

Control Switch

K22,25,30 Series



Pilot Light



Non-Illuminated
Push Button Switch



Illuminated
Push Button Switch



Illuminated
Selector Switch



Non-Illuminated
Selector Switch



Key Switch



Illuminated
Emergency Stop Switch



Non-Illuminated
Emergency Stop Switch



Illuminated
Mushroom Push Button Switch



Non-Illuminated
Mushroom Push Button Switch



Illuminated
Full Guard



Non-Illuminated
Full Guard



Buzzer

Human-Machine
Interface

Control Switch

K22,25,30 Series

Part Number Description

K - 1 2 3 4 5 6			
① Operator Type	22 : Ø22	25 : Ø25	30 : Ø30
② Bezel Type	1 : Pilot Light	2 : Momentary	3 : Maintained
	4 : 2 Step Selector	5 : 3 Step Selector	
	6 : 2 Step Key	7 : 3 Step Key	8 : Emergency Stop
	BZ : Buzzer		
③ Illumination & Shape	1 : Non-Illuminated Round	2 : Non - Illuminated Rectangular	
	4 : Illumination Round	5 : Illumination Square	6 : Illumination Rectangular (I/O)
	7 : Illumination Round(LED)	8 : Illumination Square(LED)	9 : Illumination Rectangular (LED, I/O)
	A : Standard Operator Round	B : Standard Operator Square	
	C : Illumination Operator Round	D : Illumination Operator Square	
④ Color	R : Red	G : Green	Y : Yellow
	B : Blue	K : Black	W : White
⑤ Second Standard	RE : Non-Illuminated Extended	RF : Illuminated Pilot Flat	
	N29 : Ø29	N40 : Ø40	N65 : Ø65
	AL : ALGuard	B29 : P-Full Guard Ø29	B40 : P-Full Guard Ø40
	B65 : P-Full Guard Ø60		
	C29 : Meta Full Guard Ø29	C40 : Meta Full Guard Ø40	C65 : Meta Full Guard Ø65
	S2R : 2 Step Auto Short Lever	S3LR : 3 Step Both Auto Short Lever	S3L : 3 Step Left Auto Short Lever
	S3R : 3 Step Right Auto Short Lever		
	L2R : 2 Step Auto Long Lever	L3LR : 3 Step Both Auto Long Lever	L3L : 3 Step Left Auto Long Lever
	L3R : 3 Step Right Auto Long Lever	L : Long Lever	
	RX : Pilot New Flat	DR : Directions(Arrow)	
⑥ Rated Voltage	Switch	None : No Voltage	24VDC
		110VAC	220VAC
	Buzzer	12/24VDC	90/240VAC

☞ Aluminum guard type is available for Push buttons, Selector switches and key switches.

Example) AL guard type K22-21R --> K22-21R AL

AL guard type K22-24R 220VAC --> K22-24R 220VAC AL

☞ Emergency reset and mushroom head type (N40, N29...) model is not available for AL guard option.

General Specification

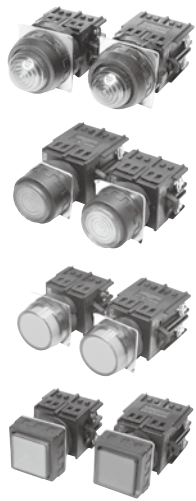
Contact Ratings	Material		Ag alloy		
	Rated Current	voltage	AC 1	AC 3	DC 1
		24V	10A	10A	6A
		48V	10A	10A	3A
		110V	10A	6A	2A
		250V	6A	4A	1A
		440V	2A	1.5A	-
	Life Cycles	Mechanical	Min. 200,000		
		Electrical	Min. 2,000,000 (Emergency, Selector : Min. 500,000)		
	Minimum Switching Current		10A		
	Minimum Switching Voltage		440VAC		
	Contact Resistance		50mΩ		
Illumination	Normal Current	AC	Filament	160mA	
			LED	15mA	
		DC	Filament	50mA	
			LED	15mA	
	Life Cycles	Filament	Min. 1,000hrs		
		LED	Min. 50,000hrs		
General Ratings	Dielectric Strength		1,800VAC for 1 minute		
	Degree of Protection		IP40 (RX IP54)		
	Insulation Resistance		Min. 100MΩ (500VDC)		
	Freequency of Alteration		30 / 1 Minute		
	Ambient Temperature		-25°C ~ + 70°C (with no icing)		
	Torque		0.8N·m (8.16kgf·m)		
Buzzer	Size		Ø22mm : K22-BZ	Ø25mm : K25-BZ	
	Supply Voltage		90VAC ~ 240VAC	12VDC ~ 24VDC	
	Power Consumption		Max. 5W		
	Maximum Output		Max. 1W		
	Sound Levels		80(dB) 1 minute		
	Degree of Protection		IP40		
	Sound Type		continuous	interrupted	
	Tightening Torque		0.8N·m (8.16kgf·cm)		

☞ Specifications and materials can be changed without prior notice for the enhancement of the quality.

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Product Selection

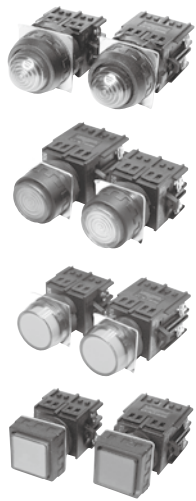
Operator Type	Panel Cutting Hole	Shape	Contact Form	Color	Part Number	Rated Voltage
Illuminated LED Pilot Light + "BA9S" Filament 	Ø22	Round	-	Red	K22-14R	24VDC 110VAC 220VAC
				Green	K22-14G	
				Blue	K22-14B	
				Yellow	K22-14Y	
				White	K22-14W	
		Round Flat	-	Red	K22-14R RF	24VDC 110VAC 220VAC
				Green	K22-14G RF	
				Blue	K22-14B RF	
				Yellow	K22-14Y RF	
				White	K22-14W RF	
		Round New Flat	-	Red	K22-14R RX	24VDC 110VAC 220VAC
				Green	K22-14G RX	
				Blue	K22-14B RX	
				Yellow	K22-14Y RX	
				White	K22-14W RX	
		Square	-	Red	K22-15R	24VDC 110VAC 220VAC
				Green	K22-15G	
				Blue	K22-15B	
				Yellow	K22-15Y	
				White	K22-15W	
		Square Directions (Arrow)	-	Red	K22-15R DR	24VDC 110VAC 220VAC
				Green	K22-15G DR	
				Blue	K22-15B DR	
				Yellow	K22-15Y DR	
				White	K22-15W DR	
	Ø25	Round	-	Red	K25-14R	24VDC 110VAC 220VAC
				Green	K25-14G	
				Blue	K25-14B	
				Yellow	K25-14Y	
				White	K25-14W	
		Round Flat	-	Red	K25-14R RF	24VDC 110VAC 220VAC
				Green	K25-14G RF	
				Blue	K25-14B RF	
				Yellow	K25-14Y RF	
				White	K25-14W RF	
		Round New Flat	-	Red	K25-14R RX	24VDC 110VAC 220VAC
				Green	K25-14G RX	
				Blue	K25-14B RX	
				Yellow	K25-14Y RX	
				White	K25-14W RX	
		Square	-	Red	K25-15R	24VDC 110VAC 220VAC
				Green	K25-15G	
				Blue	K25-15B	
				Yellow	K25-15Y	
				White	K25-15W	
		Square Directions (Arrow)	-	Red	K25-15R DR	24VDC 110VAC 220VAC
				Green	K25-15G DR	
				Blue	K25-15B DR	
				Yellow	K25-15Y DR	
				White	K25-15W DR	

Operator Type	Panel Cutting Hole	Shape	Contact Form	Color	Part Number	Rated Voltage
Illuminated LED Pilot Light + "BA9S" Filament	Ø30	Round	-	Red	K30-14R	24VDC 110VAC 220VAC
				Green	K30-14G	
				Blue	K30-14B	
				Yellow	K30-14Y	
				White	K30-14W	
		Round Flat	-	Red	K30-14R RF	24VDC 110VAC 220VAC
				Green	K30-14G RF	
				Blue	K30-14B RF	
				Yellow	K30-14Y RF	
				White	K30-14W RF	

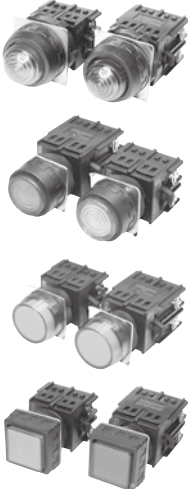
Control Switch

K22,25,30 Series

Product Selection

Operator Type	Panel Cutting Hole	Shape	Contact Form	Color	Part Number	Rated Voltage
Illuminated LED Pilot Light + "BA9S-K" LED 	Ø22	Round	-	Red	K22-17R	24VDC 110VAC 220VAC
				Green	K22-17G	
				Blue	K22-17B	
				Yellow	K22-17Y	
				White	K22-17W	
		Round Flat	-	Red	K22-17R RF	24VDC 110VAC 220VAC
				Green	K22-17G RF	
				Blue	K22-17B RF	
				Yellow	K22-17Y RF	
				White	K22-17W RF	
		Round New Flat	-	Red	K22-17R RX	24VDC 110VAC 220VAC
				Green	K22-17G RX	
				Blue	K22-17B RX	
				Yellow	K22-17Y RX	
				White	K22-17W RX	
		Square	-	Red	K22-18R	24VDC 110VAC 220VAC
				Green	K22-18G	
				Blue	K22-18B	
				Yellow	K22-18Y	
				White	K22-18W	
		Square Directions (Arrow)	-	Red	K22-18R DR	24VDC 110VAC 220VAC
				Green	K22-18G DR	
				Blue	K22-18B DR	
				Yellow	K22-18Y DR	
				White	K22-18W DR	
	Ø25	Round	-	Red	K25-17R	24VDC 110VAC 220VAC
				Green	K25-17G	
				Blue	K25-17B	
				Yellow	K25-17Y	
				White	K25-17W	
		Round Flat	-	Red	K25-17R RF	24VDC 110VAC 220VAC
				Green	K25-17G RF	
				Blue	K25-17B RF	
				Yellow	K25-17Y RF	
				White	K25-17W RF	
		Round New Flat	-	Red	K25-17R RX	24VDC 110VAC 220VAC
				Green	K25-17G RX	
				Blue	K25-17B RX	
				Yellow	K25-17Y RX	
				White	K25-17W RX	
		Square	-	Red	K25-18R	24VDC 110VAC 220VAC
				Green	K25-18G	
				Blue	K25-18B	
				Yellow	K25-18Y	
				White	K25-18W	
		Square Directions (Arrow)	-	Red	K25-18R DR	24VDC 110VAC 220VAC
				Green	K25-18G DR	
				Blue	K25-18B DR	
				Yellow	K25-18Y DR	
				White	K25-18W DR	

Product Selection

Operator Type	Panel Cutting Hole	Shape	Contact Form	Color	Part Number	Rated Voltage
Illuminated LED Pilot Light + "BA9S-K" LED 	Ø30	Round	-	Red	K30-17R	24VDC 110VAC 220VAC
				Green	K30-17G	
				Blue	K30-17B	
				Yellow	K30-17Y	
				White	K30-17W	
		Round Flat	-	Red	K30-17R RF	24VDC 110VAC 220VAC
				Green	K30-17G RF	
				Blue	K30-17B RF	
				Yellow	K30-17Y RF	
				White	K30-17W RF	

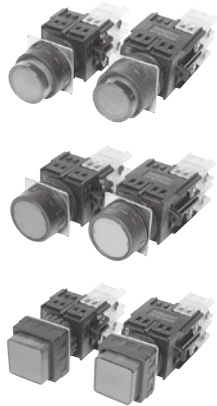
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K22,25,30 Series

