

Harmony™ 9001K/SK/KX 30 mm push buttons






9001K – Push buttons and mushroom operators

Note: When ordering, add prefix “9001” to the reference.

Illuminated Momentary Push Button Operators

For use in hazardous locations, see page 23.

Legend plate and contact block not included unless otherwise noted.

Description	Voltage and Frequency	Style	With Red Color Cap and 1 N.O. and 1 N.C. Contact (KA1) (2)	With Green Color Cap and 1 N.O. and 1 N.C. Contact (KA1) (2)	With Other Color Cap Without Contact Block (1) (2) (5)
 Full Guard Illuminated Push Button Clear Plastic Top 9001K1L1	110–120 V, 50–60 Hz	Transformer	K1L1RH13	K1L1GH13	K1L1▼
	220–240 V, 50–60 Hz	Transformer	K1L7RH13	K1L7GH13	K1L7▼
	24–28 Vac/Vdc	Full Voltage	K1L35RH13	K1L35GH13	K1L35▼
	For other voltages (2)	Transformer or Flashing	K1L■RH13	K1L■GH13	K1L■▼
		Full Voltage	K1L■RH13	K1L■GH13	K1L■▼
		Resistor or Neon (3)	K1L■RH13	K1L■GH13	K1L■▼
 Full Guard Illuminated Push Button Metal Top 9001K3L1	110–120 V, 50–60 Hz	Transformer	K3L1RH13	K3L1GH13	K3L1▼
	220–240 V, 50–60 Hz	Transformer	K3L7RH13	K3L7GH13	K3L7▼
	24–28 Vac/Vdc	Full Voltage	K3L35RH13	K3L35GH13	K3L35▼
	For other voltages (2)	Transformer or Flashing	K3L■RH13	K3L■GH13	K3L■▼
		Full Voltage	K3L■RH13	K3L■GH13	K3L■▼
		Resistor or Neon (3)	K3L■RH13	K3L■GH13	K3L■▼
 No Guard Illuminated Push Button 9001K2L1	110–120 V, 50–60 Hz	Transformer	K2L1RH13	K2L1GH13	K2L1▼
	220–240 V, 50–60 Hz	Transformer	K2L7RH13	K2L7GH13	K2L7▼
	24–28 Vac/Vdc	Full Voltage	K2L35RH13	K2L35GH13	K2L35▼
	For other voltages (2)	Transformer or Flashing	K2L■RH13	K2L■GH13	K2L■▼
		Full Voltage	K2L■RH13	K2L■GH13	K2L■▼
		Resistor or Neon (3)	K2L■RH13	K2L■GH13	K2L■▼
 1-3/8 in (35 mm) Illuminated Screw-On Plastic Mushroom (no Set Screw) 9001K2LR20	110–120 V, 50–60 Hz	Transformer	K2L1R20H13	K2L1G20H13	Order K2L■▼ above (6)
	220–240 V, 50–60 Hz	Transformer	K2L7R20H13	K2L7G20H13	
	24–28 Vac/Vdc	Full Voltage	K2L35R20H13	K2L35G20H13	
	For other voltages (2)	Transformer or Flashing	K2L■R20H13	K2L■G20H13	
		Full Voltage	K2L■R20H13	K2L■G20H13	
		Resistor or Neon (3)	K2L■R20H13	K2L■G20H13	
 2-1/4 in (57 mm) Illuminated Screw-On Plastic Mushroom (no Set Screw) 9001K2LR21	110–120 V, 50–60 Hz	Transformer	K2L1R21H13	K2L1G21H13	Order K2L■▼ above (6)
	220–240 V, 50–60 Hz	Transformer	K2L7R21H13	K2L7G21H13	
	24–28 Vac/Vdc	Full Voltage	K2L35R21H13	K2L35G21H13	
	For other voltages (2)	Transformer or Flashing	K2L■R21H13	K2L■G21H13	
		Full Voltage	K2L■R21H13	K2L■G21H13	
		Resistor or Neon (3)	K2L■R21H13	K2L■G21H13	
		LED (4)	K2L■R21H13	K2L■G21H13	

- (1) These operators can be ordered complete with contact blocks. For maximum block usage, see page 22. Add the “H” number chosen from page 22 to the end of the operator reference number and add the cost of the “H” number to the operator cost.
- (2) Replace ■ with the voltage assembly code as chosen from the tables on page 24. Example: K2L■ with 240 Vac/Vdc = K2L25
- (3) On neon light modules, use clear color caps only.
- (4) The cap must be the same color as the LED light module chosen, e.g., for red LED, use red color cap.
- (5) Replace ▼ with the color code as chosen from the color cap table below. Example: K2L25▼ with a blue 13/8 mushroom button = K2L25L20
- (6) The only difference between a no guard (K2L) operator and mushroom button operator is the color cap.

Color Caps

Color	Color Codes		
	▼ K1L, K2L, K3L	▼ 1-3/8 in Mushroom	▼ 2-1/4 in Mushroom
Red	R	R20	R21
Green	G	G20	G21
Blue	L	L20	L21
Yellow	Y	Y20	Y21
White	W	W20	W21
Clear	C	C20	C21
Amber	A	A20	A21

To select and order Contact Blocks, Light Modules, Knobs, and Accessories, see pages 20 to 29.

