

Features:

- ☑ SIL 3 according to DIN EN 61508 and DIN EN 61511
- ☑ SIL CL 3 according to EN 62061
- ☑ Performance Level e according to DIN EN ISO 13849-1
- ☑ Safety category 4 according to DIN EN 954-1
- ☑ no external initiators necessary
- ☑ independant of direction
- ☑ broken wire detection
- ☑ positive guided safety contacts: 3 NO contacts, 1 NC contact for AC 250V
- ☑ adjustable voltage setting
- ☑ adjustable standstill time delay
- ☑ LED indicators for standstill, event of line breakage and operating voltage
- ☑ suitable for operating with inverters
- ☑ width 45 mm
- ☑ nominal motor voltage up to 690V



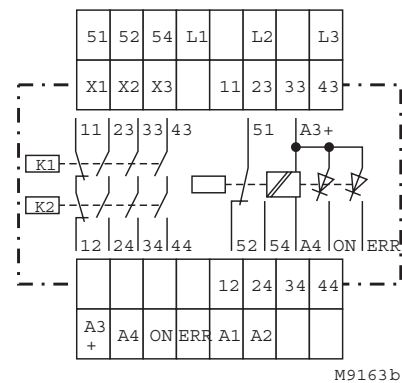
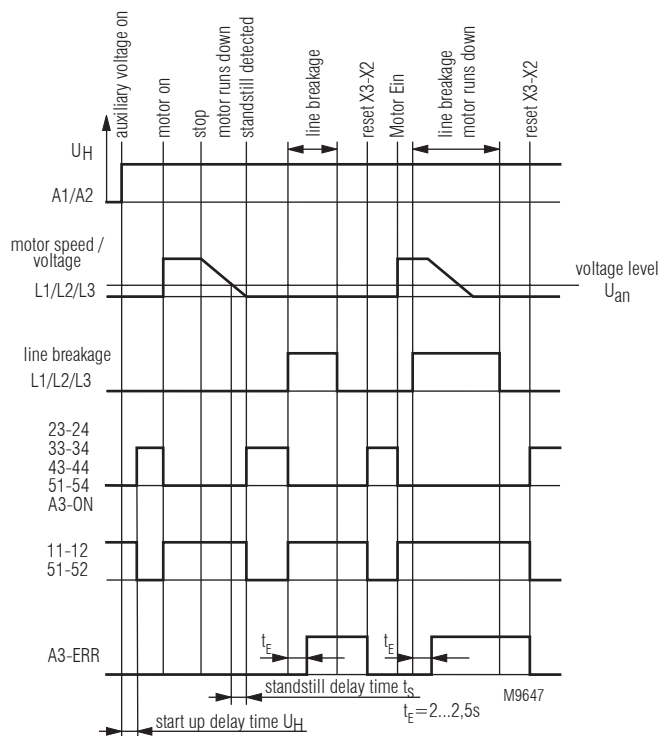
Safety Standstill Monitor
VersiSafe
CE UL in preparation

Function:

- ☑ safe standstill detection on 3 - and single-phase motors
- ☑ detection of standstill via monitoring of remanence voltage
- ☑ redundant measurement via two independent channels
- ☑ adaptable to various motor types and applications

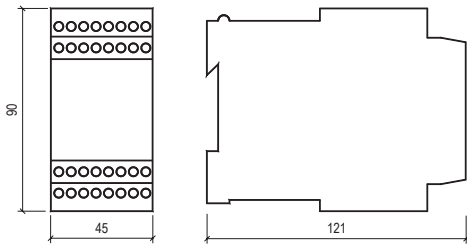
Typical applications:

- Safe standstill detection in:
- safety circuits according to IEC/EN 60204 in machines with dangerous parts or tools (e.g. to enable gate interlocks on machine tools or to activate hold in brakes)
 - to avoid damage if unexpected start can cause collision
 - motor control when reversing direction

