

1



Spring return push buttons

Description	Contact		Colour	Model	Weight (kg)	Dimension
	N/O	N/C				
Flush	1		○ W	GB2-BA11	0.70	
	1		● B	GB2-BA21	0.70	
	1		● G	GB2-BA31	0.70	
	1		● Y	GB2-BA51	0.70	
	1		● S	GB2-BA61	0.70	
		1	● B	GB2-BA22	0.70	
Flush logo		1	● R	GB2-BA42	0.70	
	1		⊙ R	GB2-BA3311	0.70	
	1		⚡ W	GB2-BA3341	0.70	
		1	⚡ B	GB2-BA3351	0.70	
		1	ⓘ G	GB2-BA4322	0.70	
		1	STOP R	GB2-BA4342	0.70	
Extended	1		● B	GB2-BL21	0.70	
	1		● G	GB2-BL31	0.70	
	1		● Y	GB2-BL51	0.70	
	1		● S	GB2-BL61	0.70	
		1	● B	GB2-BL22	0.70	
		1	● R	GB2-BL42	0.70	
Extended logo		1	⊙ R	GB2-BL4322	0.70	
		1	STOP R	GB2-BL4342	0.70	
Booted	1		● B	GB2-BP21	0.70	
	1		● G	GB2-BP31	0.70	
	1		● Y	GB2-BP51	0.70	
	1		● S	GB2-BP61	0.70	
		1	● R	GB2-BP42	0.70	

Mushroom head push buttons

Description	Contact		Colour	Model	Weight (kg)	Dimension
	N/O	N/C				
Mushroom φ 40mm	1		● B	GB2-BC21	0.90	
	1		● G	GB2-BC31	0.90	
	1		● Y	GB2-BC51	0.90	
	1		● S	GB2-BC61	0.90	
		1	● R	GB2-BC42	0.90	
Mushroom φ 60mm	1		● B	GB2-BR21	0.95	
	1		● G	GB2-BR31	0.95	
	1		● Y	GB2-BR51	0.95	
	1		● S	GB2-BR61	0.95	
		1	● R	GB2-BR42	0.95	

Emergency stop push buttons

Latching mushroom head "Emergency Stop" push buttons(colour red)

Description	Contact		Dia	Model	Weight (kg)	Dimension
	N/O	N/C				
Push-pull		1	φ 40	GB2-BT42	0.115	
		1	φ 60	GB2-BX42	0.120	
Push and turn to release		1	φ 30	GB2-BS442	0.085	
		1	φ 40	GB2-BS542	0.095	
		1	φ 60	GB2-BS642	0.105	
Key release (Ronis n° 455)		1	φ 30	GB2-BS742	0.130	
		1	φ 40	GB2-BS142	0.140	
		1	φ 60	GB2-BS242	0.160	

Selector switches

Standard handle

Description	Contact		Locality	Model	Weight (kg)	Dimension
	N/O	N/C				
2 position	1			GB2-BD21	0.085	
	1	1		GB2-BD25	0.100	
	1			GB2-BD41	0.085	
	1	1		GB2-BD45	0.100	
3 position	2			GB2-BD33	0.100	
	2			GB2-BD53	0.100	
	2			GB2-BD73	0.100	

Long handle

Description	Contact		Locality	Model	Weight (kg)	Dimension
	N/O	N/C				
2 position	1			GB2-BJ21	0.085	
	1	1		GB2-BJ25	0.100	
	1			GB2-BJ41	0.085	
	1	1		GB2-BJ45	0.100	
3 position	2			GB2-BJ33	0.100	
	2			GB2-BJ53	0.100	
	2			GB2-BJ73	0.100	

Explain: :Lock up :1 spring return from right to left :2 spring return to centre



Key switches (Ronis n° 455)

Key lock switches

Description	Contact		Locality	Model	Weight (kg)	Dimension
	N/O	N/C				
2 position	1			GB2-BG21	0.110	
	1	1		GB2-BG25	0.125	
	1			GB2-BG41	0.110	
	1	1		GB2-BG45	0.125	
	1			GB2-BG61	0.110	
	1	1		GB2-BG65	0.125	
3 position	2			GB2-BG33	0.125	
	2			GB2-BG53	0.125	
	2			GB2-BG03	0.125	
	2			GB2-BG73	0.125	

