



Push Button Control Stations

Characteristics

General Characteristics	
Products	Control Stations
Reference Standard	IEC 947-5-1, 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 500 Hz) 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 & black base for one way Aluminium Die Cast – grey lid and dark grey base
Cable Entry	Knock-outs provided

Stations for customer assembly

Empty Control Station Enclosures for customer assembly in plastic & metal

Description	No. of Holes	Colour	Reference
CONTROL STATION PLASTIC ENCLOSURE K.O. size – 1/2"	1	LID  Beige BASE  Black	PB-RC-1P
	2	LID  Beige BASE  Black	PB-RC-2P
	3	LID  Beige BASE  Black	PB-RC-3P
	4	LID  Beige BASE  Black	PB-RC-4P
	1	LID  Yellow BASE  Black	PB-RC-1PY
CONTROL STATION METAL ENCLOSURE K.O. size – M20	1	LID  Beige BASE  Black	PB-RC-1M
	2	LID  Beige BASE  Black	PB-RC-2M
	3	LID  Beige BASE  Black	PB-RC-3M
	4	LID  Beige BASE  Black	PB-RC-4M



PB-RC-2P



PB-RC-1M



PB-RC-4P



PB-RC-3M



PB-RC-1PY

Push Button Control Stations – Metal

Operating Heads for Control Stations

Metal Operating Heads for use with RC•P & RC•M enclosures – IP65							
Description		Knob Size	Colour				
 PB-BA4M	Flush Push Button Spring Return		○ White	PB-BA1M			
			● Black	PB-BA2M			
			● Green	PB-BA3M			
			● Red	PB-BA4M			
			● Yellow	PB-BA5M			
			● Blue	PB-BA6M			
			⬆ Black Arrow on White base	PB-BA334M			
			⬆ White Arrow on Black base	PB-BA335M			
 PB-BL4M	Recess (Guarded) Push Button		○ White	PB-BA16M			
			● Black	PB-BA26M			
			● Green	PB-BA36M			
			● Red	PB-BA46M			
			● Yellow	PB-BA56M			
			● Blue	PB-BA66M			
			 PB-BP4M	Projecting Push Button Spring Return		○ White	PB-BL1M
						● Black	PB-BL2M
● Green	PB-BL3M						
● Red	PB-BL4M						
● Yellow	PB-BL5M						
● Blue	PB-BL6M						
 PB-BP4M	Booted Push Button Spring Return IP66					○ White	PB-BP1M
						● Black	PB-BP2M
			● Green	PB-BP3M			
			● Red	PB-BP4M			
			● Yellow	PB-BP5M			
			● Blue	PB-BP6M			
 PB-BA48M	Flush Push Button Spring Return with Transparent Boot IP66		○ White	PB-BA18M			
			● Black	PB-BA28M			
			● Green	PB-BA38M			
			● Red	PB-BA48M			
			● Yellow	PB-BA58M			
			● Blue	PB-BA68M			
			 PB-BS4M	Mushroom Head Push Button Spring Return	φ 40mm	● Black	PB-BC2M
						● Green	PB-BC3M
● Red	PB-BC4M						
● Yellow	PB-BC5M						
● Blue	PB-BC6M						
● Red	PB-BR4M						
 PB-BS4M	Mushroom Head Push Button Turn to Release	φ 30mm	● Red	PB-BS44M			
		φ 40mm	● Red	PB-BS54M			
		φ 60mm	● Red	PB-BS64M			
 PB-BS14M	Mushroom Head Push Button Key Release – Key No. 455	φ 40mm	● Red	PB-BS14M			
		Mushroom Head Push Button Push to Stay and Pull to Release	φ 40mm	● Red (Pre Marked)	PB-BT4M		
			● Red	PB-BT43M			
Operating Heads with Black metal bezel (non-stock items)							
To Order add Suffix '7' to above e.g. PB-BA1M Becomes PB-BA1M7							

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Push Button Control Stations – Metal

Operating Heads for Control Stations



PB-BD2M



PB-BJ2M



PB-BG2M



PB-BE101BM

Metal Selector Heads for use with RC•P & RC•M enclosures – IP65

Description	Type	Operator	Reference
2 Position	Stay Put	Standard Handle	PB-BD2M
		Long Handle	PB-BJ2M
	Spring Return	Standard Handle	PB-BDR2M
		Long Handle	PB-BJR2M
3 Position	Stay Put	Standard Handle	PB-BD3M
		Long Handle	PB-BJ3M
	Spring Return	Standard Handle	PB-BDR3M
		Long Handle	PB-BJR3M
	1 Spring Return	Standard Handle	PB-BD8M
	Right to Centre	Long Handle	PB-BJ8M
	1 Spring Return	Standard Handle	PB-BD7M
	Left to Centre	Long Handle	PB-BJ7M

Metal Key Selector Heads for use with RC•P & RC•M enclosures – IP65

Description	Key Removal	Key Removal	Reference
2 Position Key Switch (Key No. 455)	Stay Put	LH Position	PB-BG2M
		RH Position	PB-BG02M
		All Positions	PB-BG4M
	1 Spring Return Right to Left	LH Position	PB-BG6M
3 Position Key Switch	Stay Put	Centre Position	PB-BG3M
		LH and RH Position	PB-BG5M
		All 3 Positions	PB-BG0M
		RH Position	PB-BG09M
		LH Position	PB-BG9M
	Both Side Spring Return to Centre	Centre Position	PB-BG7M
	Stay Put to Left Spring Return From Right to Centre	Centre Position	PB-BG8M

