



Control Stations

Characteristics

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	UL, cUL, CSA, CE
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 Hz < frequency < 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

Control Stations

Stations for Customer Assembly



RC1M114



RC2M241



RC3M341



RC-2M



RC-1M



RC-4M



RC-3M

Complete Control Stations - Start & Stop Functions Metal, Spring Return

Description	Scheme	Colour	Marking on Legend	Reference
1 Flush Push Button	NO	3	I START	RC 1M 102 RC 1M 103
1 Flush Push Button	NC	4	O STOP	RC 1M 112 RC 1M 114
Latching Push Button	NC	4	STOP	RC 1MBS542 RC 1MYBS542
Mushroom Head Key Switch	NC	4	STOP	RC 1MBS142
2 Flush Push Button	NO+NC	3 4	I O	RC 2M 213
2 Flush Push Button	NO+NC	3 4	START STOP	RC 2M 215

Complete Control Stations - Directional/Movement Metal, Spring Return

2 Flush Push Button	NO + NO	1	↕	RC 2M 222
		2	Up-Down	RC 2M 222A
		1	↔	RC 2M 223
		2	Right-Left	RC 2M 223A
		1	Open-Close	RC 2M 241
		2	Forward-Reverse	RC 2M 222B
3 Flush Push Button	NO + NC + NO	3	Forward Stop Reverse	RC 3M 311
		4	Up Stop Down	RC 3M 321
		3	Right Stop Left	RC 3M 331
			Open Stop Close	RC 3M 341
		1 4	↕	RC 3M 324
		2	↔	RC 3M 334

Empty Control Station Enclosures for customer assembly, Metal

Description	No. of Ways	Colour	Reference
Control Station	1	LID	RC-1M
		BASE	
	2	LID	RC-2M
		BASE	
	3	LID	RC-3M
		BASE	
	4	LID	RC-4M
		BASE	

Control Stations

Operating Heads for Control Stations

Metal Operating Heads for use with RC•P & RC•M enclosures - IP65

Description	Knob Size	Colour	
Flush Push Button Spring Return		○ White	RM2-BA1
		● Black	RM2-BA2
		● Green	RM2-BA3
		● Red	RM2-BA4
		● Yellow	RM2-BA5
		● Blue	RM2-BA6
		⬆ Black Arrow on White base	RM2-BA334
		⬆ White Arrow on Black base	RM2-BA335
Recess (Guarded) Push Button		○ White	RM2-BA16
		● Black	RM2-BA26
		● Green	RM2-BA36
		● Red	RM2-BA46
		● Yellow	RM2-BA56
		● Blue	RM2-BA66
Projecting Push Button Spring Return		○ White	RM2-BL1
		● Black	RM2-BL2
		● Green	RM2-BL3
		● Red	RM2-BL4
		● Yellow	RM2-BL5
		● Blue	RM2-BL6
Booted Push Button Spring Return IP66		○ White	RM2-BP1
		● Black	RM2-BP2
		● Green	RM2-BP3
		● Red	RM2-BP4
		● Yellow	RM2-BP5
		● Blue	RM2-BP6
Flush Push Button Spring Return with Transparent Boot IP66		○ White	RM2-BA18
		● Black	RM2-BA28
		● Green	RM2-BA38
		● Red	RM2-BA48
		● Yellow	RM2-BA58
		● Blue	RM2-BA68
Mushroom Head Push Button Spring Return		● Black	RM2-BC2
		● Green	RM2-BC3
		● Red	RM2-BC4
		● Yellow	RM2-BC5
		● Blue	RM2-BC6
		● Red	RM2-BR4
Mushroom Head Push Button Turn to Release	φ 30mm	● Red	RM2-BS44
	φ 40mm	● Red	RM2-BS54
	φ 60mm	● Red	RM2-BS64
Mushroom Head Push Button Key Release - Key No. 455	φ 40mm	● Red	RM2-BS14
Mushroom Head Push Button	φ 40mm	● Red (Pre Marked)	RM2-BT4
Push to Stay and Pull to Release		● Red	RM2-BT43