Product Selection

Operator Type	Panel Cutting Hole	Shape	Contact Form	Color	Part Number	Rated Voltage
Momentary Non-Illuminated Push Button Switch 	Ø22	Round	1N/O	Red	K22-21R	-
				Green	K22-21G	
				Blue	K22-21B	
				Yellow	K22-21Y	
				White	K22-21W	
				Black	K22-21K	
		Square	1N/O	Red	K22-22R	-
				Green	K22-22G	
				Blue	K22-22B	
				Yellow	K22-22Y	
				White	K22-22W	
				Black	K22-22K	
		Square Directions (Arrow)	1N/O	Red	K22-22R DR	-
				Green	K22-22G DR	
				Blue	K22-22B DR	
				Yellow	K22-22Y DR	
				White	K22-22W DR	
	Ø25	Round	1N/O	Red	K25-21R	-
				Green	K25-21G	
				Blue	K25-21B	
				Yellow	K25-21Y	
				White	K25-21W	
				Black	K25-21K	
		Square	1N/O	Red	K25-22R	-
				Green	K25-22G	
				Blue	K25-22B	
				Yellow	K25-22Y	
				White	K25-22W	
				Black	K25-22K	
		Square Directions (Arrow)	1N/O	Red	K25-22R DR	-
				Green	K25-22G DR	
				Blue	K25-22B DR	
				Yellow	K25-22Y DR	
				White	K25-22W DR	
	Ø30	Round	1N/O	Red	K30-21R	-
				Green	K30-21G	
				Blue	K30-21B	
				Yellow	K30-21Y	
				White	K30-21W	
				Black	K30-21K	

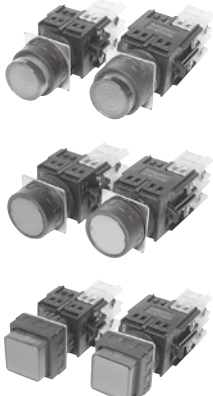
Product Selection

Operator Type	Panel Cutting Hole	Shape	Contact Form	Color	Part Number	Rated Voltage
Momentary Illuminated Push Button Switch + "BA9S" Filament 	Ø22	Round	1N/O	Red	K22-24R	24VDC 110VAC 220VAC
				Green	K22-24G	
				Blue	K22-24B	
				Yellow	K22-24Y	
				White	K22-24W	
		Round Flat	1N/O	Red	K22-24R RF	24VDC 110VAC 220VAC
				Green	K22-24G RF	
				Blue	K22-24B RF	
				Yellow	K22-24Y RF	
				White	K22-24W RF	
		Square	1N/O	Red	K22-25R	24VDC 110VAC 220VAC
				Green	K22-25G	
				Blue	K22-25B	
				Yellow	K22-25Y	
				White	K22-25W	
		Square Directions (Arrow)	1N/O	Red	K22-25R DR	24VDC 110VAC 220VAC
				Green	K22-25G DR	
				Blue	K22-25B DR	
				Yellow	K22-25Y DR	
				White	K22-25W DR	
	Ø25	Round	1N/O	Red	K25-24R	24VDC 110VAC 220VAC
				Green	K25-24G	
				Blue	K25-24B	
				Yellow	K25-24Y	
				White	K25-24W	
		Round Flat	1N/O	Red	K25-24R RF	24VDC 110VAC 220VAC
				Green	K25-24G RF	
				Blue	K25-24B RF	
				Yellow	K25-24Y RF	
				White	K25-24W RF	
		Square	1N/O	Red	K25-25R	24VDC 110VAC 220VAC
				Green	K25-25G	
				Blue	K25-25B	
				Yellow	K25-25Y	
				White	K25-25W	
		Square Directions (Arrow)	1N/O	Red	K25-25R DR	24VDC 110VAC 220VAC
				Green	K25-25G DR	
				Blue	K25-25B DR	
				Yellow	K25-25Y DR	
				White	K25-25W DR	
	Ø30	Round	1N/O	Red	K30-24R	24VDC 110VAC 220VAC
				Green	K30-24G	
				Blue	K30-24B	
				Yellow	K30-24Y	
				White	K30-24W	
		Round Flat	1N/O	Red	K30-24R RF	24VDC 110VAC 220VAC
				Green	K30-24G RF	
				Blue	K30-24B RF	
				Yellow	K30-24Y RF	
				White	K30-24W RF	

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Operator Type	Panel Cutting Hole	Shape	Contact Form	Color	Part Number	Rated Voltage
Momentary Illuminated Push Button Switch + "BA9S-K" LED 	Ø22	Round	1N/O	Red	K22-27R	24VDC 110VAC 220VAC
				Green	K22-27G	
				Blue	K22-27B	
				Yellow	K22-27Y	
				White	K22-27W	
		Round Flat	1N/O	Red	K22-27R RF	24VDC 110VAC 220VAC
				Green	K22-27G RF	
				Blue	K22-27B RF	
				Yellow	K22-27Y RF	
				White	K22-27W RF	
		Square	1N/O	Red	K22-28R	24VDC 110VAC 220VAC
				Green	K22-28G	
				Blue	K22-28B	
				Yellow	K22-28Y	
				White	K22-28W	
		Square Directions (Arrow)	1N/O	Red	K22-28R DR	24VDC 110VAC 220VAC
				Green	K22-28G DR	
				Blue	K22-28B DR	
				Yellow	K22-28Y DR	
				White	K22-28W DR	
	Ø25	Round	1N/O	Red	K25-27R	24VDC 110VAC 220VAC
				Green	K25-27G	
				Blue	K25-27B	
				Yellow	K25-27Y	
				White	K25-27W	
		Round Flat	1N/O	Red	K25-27R RF	24VDC 110VAC 220VAC
				Green	K25-27G RF	
				Blue	K25-27B RF	
				Yellow	K25-27Y RF	
				White	K25-27W RF	
		Square	1N/O	Red	K25-28R	24VDC 110VAC 220VAC
				Green	K25-28G	
				Blue	K25-28B	
				Yellow	K25-28Y	
				White	K25-28W	
		Square Directions (Arrow)	1N/O	Red	K25-28R DR	24VDC 110VAC 220VAC
				Green	K25-28G DR	
				Blue	K25-28B DR	
				Yellow	K25-28Y DR	
				White	K25-28W DR	
	Ø30	Round	1N/O	Red	K30-27R	24VDC 110VAC 220VAC
				Green	K30-27G	
				Blue	K30-27B	
				Yellow	K30-27Y	
				White	K30-27W	
		Round Flat	1N/O	Red	K30-27R RF	24VDC 110VAC 220VAC
				Green	K30-27G RF	
				Blue	K30-27B RF	
				Yellow	K30-27Y RF	
				White	K30-27W RF	

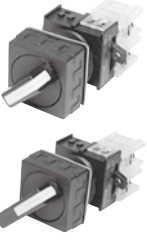
Product Selection

Operator Type	Panel Cutting Hole	Shape	Contact Form	Color	Part Number	Rated Voltage
Push-Selector 	Ø22	Round	1N/O + 1N/C	Black	K22-21S	24VDC 110VAC 220VAC
				Black	K22-21SG	
	Ø25	Round	1N/O + 1N/C	Black	K25-21S	
				Black	K25-21SG	
	Ø30	Round	1N/O + 1N/C	Black	K30-21S	
				Black	K30-21SG	
Illuminated I/O Switch + "BA9S" Filament 	Ø22	Rectangular	1N/O + 1N/C		K22-26D	24VDC 110VAC 220VAC
	Ø25	Rectangular	1N/O + 1N/C		K25-26D	
Illuminated I/O Switch + "BA9S+KY" LED 	Ø22	Rectangular	1N/O + 1N/C		K22-29D	24VDC 110VAC 220VAC
	Ø25	Rectangular	1N/O + 1N/C		K25-29D	

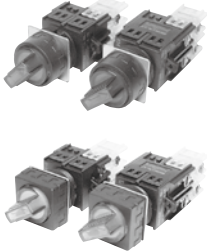
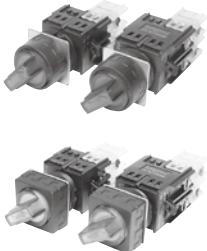
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Operator Type	Shape	Head Type	Contact Form	Color	Selector Type	Operator Function	Part Number	Rated Voltage
	Ø22 Round	Knob Type	1N/O	Black	Maintained		K22-41K	-
				Red			K22-41R	
				Green			K22-41G	
				Yellow			K22-41Y	
				Blue			K22-41B	
				Black	Spring Return		K22-41K-S2R	-
				Red			K22-41R-S2R	
				Green			K22-41G-S2R	
				Yellow			K22-41B-S2R	
				Blue			K22-41Y-S2R	
		Lever Type	1N/O	Black	Maintained		K22-41K-L	-
				Red			K22-41R-L	
				Green			K22-41G-L	
				Yellow			K22-41Y-L	
				Blue			K22-41B-L	
				Black	Spring Return		K22-41K-L2R	-
				Red			K22-41R-L2R	
				Green			K22-41G-L2R	
				Yellow			K22-41Y-L2R	
				Blue			K22-41B-L2R	
	Ø22 Square	Knob Type	1N/O	Black	Maintained		K22-42K	-
				Red			K22-42R	
				Green			K22-42G	
				Yellow			K22-42Y	
				Blue			K22-42B	
				Black	Spring Return		K22-42K-S2R	-
				Red			K22-42R-S2R	
				Green			K22-42G-S2R	
				Yellow			K22-42Y-S2R	
				Blue			K22-42B-S2R	
		Lever Type	1N/O	Black	Maintained		K22-42K-L	-
				Red			K22-42R-L	
				Green			K22-42G-L	
				Yellow			K22-42Y-L	
				Blue			K22-42B-L	
				Black	Spring Return		K22-42K-L2R	-
				Red			K22-42R-L2R	
				Green			K22-42G-L2R	
				Yellow			K22-42Y-L2R	
				Blue			K22-42B-L2R	

Product Selection

Operator Type	Shape	Head Type	Contact Form	Color	Selector Type	Operator Function	Part Number	Rated Voltage
Illuminated Selector Switch (2 Position) + "BA7S" Filament 	Ø22 Round	Knob Type	1N/O	Red	Maintained		K22-44R	24VDC 110VAC 220VAC
				Green			K22-44G	
				Yellow			K22-44Y	
				Blue			K22-44B	
				Red	Spring Return		K22-44R-S2R	24VDC 110VAC 220VAC
				Green			K22-44G-S2R	
				Yellow			K22-44Y-S2R	
				Blue			K22-44B-S2R	
	Ø22 Square	Knob Type	1N/O	Red	Maintained		K22-45R	24VDC 110VAC 220VAC
				Green			K22-45G	
				Yellow			K22-45Y	
				Blue			K22-45B	
				Red	Spring Return		K22-45R-S2R	24VDC 110VAC 220VAC
				Green			K22-45G-S2R	
				Yellow			K22-45Y-S2R	
				Blue			K22-45B-S2R	
Illuminated Selector Switch (2 Position) + "BA7S - K" LED 	Ø22 Round	Knob Type	1N/O	Red	Maintained		K22-47R	24VDC 110VAC 220VAC
				Green			K22-47G	
				Yellow			K22-47Y	
				Blue			K22-47B	
				Red	Spring Return		K22-47R-S2R	24VDC 110VAC 220VAC
				Green			K22-47G-S2R	
				Yellow			K22-47Y-S2R	
				Blue			K22-47B-S2R	
	Ø22 Square	Knob Type	1N/O	Red	Maintained		K22-48R	24VDC 110VAC 220VAC
				Green			K22-48G	
				Yellow			K22-48Y	
				Blue			K22-48B	
				Red	Spring Return		K22-48R-S2R	24VDC 110VAC 220VAC
				Green			K22-48G-S2R	
				Yellow			K22-48Y-S2R	
				Blue			K22-48B-S2R	

