

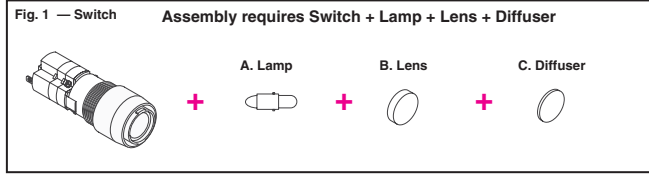


Industrial Control Switches

LUMOTAST 75



Specifications: **Mechanical:** • Mounting: Ring nut • Terminals: Tin-plated solder • Contact material: Silver
Electrical: • Maximum DC Voltage: 220V • Maximum rated AC voltage: 4A • Maximum contact resistance: 200mΩ • Operating temperature range: -25°C - 70°C



Switches

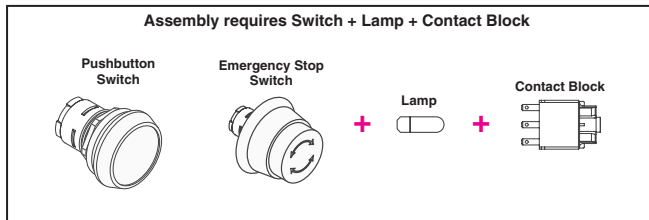
Fig.	Description	Digi-Key Part No.	Price Each			C&K Part No.
Switches						
Round						
1	Momentary, 1NC + 1NO	CKN9387-ND	17.71	15.30	12.88	1.15108.4510000
	Latching, 1NC + 1NO	CKN9388-ND	21.03	18.17	15.30	1.15108.5510000
	Momentary, 2NC + 2NO	CKN9389-ND	25.91	22.38	18.85	1.15108.4520000
	Latching, 2NC + 2NO	CKN9390-ND	29.40	25.39	21.38	1.15108.5520000
Square						
1	Momentary, 1NC + 1NO	CKN9391-ND	17.71	15.30	12.88	1.15108.2510000
	Latching, 1NC + 1NO	CKN9392-ND	20.66	17.85	15.03	1.15108.3510000
	Momentary, 2NC + 2NO	CKN9236-ND	35.33	28.27	22.38	1.15108.2520000
	Latching, 2NC + 2NO	CKN9393-ND	29.40	25.39	21.38	1.15108.3520000
Rectangular						
1	Momentary, 1NC + 1NO	CKN9394-ND	17.71	15.30	12.88	1.15108.0510000
	Latching, 1NC + 1NO	CKN9395-ND	21.03	18.17	15.30	1.15108.1510000
	Momentary, 2NC + 2NO	CKN9237-ND	35.33	28.27	22.38	1.15108.0520000
	Latching, 2NC + 2NO	CKN9396-ND	29.40	25.39	21.38	1.15108.1520000
Accessories						
Lamps						
1A	Filament Lamp, 12V	CKN9231-ND	5.82	4.66	3.69	1.90100.0220000
	Filament Lamp, 24V	CKN9232-ND	6.48	5.19	4.11	1.90100.0230000

