



Sterowniki bezpieczeństwa Flexi Classic Extension unit

UE410-XU4T50



Nazwa modelu > **UE410-XU4T50**

Numer części > **6032673**



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



Zastosowania

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

Funkcje

Number of reset-/restart inputs:	2
Number of external device monitoring:	2
Maskowanie (muting):	✓
Logical functions:	OR, AND, BYPASS, Muting
Safe device communication via EFI/SDL:	-

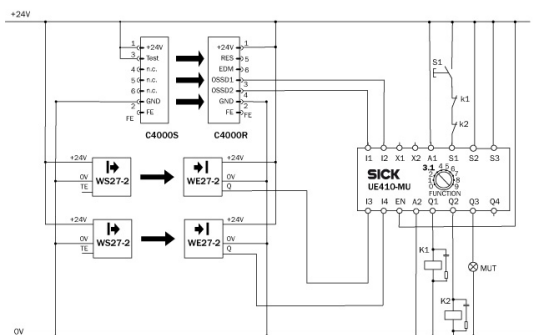
Dane techniczne

Poziom bezpieczeństwa funkcjonalnego:	SIL3 (IEC 61508)
Performance Level:	PL e (EN ISO 13849)
Kategoria:	Kategoria 4 (EN ISO 13849)

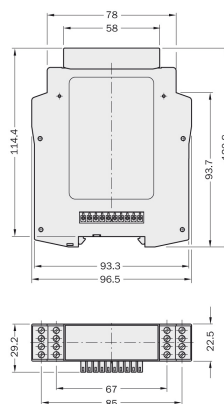
PFHd::	2,5 * 1E-09 ¹⁾ 2) 6,0 * 1E-09
TM (Czas użytkowania):	20 a
Number of inputs:	2 dual-channel or 4 single-channel
Number of muting sensors:	0, 2
Kontrola synchronizacji:	1.500 ms (at program 2), 500 ms (at program 4 and 5)
Number of outputs:	2 dual-channel or 4 single-channel
Type of output safety 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 ... 79 ms ³⁾
Czas opóźnienia:	0 s ... 50 s, adjustable
Rodzaj zabezpieczenia:	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:	60 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.):	22,5 mm x 96,5 mm x 120,8 mm
Ciężar:	180 g

1) Dual-channel outputs 2) Single-channel outputs 3) Depending on the selected program and the connected sensors

Connection diagram



Dimensional drawing



Australia

Phone +61 3 9497 4100
1800 334 802 – tollfree
E-Mail sales@sick.com.au

Belgium/Luxembourg

Phone +32 (0)2 466 55 66
E-Mail info@sick.be

Brasil

Phone +55 11 3215-4900
E-Mail sac@sick.com.br

Canada

Phone +1(952) 941-6780
1 800-325-7425 – tollfree
E-Mail info@sickusa.com

Ceská Republika

Phone +420 2 57 91 18 50
E-Mail sick@sick.cz

China

Phone +852-2763 6966
E-Mail ghk@sick.com.hk

Danmark

Phone +45 45 82 64 00
E-Mail sick@sick.dk

Deutschland

Phone +49 211 5301-301
E-Mail kundenservice@sick.de

España

Phone +34 93 480 31 00
E-Mail info@sick.es

France

Phone +33 1 64 62 35 00
E-Mail info@sick.fr

Great Britain

Phone +44 (0)1727 831121
E-Mail info@sick.co.uk

India

Phone +91-22-4033 8333
E-Mail info@sick-india.com

Israel

Phone +972-4-999-0590
E-Mail info@sick-sensors.com

Italia

Phone +39 02 27 43 41
E-Mail info@sick.it

Japan

Phone +81 (0)3 3358 1341
E-Mail support@sick.jp

Magyarország

Phone +36 1 371 2680
E-Mail office@sick.hu

Nederlands

Phone +31 (0)30 229 25 44
E-Mail info@sick.nl

Norge

Phone +47 67 81 50 00
E-Mail austefjord@sick.no

Österreich

Phone +43 (0)22 36 62 28 8-0
E-Mail office@sick.at

Polska

Phone +48 22 837 40 50
E-Mail info@sick.pl

România

Phone +40 356 171 120
E-Mail office@sick.ro

Russia

Phone +7 495 775 05 30
E-Mail info@sick.ru

Schweiz

Phone +41 41 619 29 39
E-Mail contact@sick.ch

Singapore

Phone +65 6744 3732
E-Mail admin@sicksgp.com.sg

South Africa

Phone +27 11 472 3733
E-Mail info@sickautomation.co.za

South Korea

Phone +82-2 786 6321/4
E-Mail info@sickkorea.net

Slovenija

Phone +386 (0)1-47 69 990
E-Mail office@sick.si

Suomi

Phone +358-9-25 15 800
E-Mail sick@sick.fi

Sverige

Phone +46 10 110 10 00
E-Mail info@sick.se

Taiwan

Phone +886 2 2375-6288
E-Mail sales@sick.com.tw

Türkiye

Phone +90 216 528 50 00
E-Mail info@sick.com.tr

United Arab Emirates

Phone +971 4 8865 878
E-Mail info@sick.ae

USA/México

Phone +1(952) 941-6780
1 800-325-7425 – tollfree
E-Mail info@sickusa.com

More representatives and agencies
at www.sick.com