Control Switch

K22,25,30 Series

Product Selection

Operator Type	Shape	Head Type	Contact Form	Color	Selector Type	Operator Function	Part Number	Rated Voltage
Non-Illuminated Selector Switch (3 Position)	Ø22 Round	Knob Type	2N/O	Black	Maintained		K22-51K	-
				Red			K22-51R	
				Green			K22-51G	
				Yellow			K22-51Y	
				Blue			K22-51B	
				Black	Left Auto		K22-51K-S3L	-
				Red			K22-51R-S3L	
				Green			K22-51G-S3L	
				Yellow			K22-51Y-S3L	
				Blue			K22-51B-S3L	
				Black	Right Auto		K22-51K-S3R	-
				Red			K22-51R-S3R	
				Green			K22-51G-S3R	
				Yellow			K22-51Y-S3R	
				Blue			K22-51B-S3R	
				Black	Both Auto		K22-51K-S3LR	-
				Red			K22-51R-S3LR	
				Green			K22-51G-S3LR	
				Yellow			K22-51Y-S3LR	
				Blue			K22-51B-S3LR	
		Lever Type	2N/O	Black	Maintained		K22-51K-L	-
				Red			K22-51R-L	
				Green			K22-51G-L	
				Yellow			K22-51Y-L	
				Blue			K22-51B-L	
				Black	Left Auto		K22-51K-L3L	-
				Red			K22-51R-L3L	
				Green			K22-51G-L3L	
				Yellow			K22-51Y-L3L	
				Blue			K22-51B-L3L	
				Black	Right Auto		K22-51K-L3R	-
				Red			K22-51R-L3R	
				Green			K22-51G-L3R	
				Yellow			K22-51Y-L3R	
				Blue			K22-51B-L3R	
				Black	Both Auto		K22-51K-L3LR	-
				Red			K22-51R-L3LR	
				Green			K22-51G-L3LR	
				Yellow			K22-51Y-L3LR	
				Blue			K22-51B-L3LR	

Product Selection

Operator Type	Shape	Head Type	Contact Form	Color	Selector Type	Operator Function	Part Number	Rated Voltage
Non-Illuminated Selector Switch (3 Position)	Ø22 Square	Knob Type	2N/O	Black	Maintained		K22-52K	-
				Red			K22-52R	
				Green			K22-52G	
				Yellow			K22-52Y	
				Blue			K22-52B	
				Black	Left Auto		K22-52K-S3L	-
				Red			K22-52R-S3L	
				Green			K22-52G-S3L	
				Yellow			K22-52Y-S3L	
				Blue			K22-52B-S3L	
				Black	Right Auto		K22-52K-S3R	-
				Red			K22-52R-S3R	
				Green			K22-52G-S3R	
				Yellow			K22-52Y-S3R	
				Blue			K22-52B-S3R	
				Black	Both Auto		K22-51K-S3LR	-
				Red			K22-51R-S3LR	
				Green			K22-51G-S3LR	
				Yellow			K22-51Y-S3LR	
				Blue			K22-51B-S3LR	
		Lever Type	2N/O	Black	Maintained		K22-52K-L	-
				Red			K22-52R-L	
				Green			K22-52G-L	
				Yellow			K22-52Y-L	
				Blue			K22-52B-L	
				Black	Left Auto		K22-52K-L3L	-
				Red			K22-52R-L3L	
				Green			K22-52G-L3L	
				Yellow			K22-52Y-L3L	
				Blue			K22-52B-L3L	
				Black	Right Auto		K22-52K-L3R	-
				Red			K22-52R-L3R	
				Green			K22-52G-L3R	
				Yellow			K22-52Y-L3R	
				Blue			K22-52B-L3R	
				Black	Both Auto		K22-51K-L3LR	-
				Red			K22-51R-L3LR	
				Green			K22-51G-L3LR	
				Yellow			K22-51Y-L3LR	
				Blue			K22-51B-L3LR	

Control Switch

K22,25,30 Series

Product Selection

Operator Type	Shape	Head Type	Contact Form	Color	Selector Type	Operator Function	Part Number	Rated Voltage
	Ø22 Round	Knob Type	2N/O	Red	Maintained		K22-54R	24VDC 110VAC 220VAC
				Green			K22-54G	
				Yellow			K22-54Y	
				Blue			K22-54B	
				White			K22-54W	
				Red	Left Auto		K22-54R-S3L	24VDC 110VAC 220VAC
				Green			K22-54G-S3L	
				Yellow			K22-54Y-S3L	
				Blue			K22-54B-S3L	
				Blue			K22-54W-S3L	
				Red	Right Auto		K22-54R-S3R	24VDC 110VAC 220VAC
				Green			K22-54G-S3R	
				Yellow			K22-54Y-S3R	
				Blue			K22-54B-S3R	
				Blue			K22-54W-S3R	
				Red	Both Auto		K22-54R-S3LR	24VDC 110VAC 220VAC
				Green			K22-54G-S3LR	
				Yellow			K22-54Y-S3LR	
				Blue			K22-54B-S3LR	
				Blue			K22-54W-S3LR	
	Ø22 Square	Knob Type	2N/O	Red	Maintained		K22-55R	24VDC 110VAC 220VAC
				Green			K22-55G	
				Yellow			K22-55Y	
				Blue			K22-55B	
				Blue			K22-55W	
				Red	Left Auto		K22-55R-S3L	24VDC 110VAC 220VAC
				Green			K22-55G-S3L	
				Yellow			K22-55Y-S3L	
				Blue			K22-55B-S3L	
				Blue			K22-55W-S3L	
				Red	Right Auto		K22-55R-S3R	24VDC 110VAC 220VAC
				Green			K22-55G-S3R	
				Yellow			K22-55Y-S3R	
				Blue			K22-55B-S3R	
				Blue			K22-55W-S3R	
				Red	Both Auto		K22-55R-S3LR	24VDC 110VAC 220VAC
				Green			K22-55G-S3LR	
				Yellow			K22-55Y-S3LR	
				Blue			K22-55B-S3LR	
				Blue			K22-55W-S3LR	

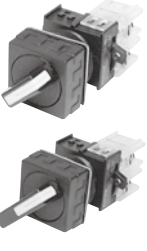
Product Selection

Operator Type	Shape	Head Type	Contact Form	Color	Selector Type	Operator Function	Part Number	Rated Voltage
Illuminated Selector Switch (3 Position) + "BA7S - K" LED	Ø22 Round	Knob Type	2N/O	Red	Maintained		K22-57R	24VDC 110VAC 220VAC
				Green			K22-57G	
				Yellow			K22-57Y	
				Blue			K22-57B	
				Blue			K22-57W	
				Red	Left Auto		K22-57R-S3L	24VDC 110VAC 220VAC
				Green			K22-57G-S3L	
				Yellow			K22-57Y-S3L	
				Blue			K22-57B-S3L	
				Blue			K22-57W-S3L	
				Red	Right Auto		K22-57R-S3R	24VDC 110VAC 220VAC
				Green			K22-57G-S3R	
				Yellow			K22-57Y-S3R	
				Blue			K22-57B-S3R	
				Blue			K22-57W-S3R	
				Red	Both Auto		K22-57R-S3LR	24VDC 110VAC 220VAC
				Green			K22-57G-S3LR	
				Yellow			K22-57Y-S3LR	
				Blue			K22-57B-S3LR	
				Blue			K22-57W-S3LR	
	Ø22 Square	Knob Type	2N/O	Red	Maintained		K22-58R	24VDC 110VAC 220VAC
				Green			K22-58G	
				Yellow			K22-58Y	
				Blue			K22-58B	
				Blue			K22-58W	
				Red	Left Auto		K22-58R-S3L	24VDC 110VAC 220VAC
				Green			K22-58G-S3L	
				Yellow			K22-58Y-S3L	
				Blue			K22-58B-S3L	
				Blue			K22-58W-S3L	
				Red	Right Auto		K22-58R-S3R	24VDC 110VAC 220VAC
				Green			K22-58G-S3R	
				Yellow			K22-58Y-S3R	
				Blue			K22-58B-S3R	
				Blue			K22-58W-S3R	
				Red	Both Auto		K22-58R-S3LR	24VDC 110VAC 220VAC
				Green			K22-58G-S3LR	
				Yellow			K22-58Y-S3LR	
				Blue			K22-58B-S3LR	
				Blue			K22-58W-S3LR	

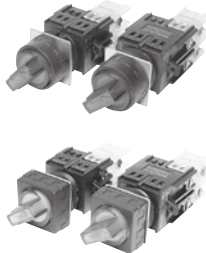
Control Switch

K22,25,30 Series

Product Selection

Operator Type	Shape	Head Type	Contact Form	Color	Selector Type	Operator Function	Part Number	Rated Voltage
	Ø25 Round	Knob Type	1N/O	Black	Maintained		K25-41K	-
				Red			K25-41R	
				Green			K25-41G	
				Yellow			K25-41Y	
				Blue			K25-41B	
				Black	Spring Return		K25-41K-S2R	-
				Red			K25-41R-S2R	
				Green			K25-41G-S2R	
				Yellow			K25-41Y-S2R	
				Blue			K25-41B-S2R	
		Lever Type	1N/O	Black	Maintained		K25-41K-L	-
				Red			K25-41R-L	
				Green			K25-41G-L	
				Yellow			K25-41Y-L	
				Blue			K25-41B-L	
				Black	Spring Return		K25-41K-L2R	-
				Red			K25-41R-L2R	
				Green			K25-41G-L2R	
				Yellow			K25-41Y-L2R	
				Blue			K25-41B-L2R	
	Ø25 Square	Knob Type	1N/O	Black	Maintained		K25-42K	-
				Red			K25-42R	
				Green			K25-42G	
				Yellow			K25-42Y	
				Blue			K25-42B	
				Black	Spring Return		K25-42K-S2R	-
				Red			K25-42R-S2R	
				Green			K25-42G-S2R	
				Yellow			K25-42Y-S2R	
				Blue			K25-42B-S2R	
		Lever Type	1N/O	Black	Maintained		K25-42K-L	-
				Red			K25-42R-L	
				Green			K25-42G-L	
				Yellow			K25-42Y-L	
				Blue			K25-42B-L	
				Black	Spring Return		K25-42K-L2R	-
				Red			K25-42R-L2R	
				Green			K25-42G-L2R	
				Yellow			K25-42Y-L2R	
				Blue			K25-42B-L2R	