Fig.	Description	Digi-Key Part No.	Price Each			C&K Part No.
Lenses						
—	LED, Superbright Red, 24V	CKN9386-ND	13.08	11.30	9.52	1.90690.3310000
	LED, Superbright Green, 24V	CKN9233-ND	25.55	20.44	16.19	1.90690.3320000
	LED, Red, 3V	CKN9234-ND	6.37	5.10	4.04	1.90692.0010000
	LED, Green, 3V	CKN9235-ND	6.37	5.10	4.04	1.90692.0020000
1B						
—	Round, Colorless, for Filament or LED	CKN9376-ND	.56	.45	.36	5.49257.0111002
	Round, Red, for LED	CKN9214-ND	.56	.45	.36	5.49257.0111301
	Round, Red, for Filament Lamp	CKN9377-ND	.56	.45	.36	5.49257.0111303
	Round, Yellow, for Filament or LED	CKN9215-ND	.56	.45	.36	5.49257.0111402
	Round, Green, for Filament Lamp	CKN9216-ND	.56	.45	.36	5.49257.0111502
	Round, Green, for LED	CKN9217-ND	.56	.45	.36	5.49257.0111503
	Round, Blue, for Filament Lamp	CKN9218-ND	.56	.45	.36	5.49257.0111601
	Square, Colorless, for Filament or LED	CKN9378-ND	.56	.45	.36	5.49275.0361002
	Square, Red, for LED	CKN9219-ND	.56	.45	.36	5.49275.0361301
	Square, Red, for Filament Lamp	CKN9379-ND	.56	.45	.36	5.49275.0361303
	Square, Yellow, for Filament or LED	CKN9220-ND	.56	.45	.36	5.49275.0361402
	Square, Green, for Filament Lamp	CKN9380-ND	.56	.45	.36	5.49275.0361502
	Square, Green, for LED	CKN9221-ND	.56	.45	.36	5.49275.0361503
	Square, Blue, for Filament Lamp	CKN9222-ND	.56	.45	.36	5.49275.0361601
	Rectangular, Colorless, for Filament or LED	CKN9381-ND	.56	.45	.36	5.49275.0321002
	Rectangular, Red, for LED	CKN9223-ND	.56	.45	.36	5.49275.0321301
Rectangular, Red, for Filament Lamp	CKN9382-ND	.56	.45	.36	5.49275.0321303	
Rectangular, Yellow, for Filament or LED	CKN9224-ND	.56	.45	.36	5.49275.0321402	
Rectangular, Green, for Filament Lamp	CKN9383-ND	.56	.45	.36	5.49275.0321502	
Rectangular, Green, for LED	CKN9225-ND	.56	.45	.36	5.49275.0321503	
Rectangular, Blue, for Filament Lamp	CKN9226-ND	.56	.45	.36	5.49275.0321601	
1C						
Diffusers						
—	Round, for Filament Lamp	CKN9384-ND	.52	.42	.33	5.72050.0000202
	Round, for LED	CKN9227-ND	.52	.42	.33	5.72050.0000214
	Square, for Filament Lamp	CKN9385-ND	.53	.43	.34	5.73013.0000202
	Square, for LED	CKN9228-ND	.53	.43	.34	5.73013.0000214
—	Rectangular, for Filament Lamp	CKN9229-ND	.53	.43	.34	5.73012.0000202
	Rectangular, for LED	CKN9230-ND	.53	.43	.34	5.73012.0000214
Tools						
—	Lamp Extractor for 3V LED	CKN9239-ND	9.11	7.30	5.78	1.90900.0010000
	Lamp Extractor for Filament Lamp	CKN9238-ND	8.11	6.49	5.14	1.90900.0020000
	Lamp Extractor for 24V LED	CKN9240-ND	8.11	6.49	5.14	1.90900.0040000
	Fixing Spanner	CKN9241-ND	2.34	1.88	1.49	5.58002.0190105

RAFIX 16

RAFIX 16 is a complete control component series for a mounting hole diameter of 16.2mm. It enables you to design attractive control panels with a minimum of space requirements and at the same time sufficiently large actuating areas.

Specifications: • Degree of protection: IP 65 on panel • Grid spacing: 25mm x 25mm • Height from front panel: 7mm (Low profile design) • Operating temperature: Non-Illuminated: -25°C - 70°C; Illuminated: -25°C - 55°C • Storage temperature: -40°C - 85°C



Description	Digi-Key Part No.	Price Each			C&K Part No.
Switches					
Round Pushbutton Switches					
Transparent, Red Illuminated	CKN9398-ND	13.64	10.92	8.64	1.30070.0211306
Transparent, Yellow Illuminated	CKN9256-ND	13.64	10.92	8.64	1.30070.0211403
Transparent, Green Illuminated	CKN9257-ND	13.64	10.92	8.64	1.30070.0211505
Opaque black	CKN9258-ND	13.98	11.19	8.86	1.30070.2710100
Opaque Red	CKN9259-ND	13.98	11.19	8.86	1.30070.2710300
Square Pushbutton Switches					
Transparent, colorless Illuminated	CKN9260-ND	13.64	10.92	8.64	1.30070.0011002
Transparent, Red Illuminated	CKN9261-ND	13.64	10.92	8.64	1.30070.0011306
Transparent, Yellow Illuminated	CKN9262-ND	13.64	10.92	8.64	1.30070.0011403
Transparent, Green Illuminated	CKN9263-ND	13.64	10.92	8.64	1.30070.0011505

