

PSC1-E-24-SDM2-2

- **12 digital fail-safe inputs**
- **Expansion module for the product series PSC1-C-100**
- **supports encoder: TTL, sin/cos, SSI, HTL, Resolver**
- **Safe drive monitoring according to EN 61800-5-2 (SDM – Safe Drive Monitoring) for up to 2 axes**

Data

Ordering data	
	PSC1-E-24-SDM2-2
	103008464
EAN (European Article Number)	4030661455242
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	767.2 g
General data - Features	
Number of digital fail-safe inputs	12
Safety appraisal	
Performance level, up to	e
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
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	90 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 - 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

Electrical data - Spindle monitoring	
Number of axis monitoring, max.	2
	SSI HTL TTL SINCOS Resolver

Scope of delivery	
Included in delivery	Backplane bus connector Connector terminals

Pictures

Photo/Product/Catalogue



ID: kpsc1f26

| 63,6 kB | .png | 74.083 x 82.197 mm - 210 x 233 Pixel - 72 dpi
| 1,0 MB | .jpg | 352.778 x 391.583 mm - 1000 x 1110 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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