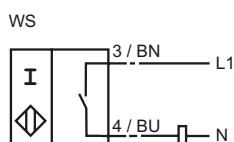




Model Number

CJ10-30GM-WS-Y10371

Connection



Technical Data

General specifications

Switching element function		AC	NO
Rated operating distance	s_n	10 mm	
Installation		flush	
Output polarity		AC	
Assured operating distance	s_a	0 ... 10 mm	

Nominal ratings

Installation conditions			
A		0 mm	
B		0 mm	
C		30 mm	
F		50 mm	
Operating voltage	U_B	20 ... 253 V	
Switching frequency	f	0 ... 10 Hz	
Hysteresis	H	2 ... 10 typ. 5 %	
Reverse polarity protection		tolerant	
Short-circuit protection		no	
Momentary current (20 ms, 0.1 Hz)		0 ... 1200 mA	
Rated insulation voltage	U_{BIS}	1500 V	
Operating current	I_L	5 ... 200 mA	
Lowest operating current	I_m	5 mA	
Off-state current	I_r	0.7 ... 1.5 mA typ.	
Time delay before availability	t_v	≤ 300 ms	
Indication of the switching state		LED, yellow	

Standard conformity

EMC in accordance with	IEC / EN 60947-5-2:1999
Standards	EN 50 010, EN 50 044, EN 50 036

Ambient conditions

Ambient temperature	-25 ... 70 °C (-13 ... 158 °F)
Storage temperature	-25 ... 85 °C (-13 ... 185 °F)

Mechanical specifications

Core cross-section	0.75 mm ²
Housing material	PBT
Sensing face	PBT
Protection degree	IP67

Installation conditions