Explain: :Lock up :1 spring return from right to left :Key withdrawal position(s)

Pushbutton with lamp

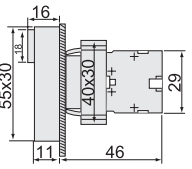
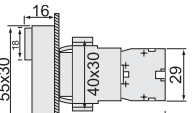
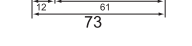
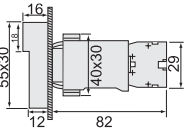
Butch haircut push button with light (spring return)



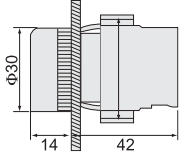
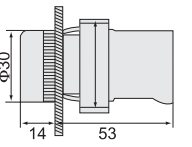
Power voltage	Contact		Colour	Model	Weight (kg)	Dimension
	N/O	N/C				
Direchtness 6.3V~220V With neon light	1		○ W	GB2-BW3161	0.120	
	1		● G	GB2-BW3361	0.120	
		1	● R	GB2-BW3462	0.120	
	1		● Y	GB2-BW3561	0.120	
	1		● B	GB2-BW3661	0.120	
	1	1	● G	GB2-BW3365	0.135	
AC/DC 24V With LED light	1		○ W	GB2-BW31B1	0.120	
	1		● G	GB2-BW33B1	0.120	
	1		● R	GB2-BW34B1	0.120	
	1		● Y	GB2-BW35B1	0.120	
	1		● S	GB2-BW36B1	0.120	
AC/DC 220V With LED light	1		○ W	GB2-BW31M1	0.120	
	1		● G	GB2-BW33M1	0.120	
	1		● R	GB2-BW34M1	0.120	
	1		● Y	GB2-BW35M1	0.120	
	1		● S	GB2-BW36M1	0.120	
Resistance 6.3V~220V With neon light	1		○ W	GB2-BW3171	0.105	
	1		● G	GB2-BW3371	0.105	
		1	● R	GB2-BW3472	0.105	
	1		● Y	GB2-BW3571	0.105	
	1		● B	GB2-BW3671	0.105	
	1	1	● G	GB2-BW3375	0.105	
Transformer 220V	1		○ W	GB2-BW3141	0.105	
	1		● G	GB2-BW3341	0.105	
		1	● R	GB2-BW3442	0.105	
	1		● Y	GB2-BW3541	0.105	
	1		● B	GB2-BW3641	0.105	
	1	1	● G	GB2-BW3345	0.135	

Double-headed push buttons, spring return

Two push buttons

Description	Contact		Scheme	Degree of protection	Model	Dimension
	N/O	N/C				
Without pilot light 1 flush green 2 extended red	1	1	 	IP 40	GB2-BL8325	
	1	1	 	IP 65	GB2-BL9325	
	1	1	 	IP 40	GB2-BL8425	
	1	1	 	IP 65	GB2-BL9425	
1 flush green 2 pilot light with yellow lens (Direct supply < 380V) 3 extended red	1	1	 	IP 40	GB2-BW8365	
	1	1	 	IP 40	GB2-BW8465	
1 flush green 2 pilot light with yellow lens (220/250V supply) 3 extended red	1	1	 	IP 40	GB2-BW8375	
	1	1	 	IP 40	GB2-BW8475	
1 flush green 2 pilot light with yellow lens (220/380V 50Hz) supply is through transformer 3 extended red	1	1	 	IP 40	GB2-BW8345	
	1	1	 	IP 40	GB2-BW8445	
	1	1	 	IP 40	GB2-BW8355	
	1	1	 	IP 40	GB2-BW8455	

Pilot light

Description	Colour	Supply voltage	Scheme	Model	Dimension
Direct BA9S with neon light	○ W	≤ 380V	 x 1 x 2	GB2-BV61	
	● G			GB2-BV63	
	● R			GB2-BV64	
	● Y			GB2-BV65	
	● S			GB2-BV66	
Direct through resistor BA9S, 130V with neon light	○ W	220/250V	 x 1 x 2	GB2-BV71	
	● G			GB2-BV73	
	● R			GB2-BV74	
	● Y			GB2-BV75	
	● S			GB2-BV76	
Through transformer 12VA BA9S, 6V with neon light	○ W	220~240V/50Hz	 x 1 x 2	GB2-BV41	
	● G			GB2-BV43	
	● R			GB2-BV44	
	● Y			GB2-BV45	
	● S			GB2-BV46	



