

CET4-AS-CRB-AB-50X-1-162770 (Order no. 162770)

Technical data

Approvals



Electrical connection values

ASI operating current	max. 50 mA
AS-Interface auxiliary voltage	20.4 ... 24 ... 26.4 V
Auxiliary current AS-Interface	480 mA
AS-Interface LED	
	green Power
	red Fault
AS-Interface protocol	ASi-3
ASI data out	D0 = control of guard locking, D1 = red LED, D2 = green LED
ASI data in	D0, D1 = door position, D2, D3 = guard locking
AS-Interface slave type	ID-Code: B, EA-Code: 7
ASI voltage	22.5 ... 30 ... 31.6 V
Safety class	III
Degree of contamination (external, according to EN 60947-1)	3

Mechanical values and environment

Anfahrsgeschwindigkeit	max. 20 m/min
Connection type	
	1 x Plug connector M12 (4-pin)
Installation orientation	any
Switching frequency	max. 0.5 Hz
Degree of freedom X	±5 mm
Degree of freedom Y	±5 mm
Degree of freedom Z	±4 mm
Storage temperature	-25 ... 70 °C

Mechanical life	2 x 10 ⁶
Shock and vibration resistance	Acc. to EN IEC 60947-5-3
Degree of protection	IP67 (In the inserted and screwed tight state)
Ambient temperature	at U _B = 24 V DC -20 ... 55 °C
Material	
Safety switch housing	Die-cast aluminum
Ramp	Stainless steel
Locking force F _{max}	6500 N
Locking force F _{Zh}	5000 N (FZH = FMAX/1.3)
Guard locking principle	Open-circuit current principle

Characteristic values according to EN ISO 13849-1 and EN IEC 62061

Mission time	20 y
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Characteristic values according to EN ISO 13849-1 and EN IEC 62061

	PL	Maximum SIL	PFH _D	Category	Mission time
Guard lock monitoring	PL e	-	3.1x10 ⁻⁹	4	20 y

Miscellaneous

Notices for UL approval	Operation only with UL Class 2 power supply or equivalent measures; see operating instructions
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