
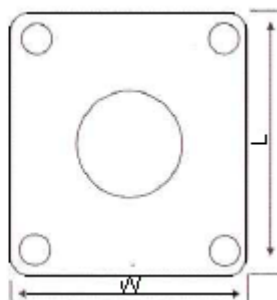
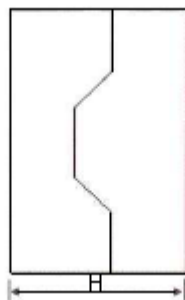
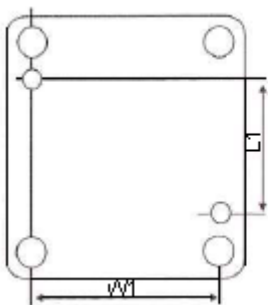


# Control Stations - Plastic Emergency Stop



## General Characteristics:

Products	Control stations
Reference standard	IEC 60947-5-1, EN 60947-5-1, IEC 337-1, UL 508, CSA C-22-2 n° 14
Approval	
Protection degree	IP 65 / IP 66 (as per IEC), NEMA 4/4X (special version)
Ambient temperature	-40°C to +70°C (storage) -25°C to +70°C (operation)
Vibration resistance	15 g (40 to 500 Hz) conforming to IEC 68-2-6
Shock resistance	Push buttons : 70 g Mushroom head push buttons : 15 g Selector switches : 200 g Conforming to IEC 68-2-27
Material and colour	Thermoplastic - grey lid and black base for 1, 2, 3, 4 way, yellow lid and black base for one way Aluminium die-cast - grey lid and dark grey base
Cable entry	Knock-outs provided



Dimensions : Millimetres (Inches)

# Control Stations - Plastic Emergency Stop



## Dimensions

	Plastic	Metal
	1 Hole (inches/mm)	1 Hole (inches/mm)
H	2.1 / 51	2.1 / 51
W	2.68 / 68	2.68 / 68
L	2.91 / 74	2.91 / 74
W1	2.13 / 54	2.13 / 54
L1	1.5 / 38	1.31 / 46

Dimensions : Millimetres (Inches)

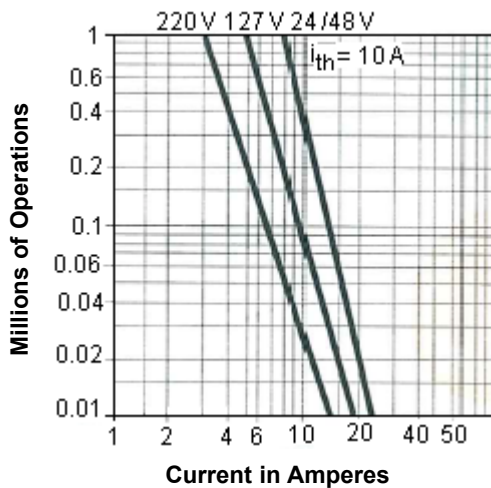
## General Characteristics

Products	Push buttons, selector switches, latching mushroom head push buttons, pilot lights and illuminated push buttons
Reference standard	IEC 947-5-1/EN 60947-5-1, UL 508, CSA C-22-2 n° 14
Approval	
Protection degree	IP 65 according to IEC 947-1
Pollution degree	3
Temperature	-40°C to +70°C (storage) -25°C to +70°C (working)
Vibration resistance	Mushroom head push buttons: 8gn Other push buttons and pilot lights: 15 g (40 to 500 Hz) conforming to IEC 68-2-6
Shock resistance	Push buttons : 70 gn Mushroom head push buttons : 15 gn Selector switches : 200 gn Conforming to IEC 68-2-27
Working position	All working positions are allowed
Mechanical life	Push buttons and selector switches 1 million operations, emergency mushroom push buttons 300,000 operations

# Control Stations - Plastic Emergency Stop

## Contact Elements Characteristics

Rated thermal current	$I_{th}$ 10 A
Rated insulation voltage	$U_i$ 500V conforming to IEC 947, UL 508 and CSA 22-2 n° 14
Insulation category	Group C conforming to NF C 20-040, VDE 0110
Operating force	Push buttons - 1 'NO' = 10 N, 1 'NC' = 8 N Additional contacts- 'NO' = +5 N, 'NC' = +3 N
Dielectric strength	2.5 KV for 1 minute
Insulation resistance	2 M $\Omega$ minimum (500 V dc)
Initial contact resistance	$\leq 25$ m $\Omega$
Short circuits protection	10 A 500 V, cartridge fuse gl or N conforming to IEC 337-1
Terminal reference	Conforming to CENELEC EN 50013
Connections	On screw with non losable plate lamp Sec, 2.5 mm <sup>2</sup> maximum (14 AWG)
Contact operation	Self cleaning type, slow action, positive opening
Operation frequency	3,600 operations per hour
Utilization category	AC 15 (DC 13)
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 : 24 V 48 V 120 V Inductive load : 65 W 48 W 40 W



# Control Stations - Plastic Emergency Stop



## AC Ratings, Inductive - NEMA A600

35% Power Factor

Volts	Make 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	0.1	

## Part Number Table

Description	Part Number
22 mm Switches Box EM Stop Twist	RC1PYBS542
22 mm Switches Box EM Stop Key	RC1PYBS142

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