Product Selection

Operator Type	Shape	Head Type	Contact Form	Color	Selector Type	Operator Function	Part Number	Rated Voltage
Illuminated Selector Switch (2 Position) + "BA7S" Filament 	Ø25 Round	Knob Type	1N/O	Red	Maintained		K25-44R	24VDC 110VAC 220VAC
				Green			K25-44G	
				Blue			K25-44Y	
				Yellow			K25-44B	
				White			K25-44W	
				Red	Spring Return		K25-44R-S2R	24VDC 110VAC 220VAC
				Green			K25-44G-S2R	
				Blue			K25-44Y-S2R	
				Yellow			K25-44B-S2R	
				White			K25-44W-S2R	
	Ø25 Square	Knob Type	1N/O	Red	Maintained		K25-45R	24VDC 110VAC 220VAC
				Green			K25-45G	
				Blue			K25-45Y	
				Yellow			K25-45B	
White				K25-45W				
Red				Spring Return		K25-45R-S2R	24VDC 110VAC 220VAC	
Green						K25-45G-S2R		
Blue						K25-45Y-S2R		
Yellow						K25-45B-S2R		
White						K25-45W-S2R		
Illuminated Selector Switch (2 Position) + "BA7S - K" LED 	Ø25 Round	Knob Type	1N/O	Red	Maintained		K25-47R	24VDC 110VAC 220VAC
				Green			K25-47G	
				Blue			K25-47Y	
				Yellow			K25-47B	
				White			K25-47W	
				Red	Spring Return		K25-47R-S2R	24VDC 110VAC 220VAC
				Green			K25-47G-S2R	
				Blue			K25-47Y-S2R	
				Yellow			K25-47B-S2R	
				White			K25-47W-S2R	
	Ø25 Square	Knob Type	1N/O	Red	Maintained		K25-48R	24VDC 110VAC 220VAC
				Green			K25-48G	
				Blue			K25-48Y	
				Yellow			K25-48B	
White				K25-48W				
Red				Spring Return		K25-48R-S2R	24VDC 110VAC 220VAC	
Green						K25-48G-S2R		
Blue						K25-48Y-S2R		
Yellow						K25-48B-S2R		
White						K25-48W-ST2R		

Control Switch

K22,25,30 Series

Product Selection

Operator Type	Shape	Head Type	Contact Form	Color	Selector Type	Operator Function	Part Number	Rated Voltage
Non-Illuminated Selector Switch (3 Position)	Ø25 Round	Knob Type	2N/O	Black	Maintained		K25-51K	-
				Red			K25-51R	
				Green			K25-51G	
				Yellow			K25-51Y	
				Blue			K25-51B	
				Black	Left Auto		K25-51K-S3L	-
				Red			K25-51R-S3L	
				Green			K25-51G-S3L	
				Yellow			K25-51Y-S3L	
				Blue			K25-51B-S3L	
				Black	Right Auto		K25-51K-S3R	-
				Red			K25-51R-S3R	
				Green			K25-51G-S3R	
				Yellow			K25-51Y-S3R	
				Blue			K25-51B-S3R	
				Black	Both Auto		K25-51K-S3LR	-
				Red			K25-51R-S3LR	
				Green			K25-51G-S3LR	
				Yellow			K25-51Y-S3LR	
				Blue			K25-51B-S3LR	
		Lever Type	2N/O	Black	Maintained		K25-51K-L	-
				Red			K25-51R-L	
				Green			K25-51G-L	
				Yellow			K25-51Y-L	
				Blue			K25-51B-L	
				Black	Left Auto		K25-51K-L3L	-
				Red			K25-51R-L3L	
				Green			K25-51G-L3L	
				Yellow			K25-51Y-L3L	
				Blue			K25-51B-L3L	
				Black	Right Auto		K25-51K-L3R	-
				Red			K25-51R-L3R	
				Green			K25-51G-L3R	
				Yellow			K25-51Y-L3R	
				Blue			K25-51B-L3R	
				Black	Both Auto		K25-51K-L3LR	-
				Red			K25-51R-L3LR	
				Green			K25-51G-L3LR	
				Yellow			K25-51Y-L3LR	
				Blue			K25-51B-L3LR	

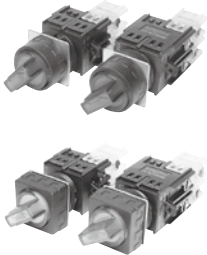
Product Selection

Operator Type	Shape	Head Type	Contact Form	Color	Selector Type	Operator Function	Part Number	Rated Voltage
Non-Illuminated Selector Switch (3 Position)	Ø25 Square	Knob Type	2N/O	Black	Maintained		K25-52K	-
				Red			K25-52R	
				Green			K25-52G	
				Yellow			K25-52Y	
				Blue			K25-52B	
				Black	Left Auto		K25-52K-S3L	-
				Red			K25-52R-S3L	
				Green			K25-52G-S3L	
				Yellow			K25-52Y-S3L	
				Blue			K25-52B-S3L	
				Black	Right Auto		K25-52K-S3R	-
				Red			K25-52R-S3R	
				Green			K25-52G-S3R	
				Yellow			K25-52Y-S3R	
				Blue			K25-52B-S3R	
				Black	Both Auto		K25-51K-S3LR	-
				Red			K25-51R-S3LR	
				Green			K25-51G-S3LR	
				Yellow			K25-51Y-S3LR	
				Blue			K25-51B-S3LR	
		Lever Type	2N/O	Black	Maintained		K25-52K-L	-
				Red			K25-52R-L	
				Green			K25-52G-L	
				Yellow			K25-52Y-L	
				Blue			K25-52B-L	
				Black	Left Auto		K25-52K-L3L	-
				Red			K25-52R-L3L	
				Green			K25-52G-L3L	
				Yellow			K25-52Y-L3L	
				Blue			K25-52B-L3L	
				Black	Right Auto		K25-52K-L3R	-
				Red			K25-52R-L3R	
				Green			K25-52G-L3R	
				Yellow			K25-52Y-L3R	
				Blue			K25-52B-L3R	
				Black	Both Auto		K25-51K-L3LR	-
				Red			K25-51R-L3LR	
				Green			K25-51G-L3LR	
				Yellow			K25-51Y-L3LR	
				Blue			K25-51B-L3LR	

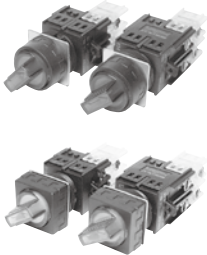
Control Switch

K22,25,30 Series

Product Selection

Operator Type	Shape	Head Type	Contact Form	Color	Selector Type	Operator Function	Part Number	Rated Voltage
Illuminated Selector Switch (3 Position) + "BA7S" Filament 	Ø25 Round	Knob Type	2N/O	Red	Maintained		K25-54R	24VDC 110VAC 220VAC
				Green			K25-54G	
				Yellow			K25-54Y	
				Blue			K25-54B	
				Red	Left Auto		K25-54R-S3L	24VDC 110VAC 220VAC
				Green			K25-54G-S3L	
				Yellow			K25-54Y-S3L	
				Blue			K25-54B-S3L	
				Red	Right Auto		K25-54R-S3R	24VDC 110VAC 220VAC
				Green			K25-54G-S3R	
				Yellow			K25-54Y-S3R	
				Blue			K25-54B-S3R	
				Red	Both Auto		K25-54R-S3LR	24VDC 110VAC 220VAC
				Green			K25-54G-S3LR	
				Yellow			K25-54Y-S3LR	
				Blue			K25-54B-S3LR	
	Ø25 Square	Knob Type	2N/O	Red	Maintained		K25-55R	24VDC 110VAC 220VAC
				Green			K25-55G	
				Yellow			K25-55Y	
				Blue			K25-55B	
				Red	Left Auto		K25-55R-S3L	24VDC 110VAC 220VAC
				Green			K25-55G-S3L	
				Yellow			K25-55Y-S3L	
				Blue			K25-55B-S3L	
				Red	Right Auto		K25-55R-S3R	24VDC 110VAC 220VAC
				Green			K25-55G-S3R	
				Yellow			K25-55Y-S3R	
				Blue			K25-55B-S3R	
				Red	Both Auto		K25-55R-S3LR	24VDC 110VAC 220VAC
				Green			K25-55G-S3LR	
				Yellow			K25-55Y-S3LR	
				Blue			K25-55B-S3LR	

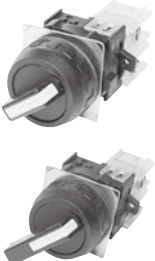
Product Selection

Operator Type	Shape	Head Type	Contact Form	Color	Selector Type	Operator Function	Part Number	Rated Voltage
Illuminated Selector Switch (3 Position) + "BA7S - K" LED 	Ø25 Round	Knob Type	2N/O	Red	Maintained		K25-57R	24VDC 110VAC 220VAC
				Green			K25-57G	
				Yellow			K25-57Y	
				Blue			K25-57B	
				Red	Left Auto		K25-57R-S3L	24VDC 110VAC 220VAC
				Green			K25-57G-S3L	
				Yellow			K25-57Y-S3L	
				Blue			K25-57B-S3L	
				Red	Right Auto		K25-57R-S3R	24VDC 110VAC 220VAC
				Green			K25-57G-S3R	
				Yellow			K25-57Y-S3R	
				Blue			K25-57B-S3R	
				Red	Both Auto		K25-57R-S3LR	24VDC 110VAC 220VAC
				Green			K25-57G-S3LR	
				Yellow			K25-57Y-S3LR	
				Blue			K25-57B-S3LR	
	Ø25 Square	Knob Type	2N/O	Red	Maintained		K25-58R	24VDC 110VAC 220VAC
				Green			K25-58G	
				Yellow			K25-58Y	
				Blue			K25-58B	
				Red	Left Auto		K25-58R-S3L	24VDC 110VAC 220VAC
				Green			K25-58G-S3L	
				Yellow			K25-58Y-S3L	
				Blue			K25-58B-S3L	
				Red	Right Auto		K25-58R-S3R	24VDC 110VAC 220VAC
				Green			K25-58G-S3R	
				Yellow			K25-58Y-S3R	
				Blue			K25-58B-S3R	
				Red	Both Auto		K25-58R-S3LR	24VDC 110VAC 220VAC
				Green			K25-58G-S3LR	
				Yellow			K25-58Y-S3LR	
				Blue			K25-58B-S3LR	

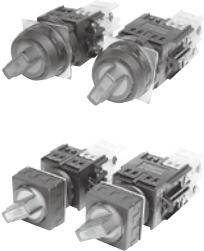
Control Switch

K22,25,30 Series

Product Selection

Operator Type	Shape	Head Type	Contact Form	Color	Selector Type	Operator Function	Part Number	Rated Voltage
	Ø30 Round	Knob Type	1N/O	Black	Maintained		K30-41K	-
				Red			K30-41R	
				Green			K30-41G	
				Yellow			K30-41Y	
				Blue			K30-41B	
				Black	Spring Return		K30-41K-S2R	-
				Red			K30-41R-S2R	
				Green			K30-41G-S2R	
				Yellow			K30-41Y-S2R	
				Blue			K30-41B-S2R	
		Lever Type	1N/O	Black	Maintained		K30-41K-L	-
				Red			K30-41R-L	
				Green			K30-41G-L	
				Yellow			K30-41Y-L	
				Blue			K30-41B-L	
				Black	Spring Return		K30-41K-L2R	-
				Red			K30-41R-L2R	
				Green			K30-41G-L2R	
				Yellow			K30-41Y-L2R	
				Blue			K30-41B-L2R	

Product Selection

Operator Type	Shape	Head Type	Contact Form	Color	Selector Type	Operator Function	Part Number	Rated Voltage
Illuminated Selector Switch (2 Position) + "BA7S - K" LED 	Ø30 Round	Knob Type	1N/O	Red	Maintained		K30-44R	24VDC 110VAC 220VAC
				Green			K30-44G	
				Yellow			K30-44Y	
				Blue			K30-44B	
				Red	Spring Return		K30-44R-S2R	24VDC 110VAC 220VAC
				Green			K30-44G-S2R	
				Yellow			K30-44Y-S2R	
				Blue			K30-44B-S2R	
Illuminated Selector Switch (2 Position) + "BA7S - K" LED 	Ø30 Round	Knob Type	1N/O	Red	Maintained		K30-47R	24VDC 110VAC 220VAC
				Green			K30-47G	
				Yellow			K30-47Y	
				Blue			K30-47B	
				Red	Spring Return		K30-47R-S2R	24VDC 110VAC 220VAC
				Green			K30-47G-S2R	
				Yellow			K30-47Y-S2R	
				Blue			K30-47B-S2R	

