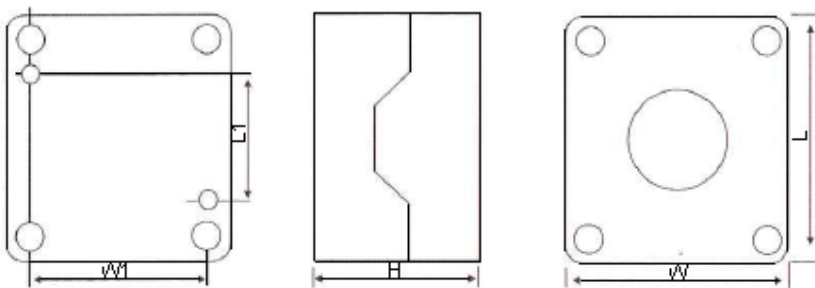


Control Stations - Plastic Emergency Stop



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 ~ +70°C (storage) -25°C ~ +70°C (operation)
Vibration resistance	15g (40 to 500Hz) conforming to IEC 68-2-6
Shock resistance	Push buttons : 70g Mushroom head push buttons : 15g Selector switches : 200g 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)

<http://www.farnell.com>
<http://www.newark.com>
<http://www.cpc.co.uk>



Control Stations - Plastic Emergency Stop



Dimensions

	Plastic	Metal
	1 Hole (inch/mm)	1 Hole (inch/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

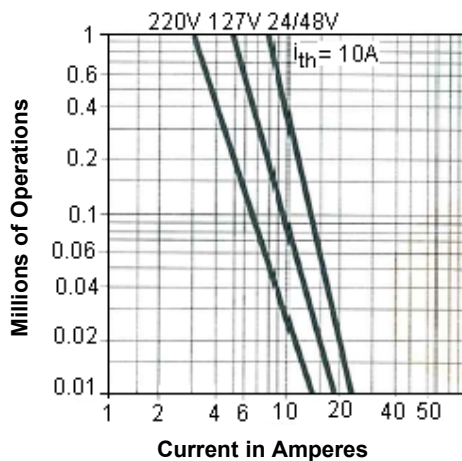
Products	Push buttons, selector switches, latching mushroom head push buttons, pilot lights and illuminated push buttons
Reference standard	IEC 947-5-1/EN 60947-5-1, UL 508, CSA C-22-2 n° 14
Approval	
Protection degree	IP 65 according to IEC 947-1
Pollution degree	3
Temperature	-40°C ~ +70°C (storage) -25°C ~ +70°C (working)
Vibration resistance	Mushroom head push buttons: 8gn Other push buttons and pilot lights: 15g (40 to 500Hz) conforming to IEC 68-2-6
Shock resistance	Push buttons : 70gn Mushroom head push buttons : 15gn Selector switches : 200gn 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} 10A
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' = 10N, 1 'NC' = 8N Additional contacts- 'NO' = +5N, 'NC' = +3N
Dielectric strength	2.5KV for 1 minute
Insulation resistance	2M Ω minimum (500 V dc)
Initial contact resistance	$\leq 25m\Omega$
Short circuits protection	10A 500V, 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, 2.5mm ² maximum (14AWG)
Contact operation	Self cleaning type, slow action, positive opening
Operation frequency	3600 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 : 24V 48V 120V Inductive load : 65W 48W 40W



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	7200	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
Plastic Boxed Emergency Stop Control Station Twist Release + 1N/C	RC1PYBS542
Plastic Boxed Emergency Stop Control Station Key Release + 1N/C	RC1PYBS142

Disclaimer This data sheet and its contents (the "Information") belong to the Premier Farnell Group (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. SPC Multicomp is the registered trademark of the Group. © Premier Farnell plc 2009.

<http://www.farnell.com>
<http://www.newark.com>
<http://www.cpc.co.uk>

