

PSEN sg2c-3LBE unit

570802



Safety gate system 2. generation, safe interlock with safe guard locking, in accordance with EN 60947-5-1, for applications up to PL e. Consisting of 3 elements: 1. Illuminated pushbutton for activating the safety gate. 2. Key switch for access and release of the safety gate, 3. Emergency stop pushbutton. Scope of supply: Sensing device with pushbuttons including coloured caps and escape release bar as well as actuator for right or left-hinged doors.

Technical details

General data

Approval:	CE, UKCA, cULus Listed, FCC, TÜV
Sensor principle:	Transponder
Coding level to ISO 14119:	gering
Transponder coding:	codiert
Suitable for series connection:	ja
unit type:	Unit

Technical data

Electrical data

Supply voltage (V):	24
Type of supply voltage U1:	DC
Power consumption DC:	2

Inputs

Number of inputs:	2
U input to EN 61131-2 Type 2:	24 V DC

Emergency stop

Number, E-STOP N/C:	2
Release type emergency stop:	Drehentriegelung
Switch cap. E-STOP to standard:	EN 60947-5-1

Semiconductor outputs

Number of OSSD outputs:	2
Number of sig. outputs:	2
S/C output short circuit proof:	ja
Button	
Contact material button:	AgNi
Switch cap. button to standard:	EN 60947-5-1
Environmental data	
Ambient temperature standard:	EN 60068-2-14
Ambient temperature:	-20
Storage temperature standard:	EN 60068-2-1/-2
Climatic suitability standard:	EN 60068-2-78
Humidity rating:	93 % r. F. bei 40 °C
EMC to standard ...:	EN 55011: Class A, EN 61000-4-8, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6, EN 61000-4-2, EN 61000-4-3
Vibration to standard ...:	EN 60068-2-6
Acc. shock to standard1:	30g
Overvoltage category:	III
Pollution degree clear.&creep.:	3
Protection type, housing:	IP54
UL enclosure type:	Type 1
Switching distances	
Change op. dist. temp.change:	+0,01mm/°C
Mechanical data	
Escape release available:	ja
Holding force, closing movemen:	1000
Holding force pan direction:	2000
Max. vertical offset:	+/-2,5 mm
Max. angular offset:	+/-1,5 deg
Type 1 actuator:	PSEN sg2 actuator

Connection type:	Federzugklemme steckbar
Cable lines:	LiYY 24 x 0,5 mm ²
Housing material upper part:	Kunststoff
Material actuator:	Edelstahl
Height dimension:	465
Width dimension:	200
Depth dimension:	108
Net weight:	2570
Gross weight:	2950
Transponder	
Operating frequency:	122 kHz - 128 kHz
Environment	
RoHS directive:	2011/65/EU, 2015/863/EU
RoHS conformity:	yes
RoHS exceptions:	yes
RoHS except.s acc. to direct.:	7a, 6c, 7c I
REACH compliance:	contains min. 1 SVHC-substance
REACH included substances:	Lead, Lead oxide
%-part of the pollutant:	> 0,1%
CAS No.:	7439-92-1, 1317-36-8
WEEE classification (08/2018):	5 devices (feed size < 50cm)
SCIP entry available:	yes
Commercial data	
Harmonized System Code:	85365019
UNSPSC 25:	39122205
EAN-Code:	4046548079739
ECLASS version:	ECLASS-13
ECLASS Reference Feature:	27272603
ETIM Version:	ETIM-9.0

ETIM Reference Group:	EG000026
ETIM Reference Feature:	EC002593
Volume:	0

Optional accessories

570875

PSEN sg color covers (pushbutton)



570777

PSEN sg2c Set spring loaded terminals



570871

PSEN sg auxiliary release pin



570773

PSEN sg2 cover 2pieces



570870

PSEN sg escape release pin



570890

PSEN sg2 actuator

