

## Datasheet - PSC1-C-10-FB2-PBPS

Programmable safety controllers / PROTECT PSC1 / PSC1-C-10



(Minor differences between the printed image and the original product may exist!)

### Ordering details

Product type description	PSC1-C-10-FB2-PBPS
Article number	103011989
EAN Code	
eCl@ss	

### Classification

PL e  
 12.6 x 10<sup>-9</sup> / 4  
 SIL 3  
 20 Years = max.

### Global Properties

Product name	PSC1
	2
	14 ()
	2
	4
	-
	2
	-
	2

termination	2
	-
	-
	-

## **\$missingName\$**

---

-FB2-PBPS

## **Mechanical data**

---

(H x T x B)	100 x 115 x 67.5 mm
Weight	400 g
Mounting	3
Min. Cable section / AWG	0,2 mm <sup>2</sup> / 24
Max. Cable section	2.5 mm <sup>2</sup> / 12

## **Electrical data**

---

	24 VDC; 2 A ( -15 %, +20 %)
A1.1	min. 30 VDC; max. 3.15 A
A1.2	min. 30 VDC; max. 10 A
	6.5 W
	24 VDC / 20 mA, Type 1 To EN 61131-2
	24 VDC; 2 A ***
	24 VDC; 2 A ***
Signalling outputs	24 VDC; 250 mA
	24 VDC; 250 mA
DC-13	24 VDC; 2 A
AC-15	230 VAC; 2 A
	-

## **Electrical data (\$missingName\$)**

---

30 °C: 24 VDC; 2 A (G.P.)  
50 °C: 24 VDC; 1.8 A (G.P.)  
30 °C: 24 VDC; 2 A ( G.P.)  
50 °C: 24 VDC; 1.8 A (G.P.)  
8 A  
24 VDC; 250 mA (G.P).  
24 VDC; 2 A ()  
120 VAC; 2 A ()

## **\$missingName\$**

---

Protection rating	0 °C ... +50 °C Operation -25 °C ... +70 °C , IP20
EMV	5 % - 85 % EN 61000-6-2, EN 61000-6-4, EN 61000-6-7, EN 61800-3, EN 61326-3, EN 62061

	2000 m
Overvoltage category	III
Degree of pollution	2

## notice

---

(\*\*)

(\*\*\*)

(1)

(2) under preparation

## Documents

---

**Configuration software** (de, en) 115 kB, 12.12.2018

Code: ks\_psc1-a-91-safeplc2\_de\_en

**Device description files** (en) 71 kB, 03.07.2018

Code: ks\_psc1-fb\_config\_files\_en

**Device description files** (de) 70 kB, 03.07.2018

Code: ks\_psc1-fb\_config\_files\_de

**Installation manual standard fieldbus** (en) 9 MB, 05.11.2018

Code: installationshandbuch\_psc1\_feldbusse\_en

**Installation manual standard fieldbus** (de) 9 MB, 05.11.2018

Code: installationshandbuch\_psc1\_feldbusse\_de

**Installation manual** (en) 9 MB, 05.11.2018

Code: installationshandbuch\_psc1-c-10\_en

**Installation manual** (de) 8 MB, 05.11.2018

Code: installationshandbuch\_psc1-c-10\_de

**Software manual** (de) 16 MB, 05.11.2018

Code: programming\_manual\_safeplc2\_de

**Software manual** (en) 17 MB, 05.11.2018

Code: programming\_manual\_safeplc2\_en

**TÜV certification** (de, en) 614 kB, 23.11.2017

Code: q\_pscp01

**EAC certification** (ru) 1 MB, 15.03.2018

Code: q\_aes01

## Images

---

K.A. Schmersal GmbH & Co. KG, Möddinghofe 30, D-42279 Wuppertal

The data and values have been checked thoroughly. Technical modifications and errors excepted.

Generiert am 13.02.2019 - 14:12:27h Kasbase 3.3.0.F.64I