Control Switch

K22,25,30 Series

Product Selection

Operator Type	Shape	Head Type	Contact Form	Color	Selector Type	Operator Function	Part Number	Rated Voltage
Non-Illuminated Selector Switch (3 Position)	Ø30 Round	Knob Type	2N/O	Black	Maintained		K30-51K	-
				Red			K30-51R	
				Green			K30-51G	
				Yellow			K30-51Y	
				Blue			K30-51B	
				Black	Left Auto		K30-51K-S3L	-
				Red			K30-51R-S3L	
				Green			K30-51G-S3L	
				Yellow			K30-51Y-S3L	
				Blue			K30-51B-S3L	
				Black	Right Auto		K30-51K-S3R	-
				Red			K30-51R-S3R	
				Green			K30-51G-S3R	
				Yellow			K30-51Y-S3R	
				Blue			K30-51B-S3R	
				Black	Both Auto		K30-51K-S3LR	-
				Red			K30-51R-S3LR	
				Green			K30-51G-S3LR	
				Yellow			K30-51Y-S3LR	
				Blue			K30-51B-S3LR	
		Lever Type	2N/O	Black	Maintained		K30-51K-L	-
				Red			K30-51R-L	
				Green			K30-51G-L	
				Yellow			K30-51Y-L	
				Blue			K30-51B-L	
				Black	Left Auto		K30-51K-L3L	-
				Red			K30-51R-L3L	
				Green			K30-51G-L3L	
				Yellow			K30-51Y-L3L	
				Blue			K30-51B-L3L	
				Black	Right Auto		K30-51K-L3R	-
				Red			K30-51R-L3R	
				Green			K30-51G-L3R	
				Yellow			K30-51Y-L3R	
				Blue			K30-51B-L3R	
				Black	Both Auto		K30-51K-L3LR	-
				Red			K30-51R-L3LR	
				Green			K30-51G-L3LR	
				Yellow			K30-51Y-L3LR	
				Blue			K30-51B-L3LR	

Product Selection

Operator Type	Shape	Head Type	Contact Form	Color	Selector Type	Operator Function	Part Number	Rated Voltage
Illuminated Selector Switch (3 Position) + "BA7S" Filament 	Ø30 Round	Knob Type	2N/O	Red	Maintained		K30-54R	24VDC 110VAC 220VAC
				Green			K30-54G	
				Yellow			K30-54Y	
				Blue			K30-54B	
				Red	Left Auto		K30-54R-S3L	24VDC 110VAC 220VAC
				Green			K30-54G-S3L	
				Yellow			K30-54Y-S3L	
				Blue			K30-54B-S3L	
				Red	Right Auto		K30-54R-S3R	24VDC 110VAC 220VAC
				Green			K30-54G-S3R	
				Yellow			K30-54Y-S3R	
				Blue			K30-54B-S3R	
				Red	Both Auto		K30-54R-S3LR	24VDC 110VAC 220VAC
				Green			K30-54G-S3LR	
				Yellow			K30-54Y-S3LR	
				Blue			K30-54B-S3LR	
Illuminated Selector Switch (3 Position) + "BA7S - K" LED 	Ø30 Round	Knob Type	2N/O	Red	Maintained		K30-57R	24VDC 110VAC 220VAC
				Green			K30-57G	
				Yellow			K30-57Y	
				Blue			K30-57B	
				Red	Left Auto		K30-57R-S3L	24VDC 110VAC 220VAC
				Green			K30-57G-S3L	
				Yellow			K30-57Y-S3L	
				Blue			K30-57B-S3L	
				Red	Right Auto		K30-57R-S3R	24VDC 110VAC 220VAC
				Green			K30-57G-S3R	
				Yellow			K30-57Y-S3R	
				Blue			K30-57B-S3R	
				Red	Both Auto		K30-57R-S3LR	24VDC 110VAC 220VAC
				Green			K30-57G-S3LR	
				Yellow			K30-57Y-S3LR	
				Blue			K30-57B-S3LR	

Control Switch

K22,25,30 Series

Product Selection

Operator Type	Shape	Head Type	Contact Form	Color	Operator Function	Part Number	Rated Voltage
Non-Illuminated Key Switch (2 Position)	Ø22	Round	1N/O	Black		K22-61K	-
	Ø25					K25-61K	
	Ø30					K30-61K	
Non-Illuminated Key Switch (3 Position)	Ø22	Round	2N/O	Black		K22-71K	-
	Ø25					K25-71K	
	Ø30					K30-71K	
Non-Illuminated Ø40 Emergency Stop	Ø22	Round	1N/C	Red		K22-81R	-
	Ø25					K25-81R	
	Ø30					K30-81R	
Illuminated Ø40 Emergency Stop + "BA9S" Filament	Ø22	Round	1N/C	Red		K22-84R	24VDC 110VAC 220VAC
	Ø25					K25-84R	
	Ø30					K30-84R	
Illuminated Ø40 Emergency Stop + "BA9S+K" LED	Ø22	Round	1N/C	Red		K22-87R	24VDC 110VAC 220VAC
	Ø25					K25-87R	
	Ø30					K30-87R	
Non-Illuminated Ø45 Flower Head Emergency Stop	Ø22	Round	1N/C	Red		K22-81F	-
	Ø25					K25-81F	
	Ø30					K30-81F	

Product Selection

Operator Type	Shape	Head Type	Contact Form	Color	Part Number	Rated Voltage
Non-Illuminated Ø29 Emergency Stop 	Ø22	Round	1N/C	Red	K22-81R-N29	-
				Green	K22-81G-N29	
	Ø25	Round	1N/C	Red	K25-81R-N29	-
				Green	K25-81G-N29	
	Ø30	Round	1N/C	Red	K30-81R-N29	-
				Green	K30-81G-N29	
Illuminated Ø29 Emergency Stop + "BA9S" Filament 	Ø22	Round	1N/C	Red	K22-84R-N29	24VDC 110VAC 220VAC
				Green	K22-84G-N29	
	Ø25	Round	1N/C	Red	K25-84R-N29	24VDC 110VAC 220VAC
				Green	K25-84G-N29	
	Ø30	Round	1N/C	Red	K30-84R-N29	24VDC 110VAC 220VAC
				Green	K30-84G-N29	
Illuminated Ø29 Emergency Stop + "BA9S + K" LED 	Ø22	Round	1N/C	Red	K22-87R-N29	24VDC 110VAC 220VAC
				Green	K22-87G-N29	
	Ø25	Round	1N/C	Red	K25-87R-N29	24VDC 110VAC 220VAC
				Green	K25-87G-N29	
	Ø30	Round	1N/C	Red	K30-87R-N29	24VDC 110VAC 220VAC
				Green	K30-87G-N29	

Control Switch

K22,25,30 Series

Product Selection

Operator Type	Shape	Head Type	Contact Form	Color	Part Number	Rated Voltage
Non-Illuminated Ø29 Mushroom Push Button Switch 	Ø22	Round	1N/C	Red	K22-21R-N29	-
				Green	K22-21G-N29	
				Yellow	K22-21Y-N29	
	Ø25	Round	1N/C	Red	K25-21R-N29	-
				Green	K25-21G-N29	
				Yellow	K25-21Y-N29	
	Ø30	Round	1N/C	Red	K30-21R-N29	-
				Green	K30-21G-N29	
				Yellow	K30-21Y-N29	
Illuminated Ø29 Mushroom Push Button Switch + "BA9S" Filament 	Ø22	Round	1N/C	Red	K22-24R-N29	24VDC 110VAC 220VAC
				Green	K22-24G-N29	
				Yellow	K22-24Y-N29	
	Ø25	Round	1N/C	Red	K25-24R-N29	24VDC 110VAC 220VAC
				Green	K25-24G-N29	
				Yellow	K25-24Y-N29	
	Ø30	Round	1N/C	Red	K30-24R-N29	24VDC 110VAC 220VAC
				Green	K30-24G-N29	
				Yellow	K30-24Y-N29	
Illuminated Ø29 Mushroom Push Button Switch + "BA9S + K" LED 	Ø22	Round	1N/C	Red	K22-27R-N29	24VDC 110VAC 220VAC
				Green	K22-27G-N29	
				Yellow	K22-27Y-N29	
	Ø25	Round	1N/C	Red	K25-27R-N29	24VDC 110VAC 220VAC
				Green	K25-27G-N29	
				Yellow	K25-27Y-N29	
	Ø30	Round	1N/C	Red	K30-27R-N29	24VDC 110VAC 220VAC
				Green	K30-27G-N29	
				Yellow	K30-27Y-N29	

Product Selection

Operator Type	Shape	Head Type	Contact Form	Color	Part Number	Rated Voltage
Non-Illuminated Ø40 Mushroom Push Button Switch	Ø22	Round	1N/C	Red	K22-21R-N40	-
				Green	K22-21G-N40	
				Yellow	K22-21Y-N40	
	Ø25	Round	1N/C	Red	K25-21R-N40	-
				Green	K25-21G-N40	
				Yellow	K25-21Y-N40	
	Ø30	Round	1N/C	Red	K30-21R-N40	-
				Green	K30-21G-N40	
				Yellow	K30-21Y-N40	
Illuminated Ø40 Mushroom Push Button Switch + "BA9S" Filament	Ø22	Round	1N/C	Red	K22-24R-N40	24VDC 110VAC 220VAC
				Green	K22-24G-N40	
				Yellow	K22-24Y-N40	
	Ø25	Round	1N/C	Red	K25-24R-N40	24VDC 110VAC 220VAC
				Green	K25-24G-N40	
				Yellow	K25-24Y-N40	
	Ø30	Round	1N/C	Red	K30-24R-N40	24VDC 110VAC 220VAC
				Green	K30-24G-N40	
				Yellow	K30-24Y-N40	
Illuminated Ø40 Mushroom Push Button Switch + "BA9S + K" LED	Ø22	Round	1N/C	Red	K22-27R-N40	24VDC 110VAC 220VAC
				Green	K22-27G-N40	
				Yellow	K22-27Y-N40	
	Ø25	Round	1N/C	Red	K25-27R-N40	24VDC 110VAC 220VAC
				Green	K25-27G-N40	
				Yellow	K25-27Y-N40	
	Ø30	Round	1N/C	Red	K30-27R-N40	24VDC 110VAC 220VAC
				Green	K30-27G-N40	
				Yellow	K30-27Y-N40	

Control Switch

K22,25,30 Series

Product Selection

Operator Type	Shape	Head Type	Contact Form	Color	Part Number	Rated Voltage
Non-Illuminated Ø65 Mushroom Push Button Switch	Ø22	Round	1N/C	Red	K22-21R-N65	-
				Green	K22-21G-N65	
	Ø25	Round	1N/C	Red	K25-21R-N65	-
				Green	K25-21G-N65	
	Ø30	Round	1N/C	Red	K30-21R-N65	-
				Green	K30-21G-N65	
Illuminated Ø65 Mushroom Push Button Switch + "BA9S" Filament	Ø22	Round	1N/C	Red	K22-24R-N65	24VDC 110VAC 220VAC
				Green	K22-24G-N65	
	Ø25	Round	1N/C	Red	K25-24R-N65	24VDC 110VAC 220VAC
				Green	K25-24G-N65	
	Ø30	Round	1N/C	Red	K30-24R-N65	24VDC 110VAC 220VAC
				Green	K30-24G-N65	
Illuminated Ø65 Mushroom Push Button Switch + "BA9S + K" LED	Ø22	Round	1N/C	Red	K22-27R-N65	24VDC 110VAC 220VAC
				Green	K22-27G-N65	
	Ø25	Round	1N/C	Red	K25-27R-N65	24VDC 110VAC 220VAC
				Green	K25-27G-N65	
	Ø30	Round	1N/C	Red	K30-27R-N65	24VDC 110VAC 220VAC
				Green	K30-27G-N65	

