



Sterowniki bezpieczeństwa Flexi Classic Muting main unit

UE410-MM4



Nazwa modelu > **UE410-MM4**

Numer części > **6034645**

At a glance

- Two variants to choose from: main module for common applications or an expert module for muting
- Central processing unit
- Modularly expandable
- 6 inputs, 4 outputs
- Small width of 22.5 mm
- Pluggable terminals for a fast module replacement
- PNP outputs, each up to 2A

Your benefits

- One module offers complete functionality of inputs and outputs up to the logic
- Easy to expand if more inputs and outputs are required
- Easy diagnostics via clear LED status indicators, which reduces downtime
- Use of powerful PNP semiconductor outputs allows to remove relays



Zastosowania

Przełącznik zatrzymania awaryjnego:	-
Optoelektroniczne urządzenia ochronne:	✓
Bezkontaktowe zamki bezpieczeństwa:	✓
Sterowanie oburęczne:	-
Testable inductive sensors:	-
Elektromechaniczne zamki bezpieczeństwa:	-

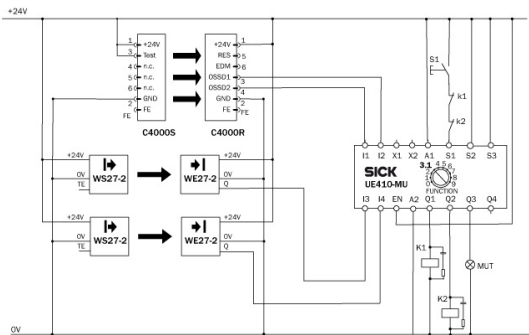
Funkcje

Number of reset-/restart inputs:	1
Number of external device monitoring:	1
Maskowanie (muting):	✓
Override:	✓
Belt stop:	-
Monitorowanie zbieżności:	✓
Monitoring total muting time:	✓
Sensor gap monitoring:	✓
End of muting by ESPE:	✓
Logical functions:	Muting, override
Safe device communication via EFI/SDL:	-

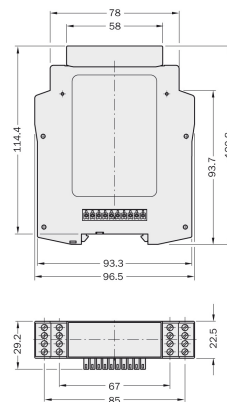
Dane techniczne

Poziom bezpieczeństwa funkcjonalnego:	SIL3 (IEC 61508), SILCL3 (IEC 62061)
Performance Level:	PL e (EN ISO 13849)
Kategoria:	Kategoria 4 (EN ISO 13849)
PFHd:	$7,9 \cdot 10^{-9}$
TM (Czas użytkowania):	20 a
Number of inputs:	1 dual-channel and 4 single-channel
Number of muting sensors:	2, 4
Total muting monitoring time:	Activation and time adjustable 0,33 ... 60 min
Number of outputs:	1 dual-channel and 2 single-channel
Type of output safety capable outputs:	PNP semiconductors, short-circuit protected, cross-circuit monitored
Output voltage HIGH:	18 V DC ... 30 V DC
Maximum output current:	2 A
Maksymalny czas reakcji:	< 13 ms
Enclosure rating:	IP 20 (EN/IEC 60529)
Klasa ochronności:	III
Stop category to EN 60204:	0, 1, EN 60204
Napięcie zasilania:	19,2 V DC, 24 V DC, 30 V DC
Type of supply voltage:	PELV (electrical output circuit on UE410-4RO/UE410-2RO > 25 V AC/60 V DC), PELV or SELV (electrical output circuit on UE410-4RO/UE410-2RO < 25 V AC/60 V DC)
Maksymalny pobór mocy:	3 W
Maximum switch on time:	10 s
Sposób przyłączenia:	dual-level spring clamp terminals
Temperatura otoczenia, praca od ... do:	-25 °C ... 55 °C
Temperatura przechowywania od ... do:	-25 °C ... 70 °C
Odporność na drgania (sprawdzono do):	EN 60068-2-6, EN 61131-2
Wymiary (Szer. x Wys. x Głęb.):	29 mm x 96,5 mm x 120,8 mm
Ciężar:	180 g

Connection diagram



Dimensional drawing



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