

PSC1-E-37-14DI-4DO-2RO-RIO

- **2 Signalling outputs**
- **2 safety relay contacts**
- **14 safe inputs on the base module**
- **Decentral expansion with 14 digital inputs**
- **4 safe 2 A pp-switching semiconductor outputs, switchable to 2 safe pn-switching outputs**

Data

Ordering data	
	PSC1-E-37-14DI-4DO-2RO-RIO
	103008459
EAN (European Article Number)	4030661455204
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	554.7 g
General data - Features	
Master-Slave-Kommunikation	Yes
Number of pulse outputs (test pulse output)	2
Number of relay outputs (1-channel)	2
Number of digital fail-safe inputs	14
Number of fail-safe digital outputs	4
Number of signalling outputs	2

Safety appraisal	
Performance level, up to	e
Control category to EN13849	4
PFH-value	1.26 x 10^{-8} /h
Safety Integrity Level (SIL), applicable for	3
Mission Time	20 Year(s)
Mechanical data	
Mounting	can be clipped into standard rail
Mechanical data - Connection technique	
	0.2 mm²
	2.5 mm²
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 - Universal communication interface	
	RJ45
Electrical data - Fail-safe digital outputs	
Rated operating current (safety outputs)	2,000 mA
Versions	short-circuit proof, p-type (Q2 und Q3)
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

Pictures

Photo/Product/Catalogue



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| 1,2 MB | .jpg | 352.778 x 501.65 mm - 1000 x 1422 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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