Product Selection

Operator Type	Shape	Head Type	Contact Form	Color	Part Number	Rated Voltage
Non-Illuminated Ø29 Meta Full Guard	Ø22	Round	1N/C	Red	K22-21R-C29	-
				Green	K22-21G-C29	
				Yellow	K22-21Y-C29	
	Ø25	Round	1N/C	Red	K25-21R-C29	-
				Green	K25-21G-C29	
				Yellow	K25-21Y-C29	
Illuminated Ø29 Meta Full Guard + "BA9S" Filament	Ø22	Round	1N/C	Red	K22-24R-C29	24VDC 110VAC 220VAC
				Green	K22-24G-C29	
				Yellow	K22-24Y-C29	
	Ø25	Round	1N/C	Red	K25-24R-C29	24VDC 110VAC 220VAC
				Green	K25-24G-C29	
				Yellow	K25-24Y-C29	
Illuminated Ø29 Meta Full Guard + "BA9S + K" LED	Ø22	Round	1N/C	Red	K22-27R-C29	24VDC 110VAC 220VAC
				Green	K22-27G-C29	
				Yellow	K22-27Y-C29	
	Ø25	Round	1N/C	Red	K25-27R-C29	24VDC 110VAC 220VAC
				Green	K25-27G-C29	
				Yellow	K25-27Y-C29	

Control Switch

K22,25,30 Series

Product Selection

Operator Type	Shape	Head Type	Contact Form	Color	Part Number	Rated Voltage
Non-Illuminated Ø40 Meta Full Guard	Ø22	Round	1N/C	Red	K22-21R-C40	-
				Green	K22-21G-C40	
				Yellow	K22-21Y-C40	
	Ø25	Round	1N/C	Red	K25-21R-C40	-
				Green	K25-21G-C40	
				Yellow	K25-21Y-C40	
	Ø30	Round	1N/C	Red	K30-21R-C40	-
				Green	K30-21G-C40	
				Yellow	K30-21Y-C40	
Illuminated Ø40 Meta Full Guard + "BA9S" Filament	Ø22	Round	1N/C	Red	K22-24R-C40	24VDC 110VAC 220VAC
				Green	K22-24G-C40	
				Yellow	K22-24Y-C40	
	Ø25	Round	1N/C	Red	K25-24R-C40	24VDC 110VAC 220VAC
				Green	K25-24G-C40	
				Yellow	K25-24Y-C40	
	Ø30	Round	1N/C	Red	K30-24R-C40	24VDC 110VAC 220VAC
				Green	K30-24G-C40	
				Yellow	K30-24Y-C40	
Illuminated Ø40 Meta Full Guard + "BA9S + K" LED	Ø22	Round	1N/C	Red	K22-27R-C40	24VDC 110VAC 220VAC
				Green	K22-27G-C40	
				Yellow	K22-27Y-C40	
	Ø25	Round	1N/C	Red	K25-27R-C40	24VDC 110VAC 220VAC
				Green	K25-27G-C40	
				Yellow	K25-27Y-C40	
	Ø30	Round	1N/C	Red	K30-27R-C40	24VDC 110VAC 220VAC
				Green	K30-27G-C40	
				Yellow	K30-27Y-C40	

Product Selection

Operator Type	Shape	Head Type	Contact Form	Color	Part Number	Rated Voltage
Non-Illuminated Ø40 P-Full Guard 	Ø22	Round	1N/C	Red	K22-21R-B40	-
				Green	K22-21G-B40	
				Yellow	K22-21Y-B40	
	Ø25	Round	1N/C	Red	K25-21R-B40	-
				Green	K25-21G-B40	
				Yellow	K25-21Y-B40	
	Ø30	Round	1N/C	Red	K30-21R-B40	-
				Green	K30-21G-B40	
				Yellow	K30-21Y-B40	
Illuminated Ø40 P-Full Guard + "BA9S" Filament 	Ø22	Round	1N/C	Red	K22-24R-B40	24VDC 110VAC 220VAC
				Green	K22-24G-B40	
				Yellow	K22-24Y-B40	
	Ø25	Round	1N/C	Red	K25-24R-B40	24VDC 110VAC 220VAC
				Green	K25-24G-B40	
				Yellow	K25-24Y-B40	
	Ø30	Round	1N/C	Red	K30-24R-B40	24VDC 110VAC 220VAC
				Green	K30-24G-B40	
				Yellow	K30-24Y-B40	
Illuminated Ø40 P-Full Guard + "BA9S + K" LED 	Ø22	Round	1N/C	Red	K22-27R-B40	24VDC 110VAC 220VAC
				Green	K22-27G-B40	
				Yellow	K22-27Y-B40	
	Ø25	Round	1N/C	Red	K25-27R-B40	24VDC 110VAC 220VAC
				Green	K25-27G-B40	
				Yellow	K25-27Y-B40	
	Ø30	Round	1N/C	Red	K30-27R-B40	24VDC 110VAC 220VAC
				Green	K30-27G-B40	
				Yellow	K30-27Y-B40	

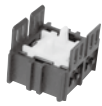
Control Switch

K22,25,30 Series

Product Selection

Operator Type	Shape	Head Type	Contact Form	Color	Part Number	Rated Voltage
Non-Illuminated Ø65 P-Full Guard 	Ø22	Round	1N/C	Red	K22-21R-B65	-
				Green	K22-21G-B65	
	Ø25	Round	1N/C	Red	K25-21R-B65	-
				Green	K25-21G-B65	
	Ø30	Round	1N/C	Red	K30-21R-B65	-
				Green	K30-21G-B65	
Illuminated Ø65 P-Full Guard + "BA9S" Filament 	Ø22	Round	1N/C	Red	K22-24R-B65	24VDC 110VAC 220VAC
				Green	K22-24G-B65	
	Ø25	Round	1N/C	Red	K25-24R-B65	24VDC 110VAC 220VAC
				Green	K25-24G-B65	
	Ø30	Round	1N/C	Red	K30-24R-B65	24VDC 110VAC 220VAC
				Green	K30-24G-B65	
Illuminated Ø65 P-Full Guard + "BA9S + K" LED 	Ø22	Round	1N/C	Red	K22-27R-B65	24VDC 110VAC 220VAC
				Green	K22-27G-B65	
	Ø25	Round	1N/C	Red	K25-27R-B65	24VDC 110VAC 220VAC
				Green	K25-27G-B65	
	Ø30	Round	1N/C	Red	K30-27R-B65	24VDC 110VAC 220VAC
				Green	K30-27G-B65	
Illuminated Buzzer 	Ø22	Rectangle	-	-	K22-BZ	90VAC - 240VAC 12VDC - 24VDC
	Ø25	Rectangle	-	-	K25-BZ	90VAC - 240VAC 12VDC - 24VDC

Accessory

	Operator Type	Shape	Color	Rated Voltage	Part number
	1a Contact		-	-	CBA
	1b Contact	 AC15 DC13	-	-	CBB
	※ Positive opening type				
	Maintain Holder	-	-	-	KAL
	Round Waterproof Cover	-	-	-	RCR
	Square Waterproof Cover	-	-	-	RCS
	Filament	-	-	6.3VDC	BA7S
				24VDC	BA9S
	LED	-	Ⓐ	6.3VDC	BA7S-KⒶ
				24VDC	BA9S-KⒶ
	Protection Cover	Ø22	-	-	SC2
		Ø25	-	-	SC5
	Protection Cover	Ø22	Yellow	-	KEG12 □
		Ø25	Red	-	KEG15 □
		Ø30	Orange	-	KEG15 □
	Protection Cover	Ø25	Green	-	KEG13 □
			Amber	-	KEG13 □
			White	-	KEG13 □
		Ø30	Yellow	-	KEG35□
			Red	-	KEG35□
			Green	-	KEG35□
			White	-	KEG35□
			Blue	-	KEG33□
			Black	-	KEG33□
			Clear	-	KEG33□

Ⓐ - 색상 : 적(Red) / 녹(Green) / 황(Yellow) / 청(Blue) / 흑*(Black) / 백(White)

Control Switch

K22,25,30 Series

Accessory

	Operator Type	Shape	Color	Rated Voltage	Part number
	Protection Cover	Ø22	-	-	KSC12
		Ø25			KSC15
		Ø30			KSC13
	Name Plate	Ø22	-	-	HP110A
		Ø25			HP110B
	Terminal cover with hole		Clear		KP-10
	Terminal cover without hole		Clear		KP-11
	출타입 트랜스 안전커버		Clear		KP-20
	밀폐타입 트랜스 안전커버		Clear		KP-21
	Name Plate	Ø25	Y		HP111
		Ø30			HP112
		Ø22	Y		HP117A
		Ø25			HP117B
		Ø30			HP117C
		Ø22	Y		HP118A
		Ø25			HP118B
		Ø30			HP118C
		Ø22-Ø30	R, G, Y, A		HP119E
					HP119K
					HP119C
		Ø22-Ø30	Y, W		HP119-1(STOP)
		Ø22-Ø30	Y		HP119-1(OFF)

Accessory

Operator Type		Shape	Color		Rated Voltage	Part number
		Flush mounting Safety Guard	Ø22		Yellow	KEG72
			Ø25			KEG75
			Ø30			KEG73
		Flush mounting Safety Guard	Ø22		White	KEG72W
			Ø25			KEG75W
			Ø30			KEG73W
		Safety Guard	Ø22		Yellow	KEG82
			Ø25			KEG85
			Ø30			KEG83
		AL Safety Guard	Ø22		Yellow	KEG92
			Ø25			KEG95
			Ø30			KEG93

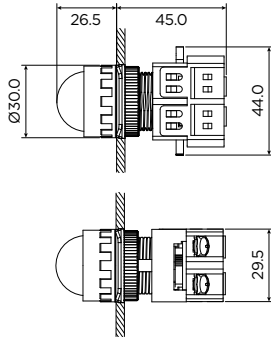
HP119 name panel is also suitable with KEG8 series
- Example of usage



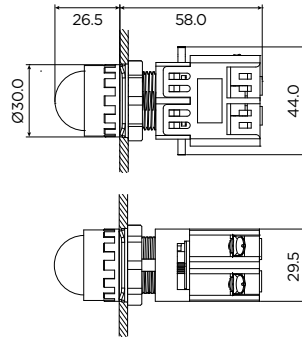
Dimension (K22, K25, K30 - Body)

Unit : mm

DC Pilot Light

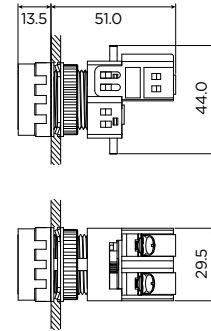


AC Pilot Light



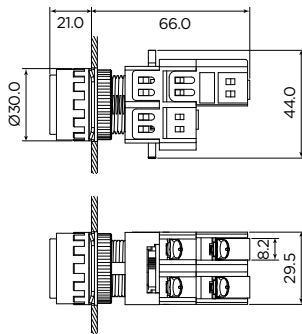
Non-Illuminated Switch

(Momentary Push Button, Selector, Emergency Stop, Mushroom Push button, Key)



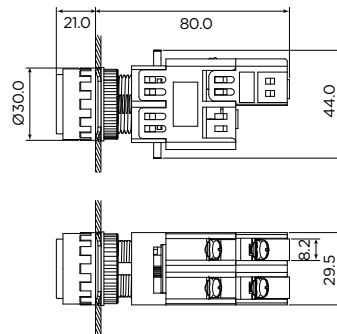
DC Illuminated Switch

(Push, Selector, Emergency Stop, Mushroom Push button, Full Guard)

