

PSC1-E-33-12DI-6DIO-4RO

- 2 Relay contacts
- 2 additional signalling outputs
- Extension with up to 18 digital in-/outputs
- Connection for all conventional safety switchgear up to PL e to ISO 13849-1

Data

Ordering data

PSC1-E-33-12DI-6DIO-4RO

103008456

EAN (European Article Number)

4030661455174

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	300 g

General data - Features

Number of relay outputs (1-channel)	4
Number of digital fail-safe inputs	6
Number of digital fail-safe in-/outputs	6
Number of signalling outputs	2

Safety appraisal

Performance level, up to	e
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Control category to EN13849	4
Safety Integrity Level (SIL), applicable for	3
Mission Time	20 Year(s)

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	67.5 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
Current, Utilisation category AC-15	2 A
Voltage, Utilisation category DC13	24 VDC
Current, Utilisation category DC13	2 A

Electrical data - Electromagnetic compatibility (EMC)

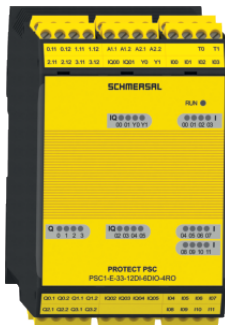
DIN EN 62061
DIN EN 61800-3
DIN EN 61000-6-4
DIN EN 61000-6-7
DIN EN 61326-3
DIN EN 61000-6-2

Scope of delivery

Included in delivery	Backplane bus connector Connector terminals
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Pictures

Photo/Product/Catalogue



ID: kpsc1f21

| 71,7 kB | .png | 74.083 x 105.481 mm - 210 x 299
Pixel - 72 dpi

| 1,3 MB | .jpg | 352.778 x 502.356 mm - 1000 x 1424
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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