Operating Heads with Black metal bezel

TO Order add Suffix '7' to above e.g. RM2-BA1 Becomes RM2-BA17



RM2-BA4



RM2-BL4



RM2-BP4



RM2-BA48



RM2-BS54



RM2-BS14

Control Stations

Operating Heads for Control Stations & Dimensions



RM2-BD2



RM2-BJ2



RB2-BE101-BM

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

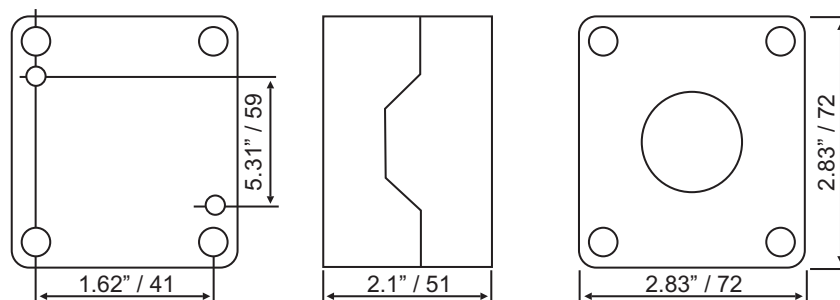
Description	Type	Operator	Reference
2 Position	Stay Put	Standard Handle	RM2-BD2
		Long Handle	RM2-BJ2
	Spring Return	Standard Handle	RM2-BDR2
		Long Handle	RM2-BJR2
3 Position	Stay Put	Standard Handle	RM2-BD3
		Long Handle	RM2-BJ3
	Spring Return	Standard Handle	RM2-BDR3
		Long Handle	RM2-BJR3
	1 Spring Return Right to Centre	Standard Handle	RM2-BD8
		Long Handle	RM2-BJ8
	1 Spring Return Left to Centre	Standard Handle	RM2-BD7
		Long Handle	RM2-BJ7

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	RM2-BG2
		RH Position	RM2-BG02
		All Positions	RM2-BG4
	1 Spring Return Right to Left	LH Position	RM2-BG6
3 Position Key Switch	Stay Put	Centre Position	RM2-BG3
		LH and RH Position	RM2-BG5
		All 3 Positions	RM2-BG0
		RH Position	RM2-BG09
		LH Position	RM2-BG9
	Both Side Spring Return to Centre	Centre Position	RM2-BG7
	Stay Put to Left Spring Return From Right to Centre	Centre Position	RM2-BG8

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

Description	Contact	Type	Reference
Contact Blocks	NO	Standard	RB2-BE101-BM
	NC	Standard	RB2-BE102-BM
	NO	Gold Flash	RB2-BE1016-BM
	NC	Gold Flash	RB2-BE1026-BM



Control Stations

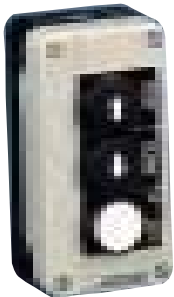
Plastic Operating Heads for Control Stations



RC1P114



RC2P241



RC3P341



RC-2P



RC-1P



RC-4P



RC-3P



RC-1PY

Complete Control Stations - Start & Stop Functions Plastic, Spring Return

Description	Scheme	Colour	Marking on Legend	Reference
1 Flush Push Button	NO	3	I START	RC 1P 102 RC 1P 103
1 Flush Push Button	NC	4	O STOP	RC 1P 112 RC 1P 114
Latching Push Button	NC	4	STOP	RC 1PBS542 RC 1PYBS542
Mushroom Head Key Switch	NC	4	STOP	RC 1PBS142 RC 1PYBS142
2 Flush Push Button	NO+NC	3 4	I O	RC 2P 213
2 Flush Push Button	NO+NC	3 4	START STOP	RC 2P 215