Description	Digi-Key Part No.	Price Each			C&K Part No.
Opaque White	CKN9264-ND	13.42	10.74	8.50	1.30070.2510200
Opaque Red	CKN9265-ND	13.42	10.74	8.50	1.30070.2510300
Opaque Yellow	CKN9266-ND	13.42	10.74	8.50	1.30070.2510400
Opaque Green	CKN9267-ND	13.42	10.74	8.50	1.30070.2510500
Emergency Stop Switches					
Opaque Red, with Yellow Collar	CKN9399-ND	32.02	27.66	23.29	1.30074.8210000
Opaque Red, with Yellow Collar, conical	CKN9268-ND	33.43	26.75	21.18	1.30074.2810300
Accessories					
Lamps					
Filament Lamp, 12V	CKN9243-ND	2.40	1.93	1.53	1.90120.0120000
Filament Lamp, 24V	CKN9242-ND	2.69	2.15	1.70	1.90120.0110000
Contact Blocks					
Momentary, 1NC + 1NO, with Lamp Socket	CKN9244-ND	16.60	13.29	10.52	1.20122.0010000
Momentary, 2NO, with Lamp Socket	CKN9245-ND	16.60	13.29	10.52	1.20122.0020000
Momentary, 2NC, with Lamp Socket	CKN9246-ND	16.60	13.29	10.52	1.20122.0030000
Latching, 1NC + 1NO, with Lamp Socket	CKN9247-ND	25.05	20.04	15.87	1.20122.0410000
Latching, 2NO, with Lamp Socket	CKN9248-ND	25.05	20.04	15.87	1.20122.0420000
Momentary, 1NC + 1NO, without Lamp Socket	CKN9249-ND	13.31	10.65	8.43	1.20122.0210000
Momentary, 2NO, without Lamp Socket	CKN9250-ND	13.31	10.65	8.43	1.20122.0220000
Momentary, 2NC, without Lamp Socket	CKN9251-ND	13.31	10.65	8.43	1.20122.0230000
Latching, 1NC + 1NO, without Lamp Socket	CKN9252-ND	16.60	13.29	10.52	1.20122.0610000
Latching, 2NO, without Lamp Socket	CKN9253-ND	16.60	13.29	10.52	1.20122.0620000
Momentary, 1NC + 1NO, Universal	CKN9254-ND	16.55	13.24	10.49	1.20123.0210000
Momentary, 1NC, Universal	CKN9397-ND	11.86	9.49	7.51	1.20123.0220000
Momentary, 2NC, Universal	CKN9255-ND	16.72	13.38	10.59	1.20123.0240000
Labels for Emergency Stop Switches					
Yellow, NOT-AUS, 60mm Diameter	CKN9269-ND	6.23	4.99	3.95	5.76204.4010400
Yellow, Emergency Stop, 60mm Diameter	CKN9270-ND	6.23	4.99	3.95	5.76204.4030400

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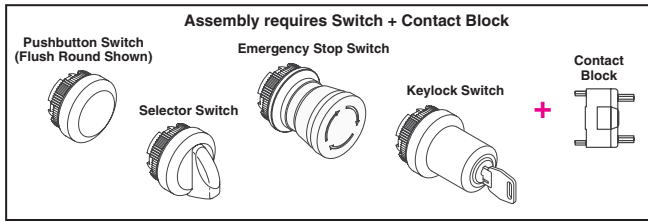
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RAFIX 22 FS

The RAFIX 22 FS control component range can be combined on a common printed circuit board together with short-travel keys and other components thanks to its extremely small mounting depth of 9.2mm. The actuators and signal indicators are fastened to a front panel with a threaded ring in a 22.3mm panel cut-out. The contact blocks are soldered onto the PCB.

Illumination of the actuator is provided by a 3mm LED inserted into the base of the contact block and soldered to the PCB together with the contact block.



