



Módulo de expansão de entradas

Com os módulos de expansão, o número de entradas e saídas de segurança podem ser aumentados. Um grande número de funções de segurança pode ser monitorado por vários módulos montados em série.

Especificação Técnica

- Categoria de segurança PLd de acordo com a norma EN ISO 13849-1 e SIL2 de acordo com a norma IEC 61508
- Terminais de engate rápido
- LEDs para diagnóstico de status e sinal de saída de controle
- Número de sensores pode ser aumentado para 4 por sinal de entrada
- Montagem em cascata permite conexão de até 64 sensores em uma unidade de controle*

*

Para atingir o nível de segurança máximo, é necessário integrar os sinais de saída de controle no monitoramento (iniciar o inter travamento em caso de falha). Se as interfaces estiverem em cascata, isso pode resultar em uma redução do nível de segurança máximo PL.

IMAGE 1/4

Technical drawing of a mechanical part, likely a bracket or support. The drawing shows a side view with a total width of 71. The left section has a width of 39, and the right section has a width of 16. The part features a complex profile with a stepped top edge and a vertical slot on the right side.

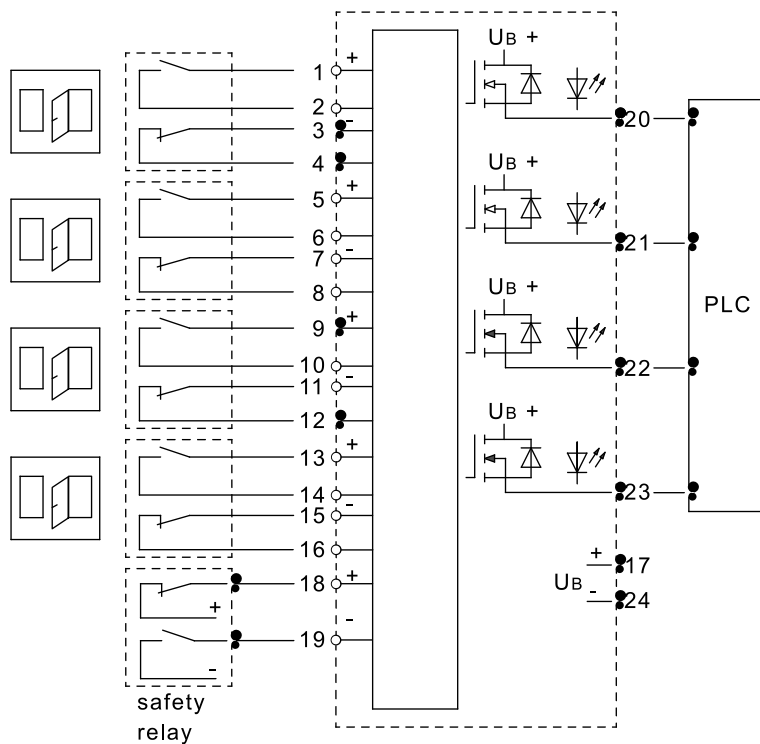
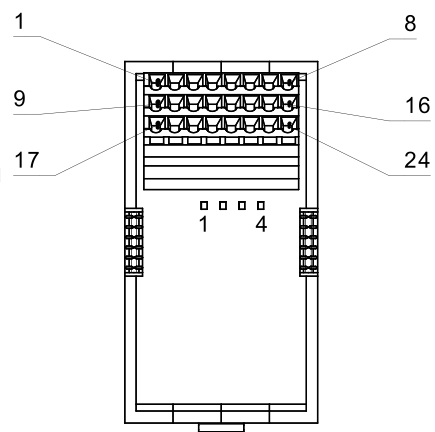
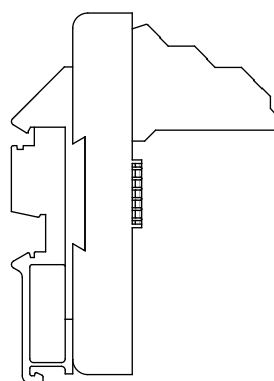
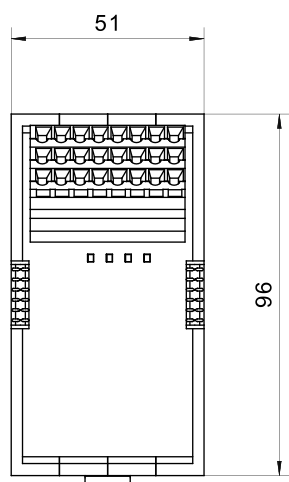


