PSEN sg2c-5LPLLE unit 570812



Safety gate system 2. generation, safe interlock with safe guard locking, in accordance with EN 6094753, for applications up to PL e. Consisting of 5 elements: 1. Illuminated pushbutton for activating the safety gate, 2. Pushbutton for access and release of the safety gate, 3. Illuminated pushbutton, 4. Illuminated pushbutton, 5. Emergency stop pushbutton. Scope of supply: Sensingdevice 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:	Pluggable spring terminal
Cable lines:	LiYY 24 x 0,5 mm2
Housing material upper part:	Kunststoff
Material actuator:	Edelstahl
Height dimension:	555
Width dimension:	200
Depth dimension:	108
Net weight:	2670
Gross weight:	3050
Transponder	
Operating frequency:	122 kHz - 128 kHz
Environment	
RoHS directive:	2011/65/EU, 2015/863/EU
RoHS conformity:	yes
RoHS exceptions:	no
REACh compliance:	Contains no SVHC substances
WEEE classifikation (08/2018):	5 devices (feed size < 50cm)
Commercial data	
Harmonized System Code:	85365019
UNSPSC 25:	39122205
EAN-Code:	4046548079838
ECLASS version:	ECLASS-13
ECLASS Reference Feature:	27272603
ETIM Version:	ETIM-9.0
ETIM Reference Group:	EG000026
ETIM Reference Feature:	EC002593
Volume:	0 dm3

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