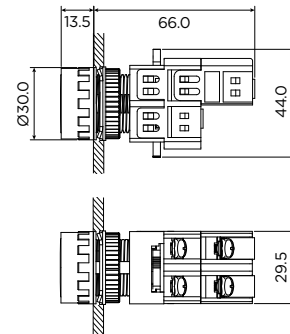


AC Illuminated Switch

(Push, Selector, Emergency Stop, Mushroom Push button, Full Guard)



Non-Illuminated Push Button Switch



Control Switch

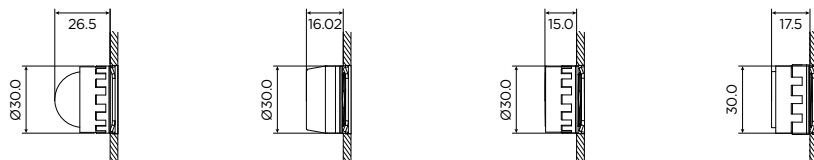
K22,25,30 Series

Dimension (K22, K25 - Head)

Unit : mm

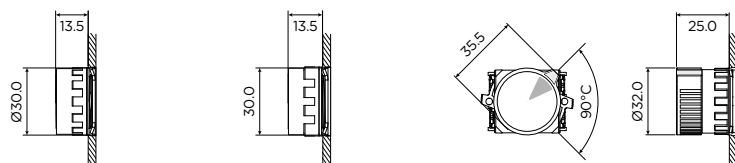
Pilot Light(AC/DC)

Round RX RF Square



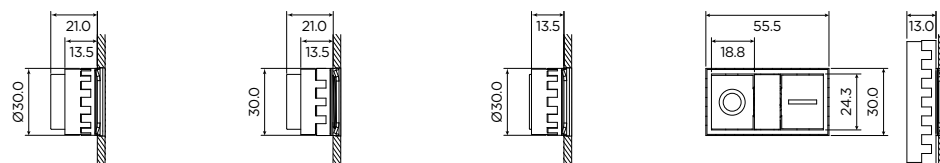
Non-Illuminated Push Button(Momentary/Maintained)

Round Square Push Selector



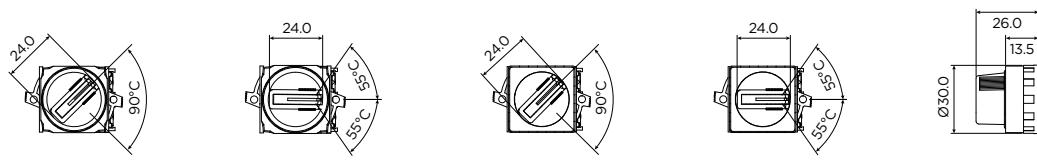
Illuminated Push Button (AC/DC)

Round Square RF I/O



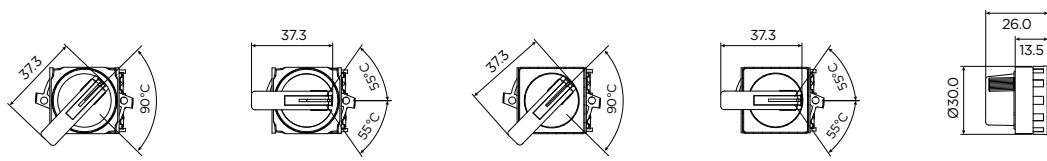
Non-Illuminated Knob Type Selector

2 Position Round 3 Position Round 2 Position Square 3 Position Square



Non-Illuminated Lever Type Selector

2 Position Round 3 Position Round 2 Position Square 3 Position Square



Rev. 2/14

Data subject may change without notice.

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Industrial Controls Catalog

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KACON

Control Switch

K22,25,30 Series

Dimension (K22, K25 - Head)

Unit : mm

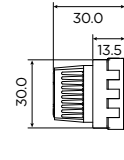
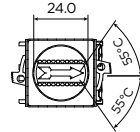
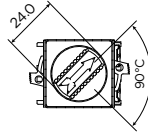
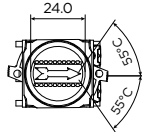
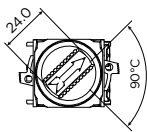
Illuminated Knob Type Selector (AC/DC)

2 Position Round

3 Position Round

2 Position Square

3 Position Square

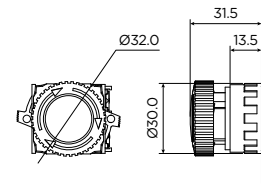
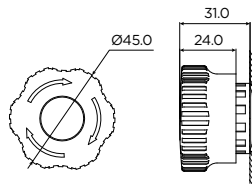
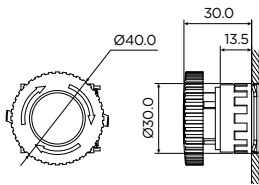


Emergency Stop

Ø40

Ø45

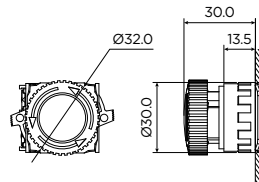
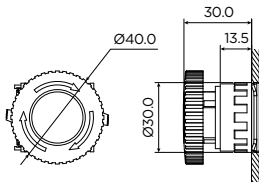
Ø29



Illuminated Emergency Stop (AC/DC)

Ø40

Ø29

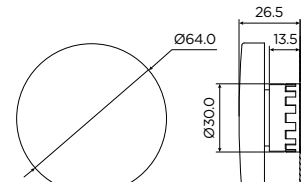
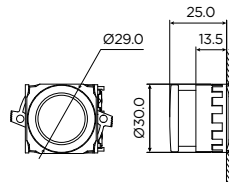
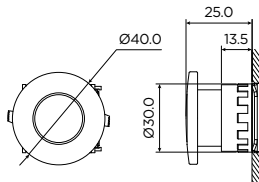


Mushroom Push Button

Ø40

Ø29

Ø65

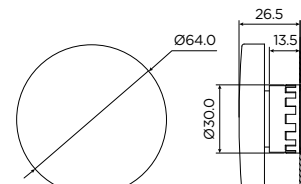
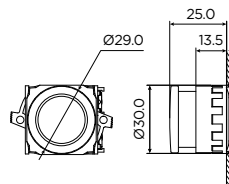
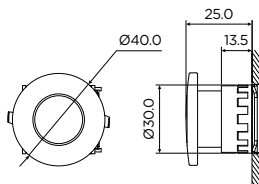


Illuminated Mushroom Push Button (AC/DC)

Ø40

Ø29

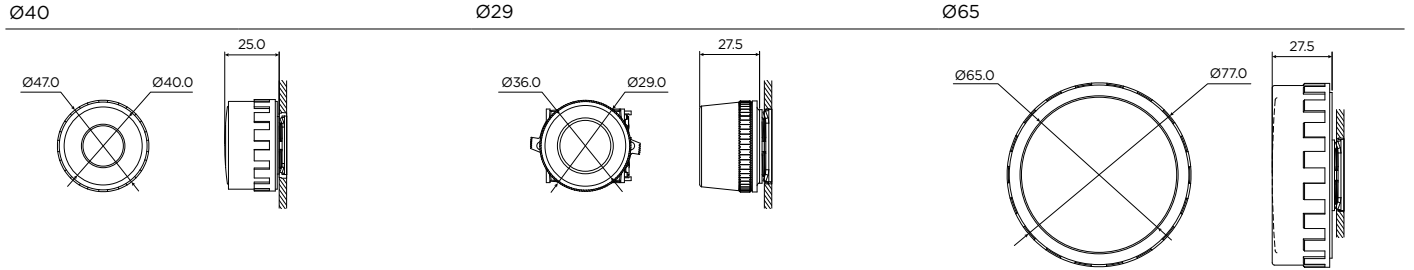
Ø65



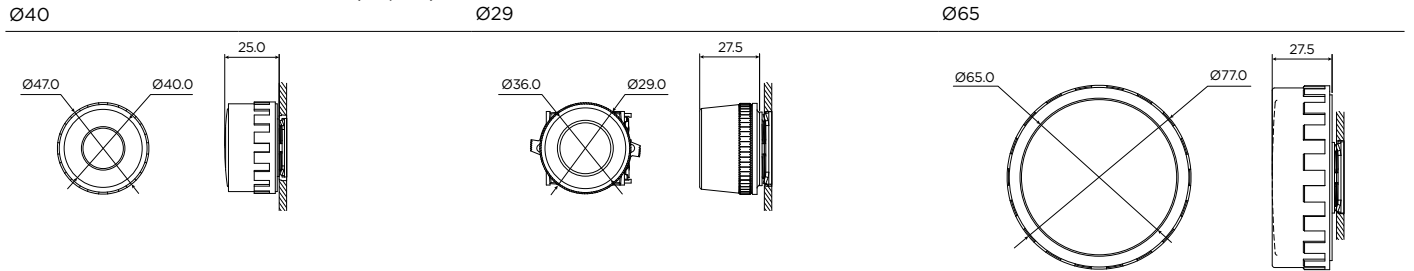
Dimension (K22, K25 - Head)

Unit : mm

Full Guard Push Button

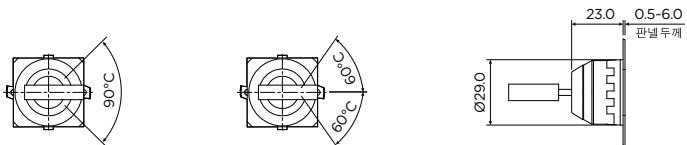


Illuminated Full Guard Push Button (AC/DC)



Key

2 Position 3 Position



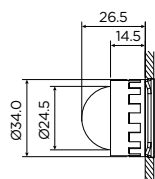
Control Switch

K22,25,30 Series

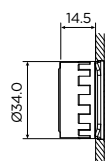
Dimension (K30 - Head)

Unit : mm

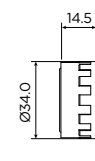
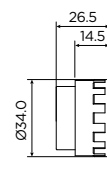
Pilot Light (AC/DC)
Round



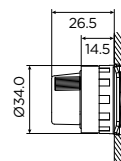
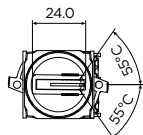
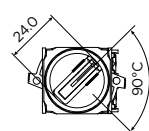
Non-Illuminated Push Button (Momentary/Maintained)
Round



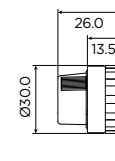
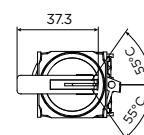
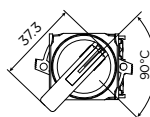
Illuminated Push Button (AC/DC)
Round RF



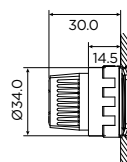
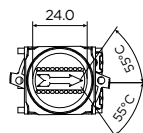
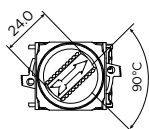
Non-Illuminated Knob Type Selector
2 Position Round 3 Position Round



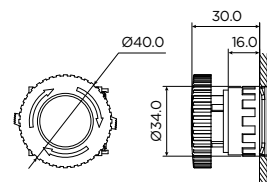
Non-Illuminated Lever Type Selector
2 Position Round 3 Position Round



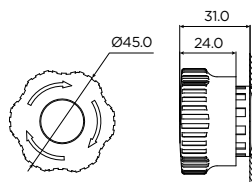
Illuminated Knob Type Selector (AC/DC)
2 Position Round 3 Position Round



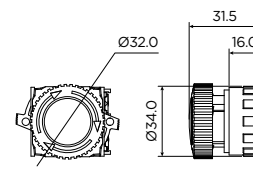
Emergency Stop
Ø40



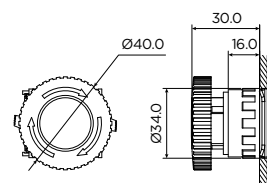
Ø45



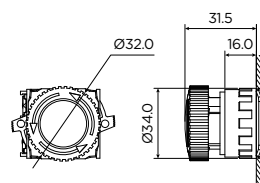
Ø29



Illuminated Emergency Stop (AC/DC)
Ø40



Ø29



Dimension (K30 - Head)

