

## Datasheet - PSC1-C-100-FB1-ECFS

Programmable safety controllers / PROTECT PSC1 / PSC1-C-100



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

### Ordering details

Product type description	PSC1-C-100-FB1-ECFS
Article number	103011997
EAN Code	
eCl@ss	

### Classification

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

### Global Properties

Product name	PSC1
	8 *
	14 ()
	2
	4
	20
	2
	-
	6
	2
termination	-
	-
	-

### \$missingName\$

-FB1-ECFS

### Mechanical data

(H x T x B)	100 x 115 x 112.5 mm
Weight	630 g
Mounting	
	5
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
A1.3 –	min. 30 VDC; max. 10 A
A1.4	min. 30 VDC; max. 10 A
A1.5 –	min. 30 VDC; max. 10 A
A1.6	min. 30 VDC; max. 10 A
	3.5 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
0 – 4, 10 – 14	24 VDC / 0,5 A
5 – 9, 15 – 19	24 VDC; 2 A
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.)
0 – 4, 10 – 14	24 VDC; 0,5 A (G.P.)
5 – 9, 15 – 19	30 °C: 24 VDC; 2 A (G.P.)
	50 °C: 24 VDC; 1.8 A (G.P.)
	10 A
	24 VDC; 2 A ( )
	120 VAC; 2 A ( )

## \$missingName\$

	0 °C ... +50 °C Operation
	-25 °C ... +70 °C ,
Protection rating	IP20
	5 % – 85 %
EMV	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

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(1)

## Documents

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**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** (de) 9 MB, 05.11.2018

Code: installationshandbuch\_psc1-c-100\_de

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

Code: installationshandbuch\_psc1-c-100\_en

**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

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

Generiert am 13.02.2019 - 14:12:44h Kasbase 3.3.0.F.64I