



Standstill Monitor

Standstill monitoring without additional sensors





Product description

The Standstill Monitor MOC3ZA is a safety device for machine drives and serves to protect against dangerous movements. It also measures the residual voltage meaning that no additional sensors are required for the purpose of standstill monitoring. This renders the device suitable for applications with three-phase, single-phase and direct current motors. For optimum integration into the work environment the Standstill Monitor MOC3ZA is available in three different versions – depending on the supply voltage. The positively guided safety contacts enable the device to be connected to all of SICK's safe control solutions.

At a glance

- Standstill monitoring by means of residual voltage measurement
- 3 normally open and 1 normally closed positively guided safety contacts
- 2 application diagnostic outputs for semiconductors
- 1 application diagnostic output normally open
- PL e (EN ISO 13849), SIL3 (IEC 61508), SILCL 3 (EN 62061)
- Maximum motor supply voltage 690 V
- Adjustable voltage threshold and standstill period

Your benefits

- Quick mounting and installation thanks to the lack of additional wiring requirements
- Simple commissioning with a screwdriver
- Easy to retrofit as the subsequent mounting of sensors is not necessary

Fields of application

- Monitoring of machine drives
- Door release following standstill detection
- Unlocking of hazardous areas

Ordering information

Other models and accessories → www.sick.com/Standstill_Monitor

Supply voltage	Voltage type	Connection type	Type	Part no.
24 V	DC	Screw-type terminals	MOC3ZA-KAZ33D3	6044981
		Spring terminals	MOC3ZA-KAZ34D3	6047866
230 V	AC	Screw-type terminals	MOC3ZA-KAZ33A3	6044982
		Spring terminals	MOC3ZA-KAZ34A3	6047865
400 V	AC	Screw-type terminals	MOC3ZA-KAZ33A6	6044983
		Spring terminals	MOC3ZA-KAZ34A6	6047864

SICK AT A GLANCE

SICK is one of the leading manufacturers of intelligent sensors and sensor solutions for industrial applications. A unique range of products and services creates the perfect basis for controlling processes securely and efficiently, protecting individuals from accidents and preventing damage to the environment.

We have extensive experience in a wide range of industries and understand their processes and requirements. With intelligent sensors, we can deliver exactly what our customers need. In application centers in Europe, Asia and North America, system solutions are tested and optimized in accordance with customer specifications. All this makes us a reliable supplier and development partner.

Comprehensive services complete our offering: SICK LifeTime Services provide support throughout the machine life cycle and ensure safety and productivity.

For us, that is “Sensor Intelligence.”

WORLDWIDE PRESENCE:

Contacts and other locations –www.sick.com