Harmony™ 9001K/SK/KX

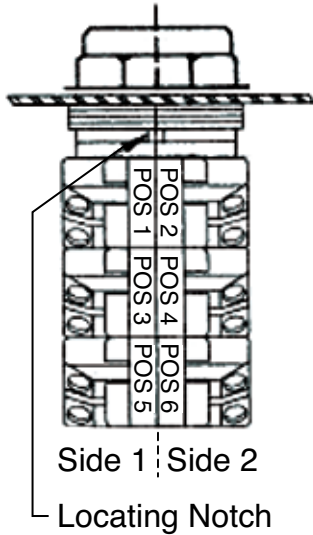
30 mm push buttons

9001K – Contact blocks

Note: When ordering, add prefix “9001” to the reference.

Contact Block “H” Codes

The design of the 9001KA contact blocks allows them to be mounted side by side and/or in tandem. This enables you to specify an operator and a particular arrangement of contact blocks (shipped completely assembled) with a single reference number. See page 20 for a description of contact blocks.

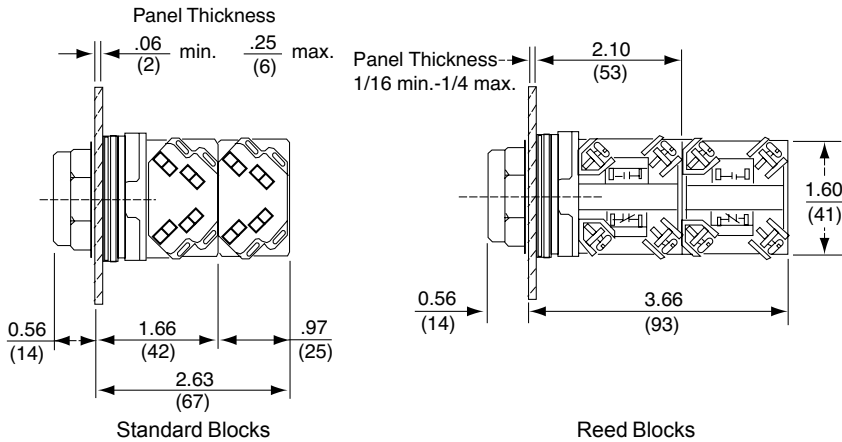


Example: A 9001KR1B push button with 2 9001KA1 contact blocks would be 9001KR1BH2.

Suffix No. (Add to Operator Reference)	Positions					
	1	2	3	4	5	6
H1	KA1					
H2	KA1	KA1				
H3	KA1	KA1	KA1			
H4	KA1	KA1	KA1	KA1		
H5	KA2					
H6	KA3					
H7	KA2	KA2				
H8	KA3	KA3				
H9	KA4	KA1				
H10	KA4	KA5				
H11	KA1	KA1		KA1		
H12	KA2	KA3	KA2	KA3		
H13		KA1				
H14		KA3				
H15	KA2	KA3	KA2			
H16	KA2	KA3		KA3		
H17	KA1	KA1	KA2			
H18	KA3	KA1	KA3		KA3	
H19	KA1	KA1	KA1	KA1	KA1	
H21	KA2	KA3				
H23	KA1	KA1	KA1	KA1	KA1	KA1
H24	KA1	KA2				
H25	KA5	KA3				

Note: For “H” Codes not shown in this table, contact your local Schneider Electric representative.

Dimensions When Using Contact Blocks



Maximum Contact Block Usage:

- 2 blocks mounted side by side only:** Any 2, 3 or 4-Position spring return selector switch (non-illuminated, illuminated or keyed).
- 2 blocks mounted in tandem on one side only:** Any 2 operator interlocked push button.
- 2 blocks mounted in tandem (total of four blocks):** Any selector push button, keyed push button, 2, 3, or 4-Position maintained selector switch (non-illuminated, illuminated or keyed), push pull operators (non-illuminated or illuminated), joy stick, dual push button.
- 3 blocks mounted in tandem (total of six blocks):** Single momentary push buttons (non-illuminated or illuminated).

Harmony™ 9001K/SK/KX

30 mm push buttons

9001K – Light modules

Note: When ordering, add prefix “9001” to the reference.