Push buttons spring return

Description	Contact		Colour	Model	Weight (kg)	Dimension
	N/O	N/C				
Flush	1		○ W	GB2-EA11	0.045	
	1		● B	GB2-EA21	0.045	
	1		● G	GB2-EA31	0.045	
	1		● Y	GB2-EA51	0.045	
	1		● S	GB2-EA61	0.045	
	1	1	● G	GB2-EA35	0.060	
Flush logo		1	● R	GB2-EA42	0.045	
	1		● G	GB2-EA3311	0.045	
	1		● G	GB2-EA3361	0.045	
	1		⬆ W	GB2-EA3341	0.045	
		1	⬆ B	GB2-EA3351	0.045	
	1		● R	GB2-EA4322	0.045	
Extended		1	● R	GB2-EA4342	0.045	
	1		● B	GB2-EL21	0.045	
	1		● G	GB2-EL31	0.045	
	1		● Y	GB2-EL51	0.045	
	1		● S	GB2-EL61	0.045	
	1	1	● G	GB2-EL35	0.060	
Extended logo		1	● R	GB2-EL42	0.045	
	1		● G	GB2-EL3361	0.045	
	1		⬆ W	GB2-EL3341	0.045	
		1	⬆ B	GB2-EL3351	0.045	
	1		● R	GB2-EL4322	0.045	
	1		● R	GB2-EL4342	0.045	
Flush with clear silica gel	1		○ W	GB2-EP11	0.045	
	1		● B	GB2-EP21	0.045	
	1		● G	GB2-EP31	0.045	
	1		● Y	GB2-EP51	0.045	
	1		● S	GB2-EP61	0.045	
	1	1	● G	GB2-EP35	0.045	
		1	● R	GB2-EP42	0.045	

Mushroom head push buttons

Description	Contact		Colour	Model	Weight (kg)	Dimension
	N/O	N/C				
Mushroom φ 40mm	1		● B	GB2-EC21	0.065	
	1		● G	GB2-EC31	0.065	
	1		● Y	GB2-EC51	0.065	
	1		● S	GB2-EC61	0.065	
		1	● R	GB2-EC42	0.065	
Mushroom φ 60mm	1		● B	GB2-ER21	0.070	
	1		● G	GB2-ER31	0.070	
	1		● Y	GB2-ER51	0.070	
	1		● S	GB2-ER61	0.070	
		1	● R	GB2-ER42	0.070	

Emergency stop push buttons

Latching mushroom head "Emergency stop" push buttons (colour red)

Description	Contact		Dia.	Model	Weight (kg)	Dimension
	N/O	N/C				
Push-pull	1		φ 40	GB2-ET21	0.090	
	1		φ 40	GB2-ET31	0.090	
		1	φ 40	GB2-ET42	0.085	
	1	1	φ 40	GB2-ET45	0.100	
Push and turn to release		1	φ 30	GB2-ES442	0.060	
		1	φ 40	GB2-ES542	0.070	
		1	φ 60	GB2-ES642	0.080	
Key release (Ronis n° 455)		1	φ 40	GB2-ES142	0.115	
	1	1	φ 40	GB2-ES145	0.125	

Selector switches

Standard handle

Description	Contact		Locality	Model	Weight (kg)	Dimension
	N/O	N/C				
2 position	1		∇	GB2-ED21	0.040	
	1	1	∇	GB2-ED25	0.055	
	1		∇	GB2-ED41	0.040	
	1	1	∇	GB2-ED45	0.055	
3 position	2		∇	GB2-ED33	0.055	
	2		∇	GB2-ED53	0.055	

Long handle

Description	Contact		Locality	Model	Weight (kg)	Dimension
	N/O	N/C				
2 position	1		∇	GB2-EJ21	0.040	
	1	1	∇	GB2-EJ25	0.055	
	1		∇	GB2-EJ41	0.040	
	1	1	∇	GB2-EJ45	0.055	
3 position	2		∇	GB2-EJ33	0.055	
	2		∇	GB2-EJ53	0.055	



Keylock switches (Key-return n°455)

