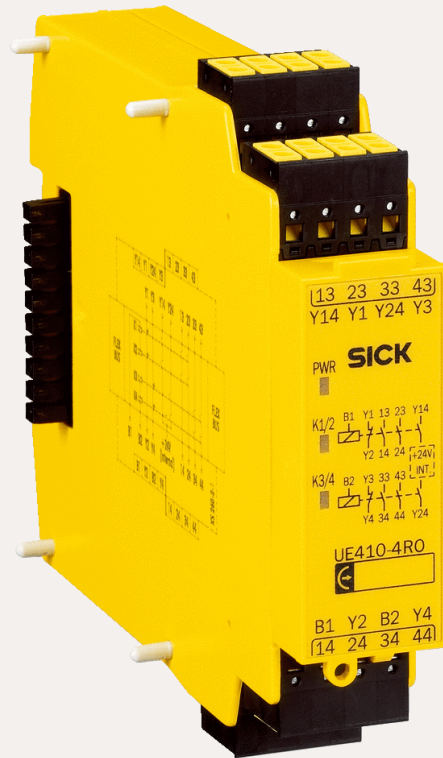




DATA SHEET

UE410-4RO4

Flexi Classic
Safety controllers

SICK

Sensor Intelligence



Illustration may differ

SAFETY CONTROLLERS

UE410-4RO4

ORDERING INFORMATION

Type	part no.
UE410-4RO4	6032676

Further device versions and accessories at www.sick.com/Flexi_Classic



DETAILED TECHNICAL DATA

FEATURES

Module	Relay module
Configuration method	Hard wired

SAFETY-RELATED PARAMETERS

Safety integrity level	SIL 3 (IEC 61508)
Category	Category 4 (EN ISO 13849)
Performance level	PL e (EN ISO 13849)

INTERFACES

Outputs	4 enabling current paths
Number of control inputs	2 (B1, B2)
Number of enable current contacts	4 (I3/I4, 23/24, 33/34, 43/44)
Number of signaling current paths	2 (Y14, Y24)
Number of signaling current contacts	2 (Y1/Y2, Y3/Y4)
Connection type	Plug-in spring terminals
Display elements	LEDs

ELECTRONICS

Protection class	III (EN 61140)
Voltage supply	Via FLEXBUS+
Power consumption	≤ 3.2 W
Internal power consumption	≤ 3.2 W ¹⁾

¹⁾ Via FLEXBUS+.

Overvoltage category		II (EN 61131-2)
Switching inputs	Terminals	B1, B2
	Input voltage	18 V DC ... 30 V DC
Enabling current paths	Terminals	13/14, 23/24, 33/34, 43/44
	Type of output	Potential-free NO contacts, positively guided
	Switching voltage	5 V AC/DC ... 253 V AC/DC
	Switching current	10 mA ... 6 A
Signaling current paths	Terminals	Y14, Y24
	Type of output	NO contact, connected to internal 24 V DC, positively guided, current-limited
	Output voltage	16 V DC ... 30 V DC
	Output current	≤ 75 mA
Check-back current paths	Terminals	Y1/Y2, Y3/Y4
	Type of output	Potential-free NC contacts, positively guided
	Switching voltage	5 V AC/DC ... 253 V AC/DC
	Switching current	10 mA ... 6 A

¹⁾ Via FLEXBUS+.

MECHANICS

Dimensions (W x H x D)	22.5 mm x 96.5 mm x 120.8 mm
Weight	186 g (± 5 %)

AMBIENT DATA

Enclosure rating	Housing	IP40 (EN 60529)
	Terminals	IP20 (EN 60529)
Ambient operating temperature		-25 °C ... +55 °C
Storage temperature		-25 °C ... +70 °C
Air humidity		≤ 95 %, Non-condensing
Climate conditions according to		EN 61131-2 (55 °C ambient operating temperature, 95% rel. humidity)
Electromagnetic compatibility (EMC)		Class A (EN 61000-6-2, EN 55011)

CERTIFICATES

EU declaration of conformity	✓
UK declaration of conformity	✓
ACMA declaration of conformity	✓
China RoHS	✓
CCC certificate	✓
UK-Type-Examination approval	✓
cULus certificate	✓
KC Mark certificate	✓
cTUVus certificate	✓
S Mark certificate	✓
EC-Type-Examination approval	✓
EC-Type-Examination approval (Machinery Regulation)	✓

Information according to Art. 3 of Data Act (Regulation EU 2023/2854)



Further information as well as suitable accessories, example applications and downloads such as CAD dimensional models, operating instructions and software can be found at www.sick.com/6032676



SICK AG
WALDKIRCH
GERMANY
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SICK AT A GLANCE

SICK is a leading global technology company for intelligent sensors and integrated solutions in industrial automation. Our technologies set benchmarks, making your industrial processes more efficient, safer and more sustainable – both in logistics and manufacturing operations.

SICK combines sensor intelligence with industry expertise and certified consulting services. We provide the ideal foundation for scalable as well as tailor-made automation solutions and create added value along the entire value chain. Our close partnerships with our customers are more than just a promise: Together, we optimize productivity, improve quality, protect health and safety, and help build a sustainable future. All with empathy and trust.

Since 1946, we have been developing innovative technologies with passion and a pioneering spirit. With a global network in around 40 countries, SICK has a global presence and is always close by. The company's headquarters are located in Waldkirch near Freiburg, Germany. Our customers benefit from our understanding of both local and global requirements, which enables us to deliver tailor-made solutions

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