

PSC1-E-31-12DI-10DIO

- 12 digital safe inputs
- 2 additional signalling outputs
- 10 switchable safe inputs/outputs
- Expansion module for the product series PSC1-C-100

Data

Ordering data

	PSC1-E-31-12DI-10DIO
	103012195
EAN (European Article Number)	4030661482118
eCl@ss number, Version 9.0	27-37-18-19

Approval - Standards

TÜV
cULus
EAC

General data

Product name	PSC1
Terminal (mechanical)	Removable screw terminals
Gross weight	400 g

General data - Features

Number of digital fail-safe inputs	10
Number of digital fail-safe in-/outputs	10
Number of signalling outputs	2

Safety appraisal

Performance level, up to	e
Control category to EN13849	4
Safety Integrity Level (SIL), applicable for	3

Mission Time	20 Year(s)
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Mechanical data

Mounting	can be clipped into standard rail
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Mechanical data - Connection technique

	0.2 mm ²
	2.5 mm ²
Wire cross-section, minimum	24 AWG
Wire cross-section, maximum	12 AWG

Mechanical data - Dimensions

Width	45 mm
Height	100 mm
Depth	115 mm

Ambient conditions

	IP20
Ambient temperature, minimum	+0 °C
Ambient temperature, maximum	+50 °C
Storage and transport temperature, minimum	-25 °C
Storage and transport temperature, maximum	+70 °C
Relative humidity, minimum	5 %
Relative humidity, maximum	85 %
Note (Relative humidity)	non-condensing
Zulässige Aufstellhöhe über NN, maximum	2,000 m

Ambient conditions - Insulation value

III
2

Electrical data

Operating voltage, minimum	20.4 VDC
Operating voltage, maximum	28.8 VDC

Electrical data - Fail-safe digital outputs

Rated operating current (safety outputs)	2,000 mA
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Electrical data - Safe relay outputs

Voltage, Utilisation category AC15	230 VAC
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Current, Utilisation category AC-15	2 A
Voltage, Utilisation category DC13	24 VDC
Current, Utilisation category DC13	2 A

Electrical data - Electromagnetic compatibility (EMC)

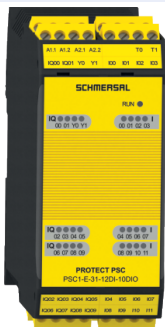
- DIN EN 62061
- DIN EN 61800-3
- DIN EN 61000-6-4
- DIN EN 61000-6-7
- DIN EN 61326-3
- DIN EN 61000-6-2

Scope of delivery

Included in delivery	Backplane bus connector Connector terminals
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Pictures

Photo/Product/Catalogue



ID: kpsc1f19

| 99,6 kB | .png | 74.083 x 146.756 mm - 210 x 416
 Pixel - 72 dpi
 | 1,5 MB | .jpg | 315.383 x 625.122 mm - 894 x 1772
 Pixel - 72 dpi

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The details and data referred to have been carefully checked. Images may diverge from original. Further technical data can be found in the manual. Technical amendments and errors possible.

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