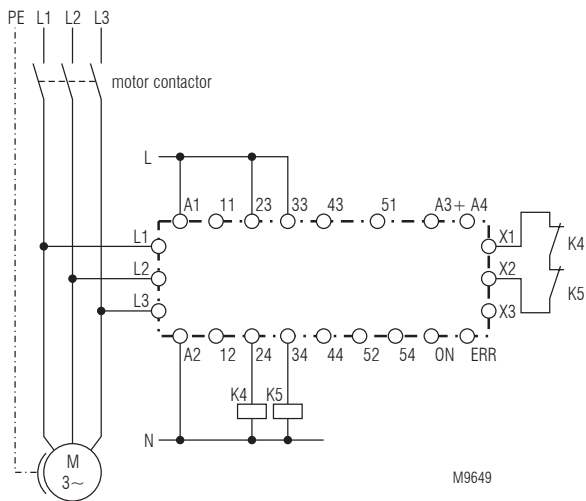


Technical Data		VersiSafe		
Input L1, L2, L3 measuring-/motor voltage		max. AC 690V		
Safety output		AC 250, 5A		
Indicator contact		AC 250, 3A		
Auxiliary voltage U_H	DC 24V	AC230	AC 400V	
Response value U_{an}	20...400mV (special unit 0,2 ... 4V)			
standstill time t_s	0,2...6s			
Max. operating frequency	1200/h			
Ambient/Storage temperature	-25°C...+60°C/ -40°C...+75°C			
Weight / kg	0,4			
Order number	27801.69000	27800.69000	27802.69000	
Special unit/Response value U_{an} 0,2 ... 4V				
Order number	27804.69000	27803.69000	27805.69000	

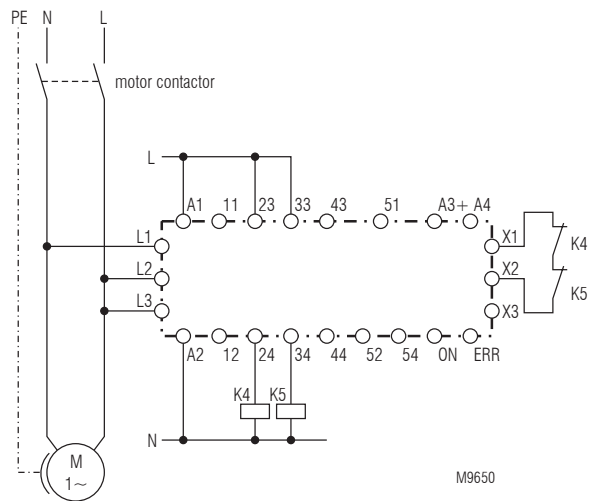
Dimensions:



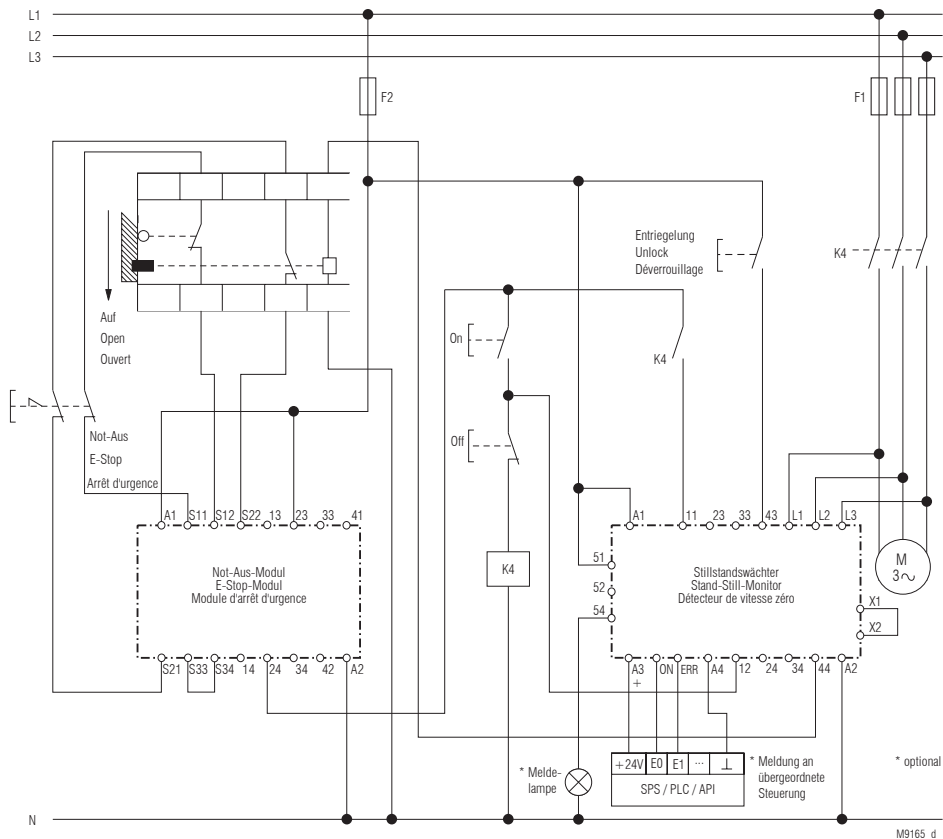
Connection Diagramm:



with three-phase motor



with single-phase motor



typical combined connection with emergency stop