

PSEN sg2c-3LPS unit

570804



Safety gate system 2. generation, safe interlock with safe guard locking, in accordance with EN 60947-5-3, for applications up to PL e. Consisting of 3 elements: 1. Illuminated pushbutton for activating the safety gate, 2. Pushbutton for access and release of the safety gate, 3. Section 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
Area stop	
Release type section stop:	Drehentriegelung
Switch cap. button 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 mm2
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:	4046548079753
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