Standard Light Modules for 9001K Control Units (1)					
Voltage	Description	Light Module Reference	Voltage Assembly Code	Rating	Replacement Lamp Reference
All	Full Voltage (without Bayonet Base Lamp)	KM40	40	—	no lamp included
6 Vac/Vdc	Full Voltage	KM31	31	.9 VA	2550101020
6 Vac/Vdc	LED Red	KM31LR	31LR		6508805201
6 Vac/Vdc	LED Green	KM31LG	31LG		6508805203
6 Vac/Vdc	LED Yellow	KM31LY	31LY		6508805202
12–14 Vac/Vdc	Full Voltage	KM32	32	1.2 VA	2550101037
12–14 Vac/Vdc	LED Red	KM32LR	32LR		6508805201
12–14 Vac/Vdc	LED Green	KM32LG	32LG		6508805203
12–14 Vac/Vdc	LED Yellow	KM32LY	32LY		6508805202
18 Vac/Vdc	Resistor	KM33	33	1.4 VA	2550101037
24–28 Vac/Vdc	Full Voltage	KM35	35	1.2 VA	2550101002
24–28 Vac/Vdc	LED Red	KM35LR	35LR	.28 VA	6508805210
24–28 Vac/Vdc	LED Green	KM35LG	35LG	.28 VA	6508805212
24–28 Vac/Vdc	LED Yellow	KM35LY	35LY	.28 VA	6508805211
24–28 Vac/Vdc	LED White	KM35LW	35LW	.28 VA	6508805214
24–28 Vac/Vdc	LED Blue	KM35LL	35LL	.28 VA	6508805213
48 Vac/Vdc	Full Voltage	KM36	36	2.6 VA	2550101025
110–120 V, 50–60 Hz	LED Red	KM1LR	1LR		6508805201
110–120 V, 50–60 Hz	LED Green	KM1LG	1LG		6508805203
110–120 V, 50–60 Hz	LED Yellow	KM1LY	1LY		6508805202
110–120 V, 50–60 Hz	Transformer	KM1	1	2.4 VA	2550101020
110–120 V, 50–60 Hz	Flashing	KMF1	F1	.85 VA	2550101036
120 Vac/Vdc	Resistor	KM38	38	3.0 VA	2550101027
120 Vac/Vdc	Full Voltage	KM38	38	3.0 VA	2550101027
120 Vac/Vdc	Neon	KM11	11	0.2 VA	2550101013
120 Vac/Vdc	LED Red	KM38LR	38LR	1.4 VA	6508805210
120 Vac/Vdc	LED Green	KM38LG	38LG	1.4 VA	6508805212
120 Vac/Vdc	LED Yellow	KM38LY	38LY	1.4 VA	6508805211
120 Vac/Vdc	LED White	KM38LW	38LW	1.4 VA	6508805214
120 Vac/Vdc	LED Blue	KM38LL	38LL	1.4 VA	6508805213
208–220 V, 50–60 Hz	Transformer	KM3	3	2.5 VA	2550101020
208–220 V, 50–60 Hz	LED Red	KM3LR	3LR		6508805201
208–220 V, 50–60 Hz	LED Green	KM3LG	3LG		6508805203
208–220 V, 50–60 Hz	LED Yellow	KM3LY	3LY		6508805202
208–220 V, 50–60 Hz	LED White	KM3LW	3LW		6508805215
208–220 V, 50–60 Hz	LED Blue	KM3LL	3LL		6508805216
220–240 V, 50–60 Hz	Transformer	KM7	7	2.0 VA	2550101020
220–240 V, 50–60 Hz	LED Red	KM7LR	7LR		6508805201
220–240 V, 50–60 Hz	LED Green	KM7LG	7LG		6508805203
220–240 V, 50–60 Hz	LED Yellow	KM7LY	7LY		6508805202
220–240 V, 50–60 Hz	LED White	KM7LW	7LW		6508805215
220–240 V, 50–60 Hz	LED Blue	KM7LL	7LL		6508805216
240 Vac/Vdc	Resistor	KM25	25	6.0 VA	2550101027
240 Vac/Vdc	Neon	KM12	12	0.3 VA	2550101013
277 V, 50–60 Hz	Transformer	KM8	8	2.4 VA	2550101020
380–480 V, 50–60 Hz	Transformer	KM5	5	2.8 VA	2550101020
480 Vac/Vdc	Neon	KM14	14	0.5 VA	2550101013
550–600 V, 50–60 Hz	Transformer	KM6	6	2.5 VA	2550101020

(1) For use with all operators except KX and remote test pilot.

Notes: Light modules are available in other voltages, as shown above. For use in hazardous locations, see page 23. With neon type light modules, use a clear color cap only. With LED light modules, use either a clear color cap or a cap the same color as the LED.



Shallow Depth Light Modules for 9001K Control Units (2)					
Voltage	Description	Light Module Reference	Voltage Assembly Code	Rating	Replacement Lamp Reference
24–28 Vac/Vdc	Full Voltage	KM55	55	1.2 VA	2550101002
	LED Red	KM55LR	55LR	0.5 VA	6508805204
	LED Green	KM55LG	55LG		6508805206
	LED Yellow	KM55LY	55LY		6508805205
110–120 Vac/Vdc	Full Voltage	KM58	58	3.0 VA	2550101027
	LED Red	KM58LR	58LR	0.5 VA	6508805204
	LED Green	KM58LG	58LG		6508805206
	LED Yellow	KM58LY	58LY		6508805205

(2) For use with all operators except KX and remote test pilot.

Notes: For use in hazardous locations, see page 23. Reduces the depth of illuminated push buttons with contact blocks by over 33%. With LED light modules, use a cap that is the same color as the LED.



File
CCN

E42259
NKCR



File
Class LR25490
3211 03



marked