

# 22mm Switches Flush Black



## General Characteristics

Product	Push buttons switches
Reference standard	IEC 947-5-1, EN 60947-5-1, IEC 337-1, UL 508, CSA C-22-2 n° 14
Protection degree	IP 65/66 according to IEC 60947-1, NEMA4, 4X
Pollution degree	3
Temperature	-40°C to +70°C (storage) -25°C to +70°C (working)
Vibration resistance	15g (40 to 500Hz) conforming to IEC 68-2-6
Shock resistance Conforming to IEC 68-2-27	70g
Working position	All working positions are allowed
Mechanical life	1 million operations

## Contact Elements Characteristics

Rated thermal current	$I_{th}$ 10A
Rated insulation Voltage	$U_i$ 500V conforming to IEC 60947-1, UL 508 & CSA C-22-2 n° 14
Insulation category	Group C conforming to NF C20-040, VDE 0110
Operating force	Push buttons - 1 'NO' = 10N, 1 'NC' = 8N Additional contacts - 'NO' = +5N, 'NC' = +3N
Dielectric strength	2.5kV for 1 minute
Insulation resistance	2M $\Omega$ minimum (500 V DC)
Initial contact resistance	$\leq$ 25m $\Omega$
Shot circuits protection	10A 500V, cartridge fuse g1 or N conforming to IEC 337-1
Terminal reference	Conforming to CENELEC EN 50013
Connections	On screw with non losable plate lamp sec. 2.5mm <sup>2</sup> max. (14AWG)
Contact operation	Self cleaning type, slow action, positive opening
Operation frequency	3,600 operations per hour
Utilization category	AC 15 (DC 13)

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Rated power Conforming to IEC 947-5-1 Load factor : 0.5 AC supply (50/60 Hz)	DC supply Power broken in watts for 1 million operations Voltage : 24V 48V 120V Inductive load : 65W 48W 40W
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## AC Ratings, Inductive - NEMA A600

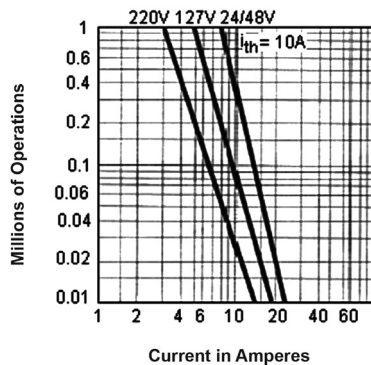
35% Power Factor

Volts	Makes Amperes	VA	Break Amperes	VA	Continuous Carrying Amperes	Resistive 75% Power Factor Make, Break and Continuous Amperes
120	60	7,200	6	720	10	10
240	30		3			
480	15		1.5			
600	12		1.2			

## DC Ratings, NEMA Type Q600

Inductive and Resistive

Volts	Make and Break	Continuous
125	55	2.5
250	0.27	
600	0.10	



## Part Number Table

Description	Part Number
22mm Switches Flush Black	RCB2-BA2

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