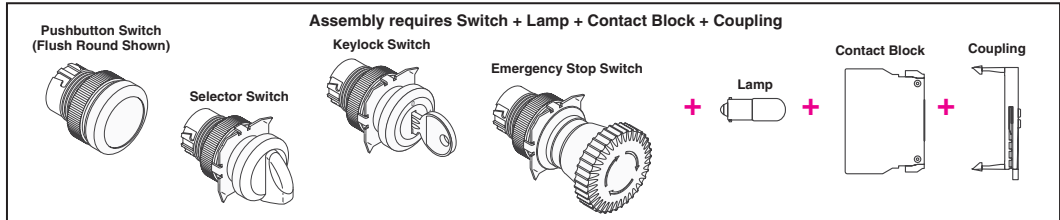
Description	Digi-Key Part No.	Price Each			C&K Part No.
		1	25	100	
Switches					
Flush Round Pushbutton, Momentary					
Transparent White, Illuminated	CKN9277-ND	12.75	10.20	8.08	1.30250.0211000
Transparent Red, Illuminated	CKN9278-ND	12.75	10.20	8.08	1.30250.0211300
Transparent Yellow, Illuminated	CKN9279-ND	12.75	10.20	8.08	1.30250.0211400
Transparent Green, Illuminated	CKN9280-ND	12.75	10.20	8.08	1.30250.0211500
Transparent Blue, Illuminated	CKN9281-ND	12.75	10.20	8.08	1.30250.0211600
Opaque Black	CKN9282-ND	8.39	6.71	5.32	1.30250.1210100
Opaque White	CKN9283-ND	8.39	6.71	5.32	1.30250.1210200
Opaque Red	CKN9284-ND	8.39	6.71	5.32	1.30250.1210300
Opaque Yellow	CKN9285-ND	8.39	6.71	5.32	1.30250.1210400
Opaque Green	CKN9286-ND	8.39	6.71	5.32	1.30250.1210500
Flush Round Pushbutton, Latching					
Transparent Red, Illuminated	CKN9287-ND	22.59	18.07	14.31	1.30250.0311300
Transparent Green, Illuminated	CKN9288-ND	22.59	18.07	14.31	1.30250.0311500
Opaque Black	CKN9289-ND	17.55	14.05	11.12	1.30250.1310100
Opaque Red	CKN9290-ND	17.55	14.05	11.12	1.30250.1310300
Opaque Green	CKN9291-ND	17.55	14.05	11.12	1.30250.1310500

Description	Digi-Key Part No.	Price Each			C&K Part No.
		1	25	100	
Protruding Round Pushbutton, Momentary					
Transparent White, Illuminated	CKN9292-ND	18.21	14.57	11.54	1.30250.2211000
Transparent Red, Illuminated	CKN9293-ND	18.21	14.57	11.54	1.30250.2211300
Transparent Green, Illuminated	CKN9294-ND	18.21	14.57	11.54	1.30250.2211500
Opaque Red	CKN9295-ND	7.08	5.67	4.49	1.30250.3210300
Opaque Green	CKN9296-ND	7.08	5.67	4.49	1.30250.3210500
Flush Square Pushbutton, Momentary					
Transparent Red, Illuminated	CKN9297-ND	12.75	10.20	8.08	1.30250.0711300
Transparent Blue, Illuminated	CKN9298-ND	12.75	10.20	8.08	1.30250.0711500
Transparent Blue, Illuminated	CKN9299-ND	12.75	10.20	8.08	1.30250.0711600
Selector Switches					
Momentary 1° x 40° Illuminated	CKN9300-ND	24.82	19.86	15.72	1.30252.0022200
Momentary 2° x 40° Illuminated	CKN9301-ND	24.82	19.86	15.72	1.30252.0272200
Latching 1° x 90° Form L, Illuminated	CKN9302-ND	24.82	19.86	15.72	1.30252.1022200
Latching 1° x 90° Form V, Illuminated	CKN9303-ND	24.82	19.86	15.72	1.30252.2022200
Latching 2° x 60° Illuminated	CKN9304-ND	24.82	19.86	15.72	1.30252.3022200
Momentary 1° x 40°	CKN9305-ND	18.28	14.63	11.58	1.30252.5020200
Momentary 2° x 40°	CKN9306-ND	18.28	14.63	11.58	1.30252.5270200
Latching 1° x 90° Form L	CKN9307-ND	18.28	14.63	11.58	1.30252.6020200
Latching 1° x 90° Form V	CKN9308-ND	18.28	14.63	11.58	1.30252.7020200
Latching 2° x 60°	CKN9309-ND	18.28	14.63	11.58	1.30252.8020200
Keylock Switches					
Momentary 1° x 40°, Key Removable pos. 0	CKN9310-ND	46.57	37.26	29.50	1.30255.0020000
Momentary 2° x 40°, Key Removable pos. 0	CKN9311-ND	46.57	37.26	29.50	1.30255.1020000
Latching 1° x 90° Form L, Key Removable pos. 0+1	CKN9312-ND	46.57	37.26	29.50	1.30255.2220000
Latching 1° x 90° Form V, Key Removable pos. 0+1	CKN9313-ND	46.57	37.26	29.50	1.30255.3220000
Latching 2° x 90°, Key Removable pos. 0+1+2	CKN9314-ND	46.57	37.26	29.50	1.30255.4320000
Emergency Stop Switches					
30mm Diameter, Red	CKN9402-ND	23.45	20.26	17.06	1.30253.5010300
30mm Diameter, Red, Illuminated	CKN9315-ND	37.51	30.01	23.76	1.30253.0010300
Accessories					
Contact Blocks					
Universal, 1NC	CKN9271-ND	11.18	8.95	7.09	1.20126.0010000
Universal, 1NO	CKN9272-ND	11.18	8.95	7.09	1.20126.0020000
Universal, 1NC + 1NO	CKN9400-ND	13.24	11.44	9.64	1.20126.0030000
Universal, 2NC	CKN9273-ND	18.06	14.45	11.44	1.20126.0040000
Universal, 2NO	CKN9274-ND	18.06	14.45	11.44	1.20126.0050000
Emergency Stop, 1NC	CKN9275-ND	11.18	8.95	7.09	1.20126.4010000
Emergency Stop, 1NC + 1NO	CKN9401-ND	13.24	11.44	9.64	1.20126.4030000
Emergency Stop, 2NC	CKN9276-ND	13.24	11.44	9.64	1.20126.4040000