IMAGE 2/4

36396k30



IMAGE 3/4

363967

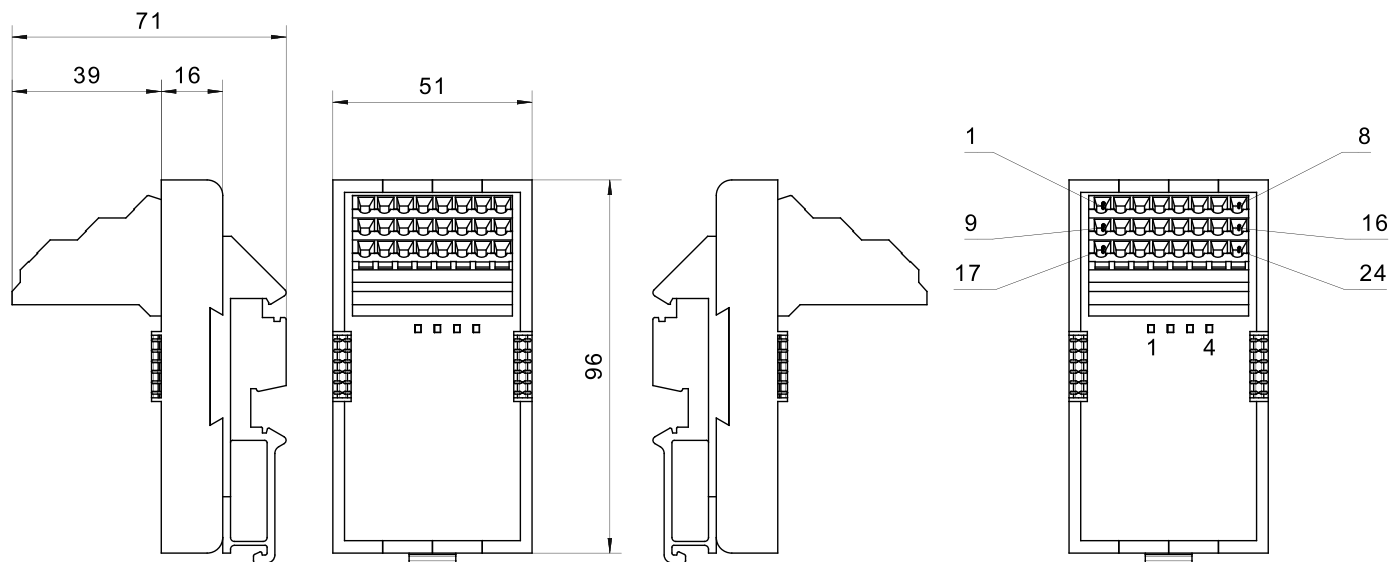
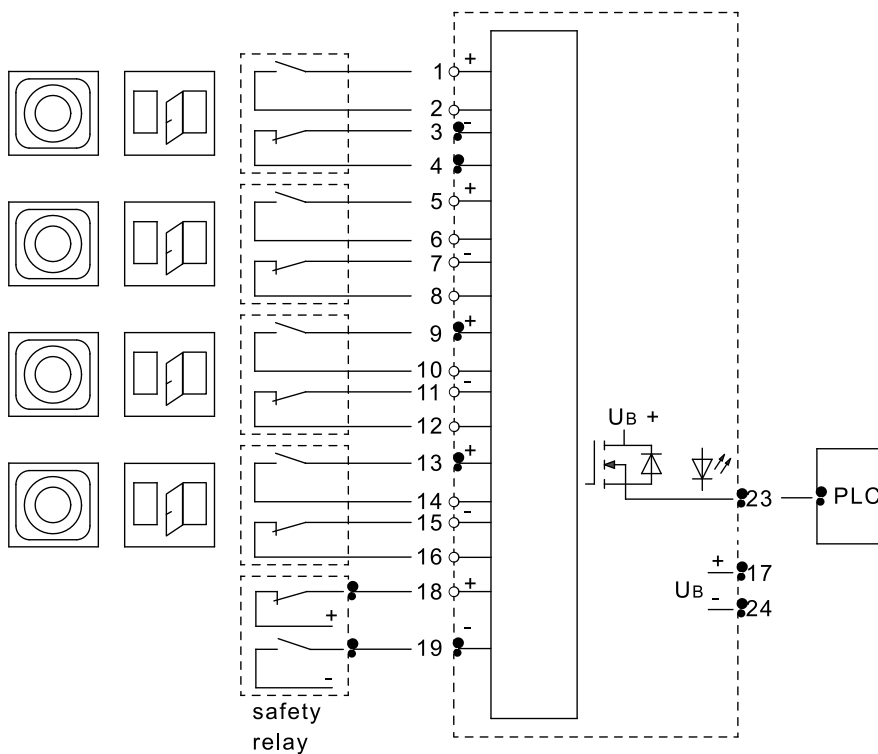
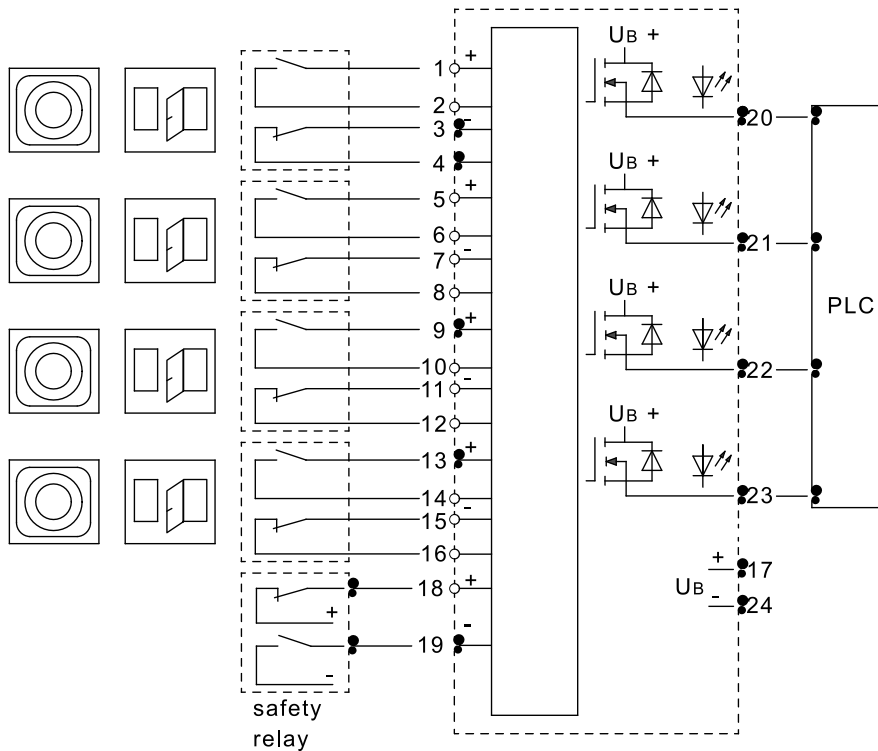


