

UE410-2R04

Flexi Classic

SAFETY CONTROLLERS

SICK
Sensor Intelligence.



Illustration may differ



Ordering information

Type	Part no.
UE410-2R04	6032677

Other models and accessories → www.sick.com/Flexi_Classic

Detailed technical data

Features

Module	Relay module
Configuration method	Hard wired

Safety-related parameters

Safety integrity level	SIL3 (IEC 61508) SILCL3 (EN 62061)
Category	Category 4 (EN ISO 13849)
Performance level	PL e (EN ISO 13849)

Interfaces

Outputs	2 enable current contacts
Number of control inputs	1 (B1)
Number of enable current contacts	2 (13/14, 23/24)
Number of signalling current contacts	1 (Y14)
Number of contactor monitoring contacts	1 (Y1/Y2)
Connection type	Plug-in spring terminals
Display elements	LEDs

Electrical data

Protection class	III (EN 61140)
Voltage supply	Via FLEXBUS+
Power consumption	≤ 1.6 W
Internal power consumption	≤ 1.6 W ¹⁾
Overvoltage category	II (EN 61131-2)
Switching inputs	
Terminals	B1

¹⁾ Via FLEXBUS+.

Input voltage	18 V DC ... 30 V DC
Enable current contacts	
Terminals	13/14, 23/24
Type of output	Potential-free NO contacts, positively guided
Switching voltage	5 V AC/DC ... 253 V AC/DC
Current-carrying capacity per OSSD	10 mA ... 6 A
Signalling current contacts	
Terminals	Y14
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
Contact monitoring contacts	
Terminals	Y1/Y2
Type of output	Potential-free NC contacts, positively guided
Switching voltage	5 V AC/DC ... 253 V AC/DC
Current-carrying capacity per OSSD	10 mA ... 6 A

¹⁾ Via FLEXBUS+.

Mechanical data

Dimensions (W x H x D)	22.5 mm x 96.5 mm x 120.8 mm
Weight	160 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	15 % ... 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)
Vibration resistance	5 g RMS, 5 Hz ... 500 Hz (EN 60068-2-64)

Classifications

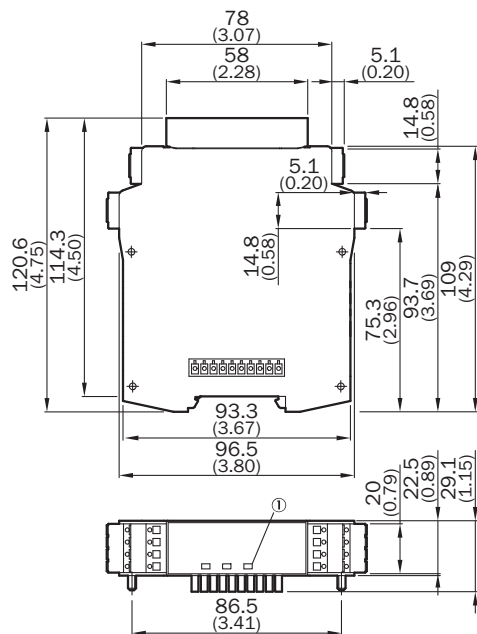
ECl@ss 5.0	27242290
ECl@ss 5.1.4	27249090
ECl@ss 6.0	27249090
ECl@ss 6.2	27249090
ECl@ss 7.0	27249090
ECl@ss 8.0	27249090
ECl@ss 8.1	27249090
ECl@ss 9.0	27249090
ETIM 5.0	EC002632
ETIM 6.0	EC002632

UNSPSC 16.0901

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Dimensional drawing (Dimensions in mm (inch))

UE410-2R04, UE410-4R04



① Only valid for UE410-4R04

SICK AT A GLANCE

SICK is one of the leading manufacturers of intelligent sensors and sensor solutions for industrial applications. A unique range of products and services creates the perfect basis for controlling processes securely and efficiently, protecting individuals from accidents and preventing damage to the environment.

We have extensive experience in a wide range of industries and understand their processes and requirements. With intelligent sensors, we can deliver exactly what our customers need. In application centers in Europe, Asia and North America, system solutions are tested and optimized in accordance with customer specifications. All this makes us a reliable supplier and development partner.

Comprehensive services complete our offering: SICK LifeTime Services provide support throughout the machine life cycle and ensure safety and productivity.

For us, that is “Sensor Intelligence.”

WORLDWIDE PRESENCE:

Contacts and other locations –www.sick.com