

CET1-AR-CRA-CH-50X-SH-128057 (Order no. 128057)

Technical data

Approvals



Workspace

Repeat accuracy R 10 %

Electrical connection values

Fuse

external (operating voltage U_{CM}) 0.5 ... 8 A

external (operating voltage U_B) 0.25 ... 8 A

Power consumption

Solenoid 11 W

Operating voltage DC

U_B 24 V DC -15% ... +15% reverse polarity protected, regulated, residual ripple < 5%, PELV

LED1, LED2 24 V DC -15% V DC ... +10% V DC

EMC protection requirements Acc. to EN IEC 60947-5-3

Utilization category

DC-13 24V 200mA
(Caution: outputs must be protected with a free-wheeling diode in case of inductive loads)

Solenoid operating voltage DC

U_{CM} 24 V DC -15% ... +10% reverse polarity protected, regulated, residual ripple < 5%, PELV

Solenoid duty cycle 100 %

Risk time according to EN 60947-5-3 max. 400 ms

Risk time according to EN 60947-5-3, extension for each additional device max. 5 ms

Switching load

according to UL 24V DC, Class 2
(For alternatives, see operating instructions)

Safety class	III
Current consumption	
	I_B 80 mA
	I_{CM} 450 mA
Test pulse duration	max. 1 ms
Degree of contamination (external, according to EN 60947-1)	3
Monitoring output OUT	
Output type	Semiconductor output, p-switching, short circuit-proof
Output voltage	
	OUT 0.8xUB ... UB V DC
Output current	
	OUT 1 ... 50 mA
Safety outputs OA / OB	
Output type	Semiconductor outputs, p-switching, short circuit-proof
Output voltage	
	HIGH U(OA,OB) UB-1.5V ... UB V DC (Values at a switching current of 50mA without taking into account the cable lengths)
	LOW U(OA,OB) 0 ... 1 V DC
Output current	
	per safety output 1 ... 200 mA
Discrepancy time	
	both safety outputs max. 10 ms
Turn-on time	
	Safety outputs 400 ms
Off-state current I_r	max. 0.25 mA
Mechanical values and environment	
Anfahrsgeschwindigkeit	max. 20 m/min
Connection type	1 plug connector M23, 19-pin, RC18
Ready delay	10 s
Installation orientation	any