Keylock switches

Description	Contact		Dia.	Model	Weight (kg)	Dimension
	N/O	N/C				
2 position	1			GB2-EG21	0.065	
	1	1		GB2-EG25	0.080	
	1			GB2-EG41	0.065	
	1	1		GB2-EG45	0.080	
	1			GB2-EG61	0.065	
	1	1		GB2-EG65	0.080	
3 position	2			GB2-EG33	0.080	
	2			GB2-EG53	0.080	
	2			GB2-EG03	0.080	
	2			GB2-EG73	0.080	

Explain: :Lock up :1 spring return from right to left :Key withdrawal position(s)



Push button with light

Butch haircut push button with light (spring return)

Description	Contact		Colour	Model	Weight (kg)	Dimension
	N/O	N/C				
Directness 6.3V~220V With neon light	1		○ W	GB2-EW3161	0.105	
	1		● G	GB2-EW3361	0.105	
		1	● R	GB2-EW3462	0.105	
	1		● Y	GB2-EW3561	0.105	
	1		● B	GB2-EW3661	0.105	
	1	1	● G	GB2-EW3365	0.120	
Resistance 6.3V~220V With neon light	1		○ W	GB2-EW3171	0.090	
	1		● G	GB2-EW3371	0.090	
		1	● R	GB2-EW3472	0.090	
	1		● Y	GB2-EW3571	0.090	
	1		● B	GB2-EW3671	0.090	
	1	1	● G	GB2-EW3375	0.105	
Through transformer 220V With neon light	1		○ W	GB2-EW3141	0.105	
	1		● G	GB2-EW3341	0.105	
		1	● R	GB2-EW3442	0.105	
	1		● Y	GB2-EW3541	0.105	
	1		● B	GB2-EW3641	0.105	
	1	1	● G	GB2-EW3345	0.120	
Through transformer 380V With neon light	1		○ W	GB2-EW3151	0.105	
	1		● G	GB2-EW3351	0.105	
		1	● R	GB2-EW3452	0.105	
	1		● Y	GB2-EW3551	0.105	
	1		● B	GB2-EW3651	0.105	
	1	1	● G	GB2-EW3355	0.120	





Double-headed push buttons, spring return

Description	Contact		Colour	Degree of protection	Model	Dimension
	N/O	N/C				
Without pilot light 1 flush green 2 extended red	1	1	■ ■	IP40	GB2-EL8325	
	1	1	■ ■	IP40	GB2-EL8425	
1 flush green 2 pilot light with yellow lens (220/380V 50Hz supply is through transformer) 3 extended red	1	1	■ ■	IP40	GB2-EW8345	
	1	1	■ ■	IP40	GB2-EW8445	
	1	1	■ ■	IP40	GB2-EW8355	
	1	1	■ ■	IP40	GB2-EW8455	

Pilot light

Description	Scheme	Supply voltage	Colour	Model	Dimension
Direct BA9S with neon light		≤ 380V	○ W	GB2-EV61	
			● G	GB2-EV63	
			● R	GB2-EV64	
			● Y	GB2-EV65	
			● S	GB2-EV66	
Direct through resistor BA9S, 130V with neon light		220/250V	○ W	GB2-EV71	
			● G	GB2-EV73	
			● R	GB2-EV74	
			● Y	GB2-EV75	
			● S	GB2-EV76	
Throught transformer 12V BA9S 6V with neon light		220~240V/50Hz	○ W	GB2-EV41	
			● G	GB2-EV43	
			● R	GB2-EV44	
			● Y	GB2-EV45	
			● S	GB2-EV46	

Economic push button

Description	Contact		Colour	Model	Wight (kg)	Dimension
	N/O	N/C				
Pushbuttons spring return	1		● B	GB2-EA121	0.020	
	1		● G	GB2-EA131	0.020	
		1	● R	GB2-EA142	0.020	
	1	1	● B	GB2-EA125	0.020	
	1	1	● G	GB2-EA135	0.020	
	1	1	● R	GB2-EA145	0.020	

Economic pilot light

Description	Supply power	Colour	Model	Wight (kg)	Dimension
With LED light (ex bulb)	Direct BA9S lamp not provide < 250V	● G	GB2-EV163	0.015	
		● R	GB2-EV164	0.015	
		● Y	GB2-EV165	0.015	
		● S	GB2-EV166	0.015	