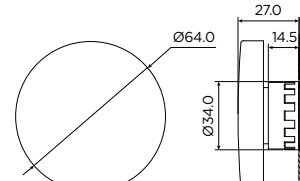
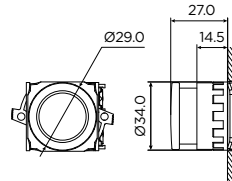
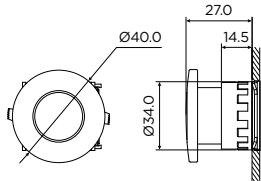
Unit : mm

Mushroom Push Button

Ø40

Ø29

Ø65

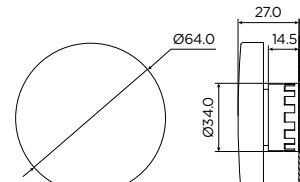
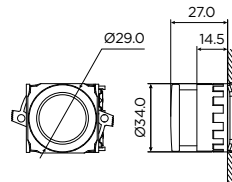
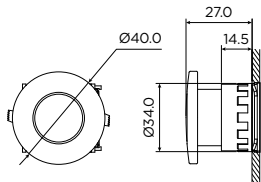


Illuminated Mushroom Push Button (AC/DC)

Ø40

Ø29

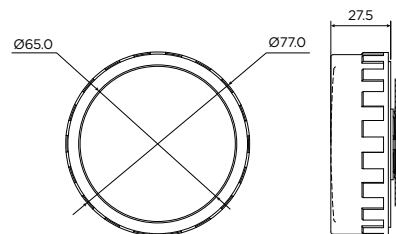
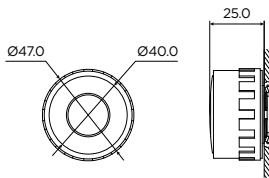
Ø65



Full Guard Push Button

Ø40

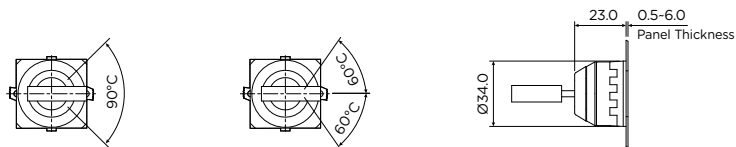
Ø65



Key

2 Position

3 Position



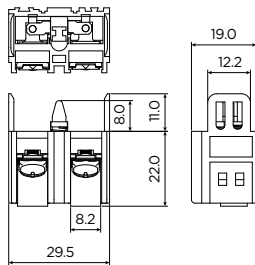
Control Switch

K22,25,30 Series

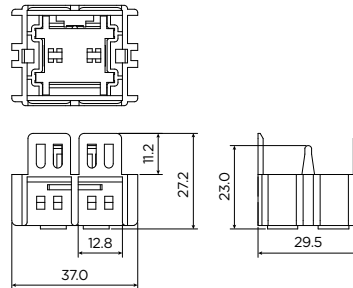
Accessory

Unit : mm

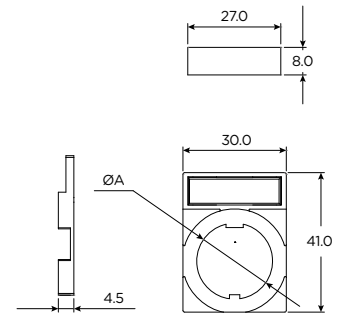
Contact



Maintain Holder

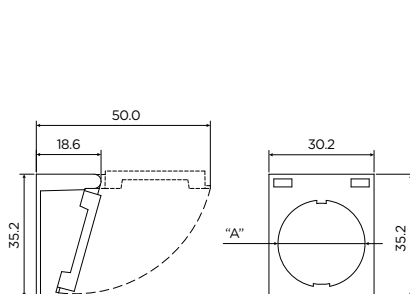


Name Plate

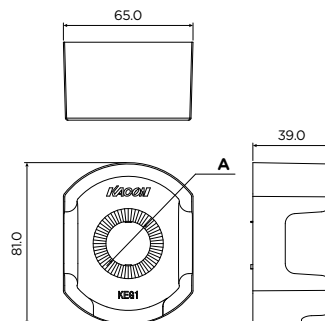


A	HP110A Ø22
	HP110A Ø25

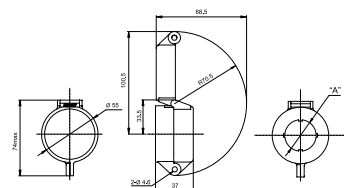
Protection Cover



Model	"A"
SC2	Ø22
SC5	Ø25



model	KEG12 K22	KEG15 K25	KEG13 K30
A	Ø22	Ø25	Ø30
B	19.0	22.0	26.0
C	Ø31.0	Ø35.0	Ø42.0
D	Ø22.0	Ø25.0	Ø30.0
E	27.0	31.0	37.0
F	15.0	17.0	20.5

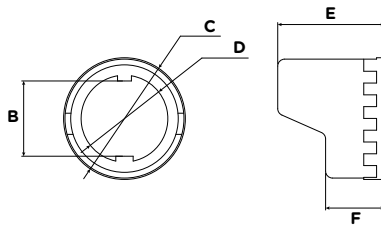


Model	"A"
KEG32	Ø22
KEG35	Ø25
KEG33	Ø30

Accessory

Unit : mm

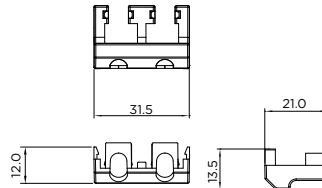
Protection Cover



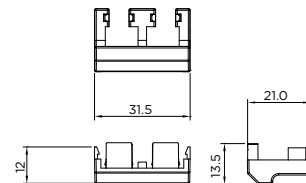
model	KSC12	KSC15	KSC13
	Ø22	Ø25	Ø30

Terminal cover

KP-10

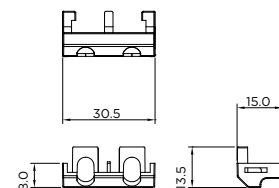


KP-11

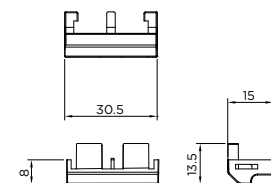


Power terminal cover

KP-20

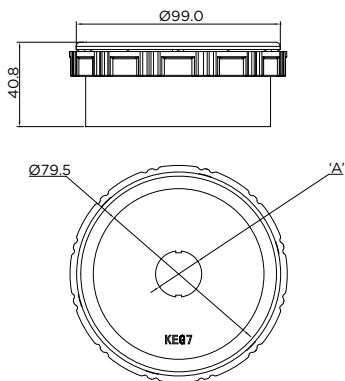


KP-21



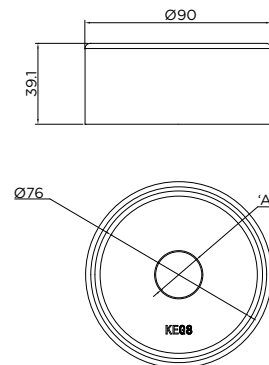
Safety Guard

KEG 7 Series



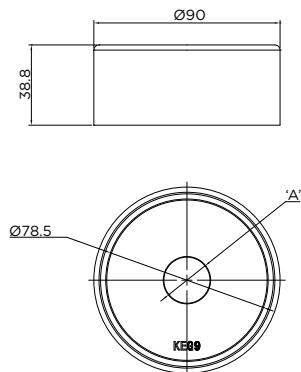
Model	'A'
KEG72	Ø22
KEG75	Ø25
KEG73	Ø30

KEG 8 Series



Model	'A'
KEG82	Ø22
KEG85	Ø25
KEG83	Ø30

KEG 9 Series



Model	'A'
KEG92	Ø22
KEG95	Ø25
KEG93	Ø30

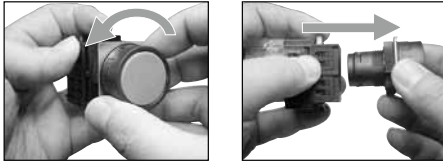
Control Switch

K22,25,30 Series

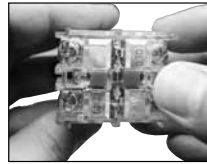
Pre-Caution

- K series is a separable unit that consists of operating, trans and contact units.
The operating unit, which is separated from the transformer unit, is mounted on the panel, and then the trans unit is mounted and wiring is easily conducted.

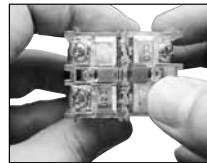
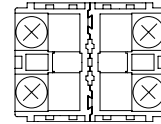
- Separate the operating unit from the trans unit after push the separation lever, mount the operating unit on the panel first, and then attach the trans and contact units.



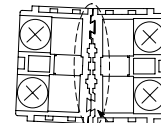
- Be sure to push the separation lever before separating the operating unit from the trans unit.
Excessive force may damage the product.
- When adding additional contacts, check if the connection is firm.
Poor connection may lead to operation errors and contact separation.



(O)



(X)

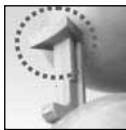


- All K series operating units have anti-rotation fixtures.
Attach the fixing ring and anti-rotation fixture close to each other to prevent the rotation of the operating unit and the loosening of the fixing ring.

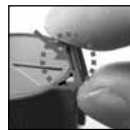


K22/25-21S (Push-selector switch) Direction indicator pin replacement

● Inserting the direction indicator pin



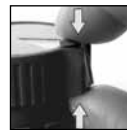
- ① Hold the pin with its flat surface upward.



- ② The lateral projection of the pin engages with the projection in the knob.



- ③ Push the pin in the arrow direction with a 20° inclination.



- ④ Press the pin with a finger until the click sound is heard.



- ⑤ The direction indicator pin is fully inserted.

● Removing the direction indicator pin



- ① Insert a driver or awl vertically at the arrowed point.



- ② Erect the tool in the arrowed direction to separate the pin.



- ③ The direction indicator pin is replaced with another one in different color.

● Diverse colors for the direction indicator pins



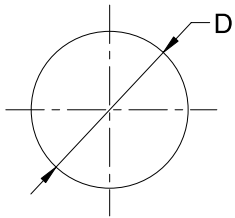
Direction indicator pins come in four colors to ensure high-quality design.
Yellow, blue, orange, and white

Finger Touch cover mounted as standard



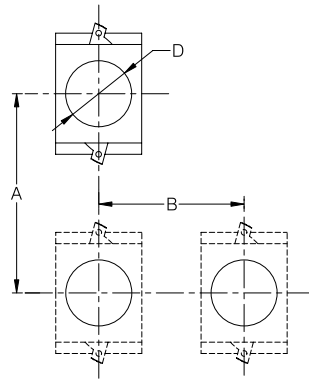
Panel Cut-Out / Mounting Dimension

Panel Cut-Out



※ Panel Thickness 0.5-6mm

Panel Mounting Dimension



Space Dimension

		Ø22	Ø25	Ø30
D Panel Hole		Ø22.5(+0.4)	Ø25.5(+0.4)	Ø30.5(+0.4)
A Space		min 60		
B Space	Round	min 40		
	Square	min 40		
	Ø29 Mushroom	min 40		
	Ø40 Mushroom (Reset)	min 45		
	Ø29 Full Guard	min 40		
	Ø40 Full Guard	min 60		
	Selector	min 40		
	Long Lever Selector	min 50		