Contact Blocks (Base Mounted) for use with RC•M enclosures – IP65

Description	Contact	Type	Reference
Contact Blocks	NO	Standard	PB-BE101BM
	NC	Standard	PB-BE102BM

Push Button Control Stations – Plastic

Plastic Operating Heads for Control Stations



PB-BA3P



PB-BL6P



PB-BA48P



PB-BC2P



PB-BA26P



PB-BD2P

Plastic Operating Heads for use with RC●P & RC●M enclosures – IP65

Description	Knob Size	Colour	
Flush Push Button Spring Return		○ White	PB-BA1P
		● Black	PB-BA2P
		● Green	PB-BA3P
		● Red	PB-BA4P
		● Yellow	PB-BA5P
		● Blue	PB-BA6P
		↑ Black arrow on White base	PB-BA334P
Projecting Push Button Spring Return		ⓘ White arrow on Black base	PB-BA335P
		○ White	PB-BL1P
		● Black	PB-BL2P
		● Green	PB-BL3P
		● Red	PB-BL4P
		● Yellow	PB-BL5P
		● Blue	PB-BL6P
Flush Push Button Spring Return with Transparent Boot IP66		○ White	PB-BA18P
		● Black	PB-BA28P
		● Green	PB-BA38P
		● Red	PB-BA48P
		● Yellow	PB-BA58P
		● Blue	PB-BA68P
Mushroom Head Push Button Spring Return		● Black	PB-BC2P
		● Green	PB-BC3P
		● Red	PB-BC4P
		● Yellow	PB-BC5P
		● Blue	PB-BC6P
	φ 40mm	● Red	PB-BR4P
	φ 60mm	● Red	PB-BR4P
Mushroom Head Push Button Turn to Release	φ 30mm	● Red	PB-BS44P
	φ 40mm	● Red	PB-BS54P
	φ 60mm	● Red	PB-BS64P
	φ 40mm	● Red	PB-BS14P
Mushroom Head Pushbutton Key Release – Key No. 455 Recess (Guarded) Push Button		○ White	PB-BA16P
		● Black	PB-BA26P
		● Green	PB-BA36P
		● Red	PB-BA46P
		● Yellow	PB-BA56P
		● Blue	PB-BA66P

Plastic Operating Heads for Selector Switches for use with RC●P & RC●M enclosures – IP65

Description	Type	Operator	Reference
2 Position	Stay Put	Standard Handle	PB-BD2P
		Long Handle	PB-BJ2P
3 Position	Stay Put	Standard Handle	PB-BD3P
		Long Handle	PB-BJ3P
	Spring Return	Standard Handle	PB-BDR3P
		Long Handle	PB-BJR3P
	1 Spring Return Right to Centre	Standard Handle	PB-BD8P
		Long Handle	PB-BJ8P
	1 Spring Return Left to Centre	Standard Handle	PB-BD7P
		Long Handle	PB-BJ7P



Push Button Control Stations – Plastic

Plastic Operating Heads for Control Stations & Dimensions



PB-BG2P



PB-BE101BP

Plastic Operating Heads for Key Switches – IP 65 for use with RC●P & RC●M enclosures – IP65

Description	Type	Key removal	Reference
2 Position	Stay Put	LH Position	PB-BG2P
		RH Position	PB-BG02P
		All Positions	PB-BG4P
3 Position	Stay Put	Centre Position	PB-BG3P
		LH and RH Position	PB-BG5P
		All 3 Positions	PB-BG0P
		RH Position	PB-BG09P
		LH Position	PB-BG9P
	Both Side Spring Return To Centre	Centre Position	PB-BG7P
	Stay Put To Left Spring Return From Right To Centre	Centre Position	PB-BG8P

Contact Blocks (Base Mounted) for use with RC●P enclosures – IP65

Description	Contact	Type	Reference
Contact Blocks	NO	Standard	PB-BE101BP
	NC	Standard	PB-BE102BP

Dimensions

	Plastic				Metal			
	1 Hole (inch/mm)	2 Hole (inch/mm)	3 Hole (inch/mm)	4 Hole (inch/mm)	1 Hole (inch/mm)	2 Hole (inch/mm)	3 Hole (inch/mm)	4 Hole (inch/mm)
H	2.1" / 51	2.1" / 51	2.1" / 51	2.1" / 51	2.1" / 51	2.1" / 51	2.1" / 51	2.1" / 51
W	2.68" / 68	2.68" / 68	2.68" / 68	2.68" / 68	2.68" / 68	2.68" / 68	2.68" / 68	2.68" / 68
L	2.91" / 74	4.09" / 104	5.28" / 134	6.46" / 164	2.91" / 74	4.13" / 105	5.28" / 134	6.46" / 164
W1	2.13" / 54	2.13" / 54	2.13" / 54	2.13" / 54	2.13" / 54	2.13" / 54	2.13" / 54	2.13" / 54
L1	1.5" / 38	2.68" / 68	2.68" / 68	5.04" / 128	1.31" / 46	3.07" / 78	4.25" / 108	5.43" / 138

