

Table 19.216: 30 mm Multifunction Operators






Description [5]	Color	With 2 N.C. Contacts (1 KA3, 1 KA5) [6]	With 1 N.O. & 1 N.C. Contact (1 KA1) [6]	Without Contacts [6] [7]
Non-Illuminated Push-Pull Mushroom Operators				
 KR9R94H13 Set Screw Style	Position, Plastic Head 1-5/8 in. (40 mm), Screw-On Momentary Pull Maintained Neutral Momentary Push [8]	Red Green Other [9]	KR8RH25 KR8GH25 KR8▼H25	— — —
	2 Position, Plastic Head 1-5/8 in. (40 mm), Screw-On Maintained Pull Maintained Push [10]	Red [11] Green Other [9]	— — —	KR9RH13 KR9GH13 KR9▼H13
	2 Position, Plastic Head 1-5/8 in. (40 mm), Screw-On Head with Set Screw Maintained Pull Maintained Push [10]	Red	—	KR9R94H13
 9001KR9RM94	2 Position, Metal Head 1-1/2 in. (40 mm) Diameter	Black	—	9001KR9BM94
		Red	—	9001KR9RM94
 9001KR9RM95	2 Position, Metal Head 2-3/8 in. (60 mm) Diameter	Green	—	9001KR9GM94
		Black	—	9001KR9BM95
		Red	—	9001KR9RM95
 9001KR9RM95		Green	—	9001KR9GM95
Description	Color	With 1 N.O. & 1 N.C. Contact (KA1)	With 2 N.O. & 2 N.C. Contacts (KA2)	Without Contacts
Non-Illuminated Turn-to-Release Mushroom Operators				
 9001KR16H2 Trigger Action	2 Position, Plastic Head Turn-to-Release Trigger Action	Red	KR16H13	KR16H2
				KR16



Table 19.217: Color Codes for 30 mm Multifunction Operators ▼

Color	KR8, KR9
Black [15]	B
Red	R
Green	G
Blue	L
Yellow	Y
White	W
Orange [15]	S
Clear	C
Amber	A
Gray	—

Screw-On Plastic Illuminated Push-Pull Mushroom Operators [6] [12] [9]

Description [5]	Voltage	With Red Knob and 2 N.C. Contacts (1 KA3, 1 KA5)	With Other Color Knob and 2 N.C. Contacts (1 KA3, 1 KA5)	With Other Color Knob Without Contacts [7]
3 Position Illuminated Momentary Pull Maintained Neutral Momentary Push [8]	110-120 V, 50-60 Hz Other—Transformer, LED, Flashing [13] Other—Full Voltage, Resistor, Neon [14]	KR8P1RH25 KR8P▲RH25 KR8P▲RH25	KR8P1▼H25 KR8P▲▼H25 KR8P▲▼H25	KR8P1▼ KR8P▲▼ KR8P▲▼
Description [5]	Voltage	With Red [11] Knob & 1 N.O. & 1 N.C. Contact (KA1)	With Other Color Knob and 1 N.O. & 1 N.C. Contact (KA1)	With Other Color Knob Without Contacts
2 Position Illuminated Maintained Pull Maintained Push	110-120 V, 50-60 Hz Other—Transformer, LED, Flashing [13] Other—Full Voltage, Resistor, Neon [14]	KR9P1RH13 KR9P▲RH13 KR9P▲RH13	KR9P1▼H13 KR9P▲▼H13 KR9P▲▼H13	KR9P1▼ KR9P▲▼ KR9P▲▼

Table 19.218: Contact Sequences

9001 KR8RH1 or H13				
(KA1)	KA3	Pull	Ctr	Push
	KA2	X	O	O
		O	O	X
9001 KR8RH25				
	KA3	X	O	O
	KA5	X	X	O
	KA2	O	O	X

NOTE: To select contact blocks, light modules, and accessories, see Type KA Contact Blocks, page 19-90.

[5] For 1-3/8 in. or 2-1/4 in. Dia. Knob:

- a) Order Type -20 or -21 knob from Additional Accessories for Type K and SK Operators, page 19-99.
- b) Order 9001K54 adapter—allows Type -20 or -21 knob to fit on push pull operators. Voids UL and NEMA 6 rating.
- c) Can order assembled operator by adding color code to Type -20 or -21. Example: 9001KR9R would be 9001KR9R20 or 9001KR9R21.

[6] When ordering, add prefix 9001 to the catalog number.

[7] These operators can be ordered complete with contact blocks. For maximum block usage, see Table 19.280 "H" Codes, page 19-93. Add the chosen "H" number to the end of the operator.

[8] For contact sequences, see Table 19.218 Contact Sequences, page 19-73

[9] ▼ Choose one color from the Color Codes table here, and insert the color code in Type number. Example: KR9 with a yellow knob = KR9Y

[10] For color codes, see Color Codes for 30 mm Multifunction Operators, page 19-73.

[11] To obtain a red knob with "Push Emergency Stop" printed on the red knob—substitute "R05" in place of "R"

[12] ▲ Add the voltage assembly code as chosen from Table 19.274 Standard Light Modules for Types K, SK, and KX Control Units, page 19-91. Example: KR8P with a 277 V 50-60 Hz voltage = KR8P8.

[13] The knob must be the same color as the LED light module chosen, for example, for a green LED, use a green knob.

[14] On neon light modules, use clear knobs only.

[15] These colors are not available on illuminated push-pull operators.