

Sterowniki bezpieczeństwa Flexi Classic Moduł rozszerzenia

UE410-XU4T0



Nazwa modelu > [UE410-XU4T0](#)

Numer części > [6035245](#)

At a glance

- Two different types: in-/output expansion modules and input expansion modules
- Two variants per type : module for common applications and an expert module for muting
- Modularly expandable
- 6 inputs, 4 outputs or 8 inputs
- Small width of 22.5 mm
- Pluggable terminals for a fast module replacement
- PNP outputs, each up to 2A

Your benefits

- Only one configuration for the complete system, simplifying commissioning
- Rich diagnostic functions available via Fieldbus gateway module
- Easy to expand if more inputs are required
- Easy diagnostics via clear LED status indicators
- Use of powerful PNP semiconductor outputs allows to remove relays



!Safety-related parameters!

Poziom bezpieczeństwa funkcjonalnego:	SIL3 (IEC 61508)
Kategoria:	Kategoria 4 (EN ISO 13849)
Performance Level:	PL e (EN ISO 13849)
PFHd:	2,5 * 1E-09 6,0 * 10-9
TM (Czas użytkowania):	20 a
Kategoria bezpiecznego zatrzymania:	0 (EN 60204)

Funkcje

Number of reset-/restart inputs:	2
Number of external device monitoring:	2
Maskowanie (muting):	✓

!Mechanical data!

Wymiary (Szer. x Wys. x Głęb.):	22,5 mm x 96,5 mm x 120,8 mm
Ciężar:	180 g

!Electrical data!

Kontrola synchronizacji:	1.500 ms (at program 2), 500 ms (at program 4 and 5)
Klasa ochrony:	EN 61140
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)
Napięcie zasilania:	24 V DC (19,2 V DC ... 30 V DC)
Tętnienia resztkowe:	≤ 3 V
Pobór mocy:	3 W
Zabezpieczenie przed zwarciami:	4 A gG
Switch-on time:	60 s
Switch-on time of inputs:	70 ms
Input voltage HIGH:	13 V DC ... 30 V DC
Input voltage LOW:	-5 V DC ... 5 V DC
Input current HIGH:	2,4 mA ... 3,8 mA
Input current LOW:	-2,5 mA ... 2,1 mA
Output voltage:	18 V DC ... 30 V DC
Prąd wyjściowy:	2 A
Muting time to operate:	61 ms, at program 3 ¹⁾
Tolerated muting sensor signal interrupt:	100 ms, at program 3 ²⁾
Rodzaj wyjścia:	PNP semiconductors, short-circuit protected, cross-circuit monitored
Czas reakcji:	≤ 13 ms ≤ 79 ms ³⁾
Number of inputs:	2 dual-channel or 4 single-channel
Number of outputs:	2 dual-channel or 4 single-channel
Number of muting sensors:	0, 2

¹⁾ Time between valid muting condition and active muting ²⁾ One muting input may be LOW for this time ³⁾ Depending on the selected program and the connected sensors

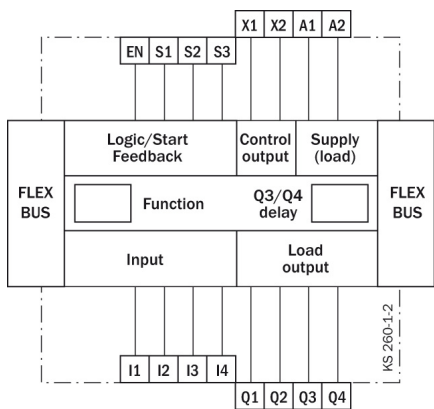
Interfejsy

Typ połączenia:	Cable gland
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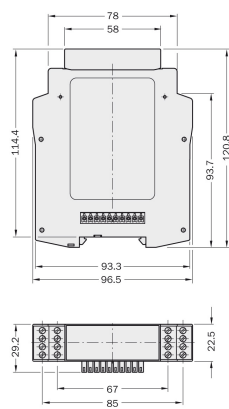
Dane otoczenia

Sposób przyłączenia:	Plug-in spring terminals
Stopień ochrony, zaciski:	IP 20
Protection class housing:	IP 40
Temperatura pracy:	-25 °C ... 55 °C
Temperatura składowania:	-25 °C ... 70 °C
Wilgotność powietrza:	15 % ... 95 %, nie parujące
Climate conditions according to:	EN 61131-2
Kompatybilność elektromagnetyczna (EMC):	EN 61000 EN 55011
Odporność na drgania:	5 g, 5 Hz ... 500 Hz (EN 60068-2-6)

Connection diagram



Dimensional drawing



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