IMAGE 4/4

363967



Product options

IMAGE 1/1

ORDERING KEY

363					Interface for input expansion
					N.O./N.O.
	V	97			4 control outputs
	G	97			1 control output
					N.O./N.C.
	G	96	K30		1 control outputs
	0	96	K30		4 control output

Características do artigo

Attribute	363G96K30	363G97	363V97	363096K30
Max. switching voltage at safety output	26.4 V DC			
Max. switching voltage at control output	26.4 V DC			
Max. switching current per channel	0.02 A			
Number of electronic safety outputs	1			
Number of electronic control outputs	1		4	
Number of redundant safety inputs	4			
Operating voltage min.	21.6 V DC			
Operating voltage max.	26.4 V DC			
Current consumption	100 mA			
Power consumption	2.4 W			
LED display	single-coloured			
Operating time	3000 ms			
Fuse operating voltage	1A slow blow			
Pollution degree	1			
Protection class	III			
Overvoltage category	III			
Contact form	NO/NC	NO/NO	NO/NC	
PL acc. to EN ISO 13849-1	d			
SIL acc. to IEC 61508	2			
SIL CL acc. to IEC 62061	2			
PFHD according to IEC 61508	1,8*10 ⁻⁸ 1/h	1,05*10 ⁻⁸ 1/h		1,8*10 ⁻⁸ 1/h
Category acc. to EN ISO 13849-1	3			
Mission time in years	20 a			
Dimensions	96 x 51 x 56 mm (H/B/T)			
Housing colour	schwarz			
Housing material	PA			
Protection class	IP00 DIN EN 60529			
Protection class, installation space	IP54 DIN EN 60529			

Características do artigo

Attribute	363G96K30	363G97	363V97	363096K30
Operating temperature min.	0 °C			
Max. operating temperature	55 °C			
Relative humidity	5 - 85 %			
Min. storage temperature	0 °C			
Max. storage temperature	55 °C			
Shock resistance (Norm)	30 g / 11 ms			
Continuous shock resistance (Norm)	10 g / 16 ms			
Vibration resistance (Norm)	10...55 Hz			
Air pressure	860 - 1060 hPa			
Delta tmax	0.5 °C/min			
Mounting type	Mounting rail			
Weight	100 g			
Spring-type terminals	yes			
Pluggable connection terminals	no			
Min. connection cross section	0.08 mm²			
Max. connection cross section	2.5 mm²			
Certified in accordance with	EN ISO 13849-1, IEC 61508, UL 508/CSA 22.2			
CE label	yes			