstill monitoring unit				
Safety outputs ^{*1}	Auxiliary outputs ^{*1}	Power input	Terminal block type	Order code
Instantaneous		Rated supply voltage		
3 (Semi-conductors)	2 (Semi-conductors)	24 VDC	Screw terminals	G9SX-SM032-RT
			Spring-cage terminals	G9SX-SM032-RC

^{*1} PNP transistor output

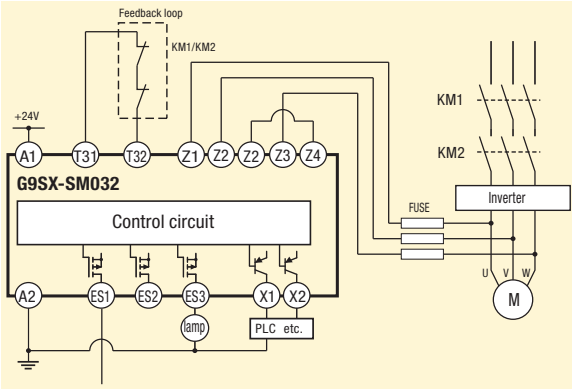
Specifications

Ratings of standstill monitoring unit

Power input	
Item	G9SX-SM032-__
Rated supply voltage	24 VDC
Inputs	
Item	G9SX-SM032-__
Input voltage	Standstill detection input (Z1-Z2/Z3-Z4) AC 415 Vrms + 10% max.
Maximum power supply frequency for AC induction motor	60 Hz max.
Internal impedance	Standstill detection input: approx. 660 kΩ EDM input: approx. 2.8 kΩ
Outputs	
Item	G9SX-SM032-__
Safety standstill detection output	Sourcing output (PNP) Load current: 300 mA DC max.
Auxiliary output	Sourcing output (PNP) Load current: 100 mA DC max.

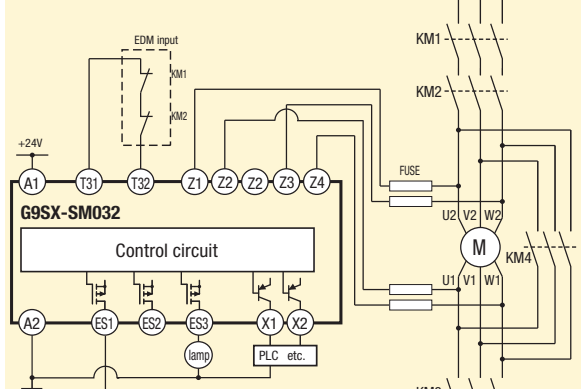
Application example

3-phase motor



Standstill detected

3-phase motor with star-delta wiring



Standstill detected



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Product	Code	Reference	Product link
Industrial relays, SPDT 10A Enchuf. LED Indic. Diode	177322	G2R-1-SND DC24	Buy on EAN