Complete Control Stations - Directional/Movement Plastic, Spring Return

2 Flush Push Button	NO + NO	1	↕	RC 2P 222A
		2	Up-Down	RC 2P 222A
		1	↔	RC 2P 223
		2	Right-Left	RC 2P 223A
		1	Open-Close	RC 2P 241
		2	Forward-Reverse	RC 2P 222B
3 Flush Push Button	NO + NC + NO	3 4 3	Forward Stop Reverse	RC 3P 311
			Up Stop Down	RC 3P 321
			Right Stop Left	RC 3P 331
			Open Stop Close	RC 3P 341
		1	↕	RC 3P 324
		4 2	↔	RC 3P 334

Empty Control Station Enclosures for customer assembly, plastic

Description	No. of Ways	Colour	Reference
Control Station Plastic Enclosure	1	LID BASE	RC-1P
	2	LID BASE	
	3	LID BASE	RC-3P
	4	LID BASE	
	1	LID BASE	RC-1PY

Control Stations

Plastic Operating Heads for Control Stations & Dimensions



RP2-BA3



RP2-BL6



RP2-BA48



RP2-BC2



RP2-BA26



RP2-BD2

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

Description	Knob Size	Colour	
Flush Push Button Spring Return		○ White	RP2-BA1
		● Black	RP2-BA2
		● Green	RP2-BA3
		● Red	RP2-BA4
		● Yellow	RP2-BA5
		● Blue	RP2-BA6
		↑ Black arrow on White base	RP2-BA334
		↑ White arrow on Black base	RP2-BA335
Projecting Push Button Spring Return		○ White	RP2-BL1
		● Black	RP2-BL2
		● Green	RP2-BL3
		● Red	RP2-BL4
		● Yellow	RP2-BL5
		● Blue	RP2-BL6
Flush Push Button Spring Return with Transparent Boot IP66		○ White	RP2-BA18
		● Black	RP2-BA28
		● Green	RP2-BA38
		● Red	RP2-BA48
		● Yellow	RP2-BA58
		● Blue	RP2-BA68
Mushroom Head Push Button Spring Return	φ 40mm	● Black	RP2-BC2
		● Green	RP2-BC3
		● Red	RP2-BC4
		● Yellow	RP2-BC5
		● Blue	RP2-BC6
		● Red	RP2-BR4
Mushroom Head Push Button Turn to Release	φ 30mm	● Red	RP2-BS44
	φ 40mm	● Red	RP2-BS54
	φ 60mm	● Red	RP2-BS64
Mushroom Head Pushbutton Key Release - Key No. 455	φ 40mm	● Red	RP2-BS14
Recess (Guarded) Push Button		○ White	RP2-BA16
		● Black	RP2-BA26
		● Green	RP2-BA36
		● Red	RP2-BA46
		● Yellow	RP2-BA56
		● Blue	RP2-BA66

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	RP2-BD2
		Long Handle	RP2-BJ2
3 Position	Stay Put	Standard Handle	RP2-BD3
		Long Handle	RP2-BJ3
	Spring Return	Standard Handle	RP2-BDR3
		Long Handle	RP2-BJR3
	1 Spring Return Right to Centre	Standard Handle	RP2-BD8
		Long Handle	RP2-BJ8
	1 Spring Return Left to Centre	Standard Handle	RP2-BD7
		Long Handle	RP2-BJ7

Control Stations

Push Button Operating Heads for Control Stations & Dimensions

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	RP2-BG2
		RH Position	RP2-BG02
		All Positions	RP2-BG4
3 Position	Stay Put	Centre Position	RP2-BG3
		LH and RH Position	RP2-BG5
		All 3 Positions	RP2-BG0
		RH Position	RP2-BG09
		LH Position	RP2-BG9
	Both Side Spring Return To Centre	Centre Position	RP2-BG7
	Stay Put To Left Spring Return From Right To Centre	Centre Position	RP2-BG8



RP2-BG2



RB2-BE101-BP

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

Description	Contact	Type	Reference
Contact Blocks	NO	Standard	RB2-BE101-BP
	NC	Standard	RB2-BE102-BP
	NO	Gold Flash	RB2-BE1016-BP
	NC	Gold Flash	RB2-BE1026-BP

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