RAFIX 22 QR

The RAFIX 22 QR control component range meets all the technical requirements and current standards for control gear.

The system is of modular design. Actuators, contact blocks and lamp sockets can be combined freely. This means that you may implement modifications of design or configuration even at the last minute.



Description	Digi-Key Part No.	Price Each			C&K Part No.
		1	25	100	
Switches					
Flush Round Pushbutton, Momentary					
Transparent White, Illuminated	CKN9329-ND	12.86	10.29	8.15	1.30240.0211000
Transparent Red, Illuminated	CKN9330-ND	12.86	10.29	8.15	1.30240.0211300
Transparent Yellow, Illuminated	CKN9331-ND	12.86	10.29	8.15	1.30240.0211400
Transparent Green, Illuminated	CKN9332-ND	12.86	10.29	8.15	1.30240.0211500
Opaque White	CKN9333-ND	8.44	6.76	5.35	1.30240.1210200
Opaque Red	CKN9334-ND	8.44	6.76	5.35	1.30240.1210300
Opaque Yellow	CKN9335-ND	8.44	6.76	5.35	1.30240.1210400
Opaque Green	CKN9336-ND	8.44	6.76	5.35	1.30240.1210500
Protruding Round Pushbutton, Momentary					
Transparent White, Illuminated	CKN9337-ND	13.42	10.74	8.50	1.30240.2211000
Transparent Red, Illuminated	CKN9338-ND	13.42	10.74	8.50	1.30240.2211300
Transparent Yellow, Illuminated	CKN9339-ND	13.42	10.74	8.50	1.30240.2211400
Opaque White	CKN9340-ND	9.11	7.30	5.78	1.30240.3210200
Opaque Red	CKN9341-ND	9.11	7.30	5.78	1.30240.3210300
Opaque Yellow	CKN9342-ND	9.11	7.30	5.78	1.30240.3210400
Opaque Green	CKN9343-ND	9.11	7.30	5.78	1.30240.3210500
Selector Switches					
Momentary 1° x 40°, Illuminated	CKN9344-ND	24.93	19.95	15.80	1.30242.0022200
Momentary 2° x 40°, Illuminated	CKN9345-ND	24.93	19.95	15.80	1.30242.0272200
Latching 1° x 90°, Form L, Illuminated	CKN9346-ND	19.49	15.59	12.35	1.30242.1022200
Latching 1° x 90°, Form V, Illuminated	CKN9347-ND	24.93	19.95	15.80	1.30242.2022200
Latching 2° x 60°, Illuminated	CKN9348-ND	24.93	19.95	15.80	1.30242.3022200
Momentary 1° x 40°	CKN9349-ND	14.93	11.95	9.46	1.30242.5020200
Momentary 2° x 40°	CKN9350-ND	18.40	14.72	11.65	1.30242.5270200
Latching 1° x 90°, Form L	CKN9351-ND	18.40	14.72	11.65	1.30242.6020200
Latching 1° x 90°, Form V	CKN9352-ND	18.40	14.72	11.65	1.30242.7020200
Latching 2° x 60°	CKN9353-ND	18.40	14.72	11.65	1.30242.8020200
Keylock Switches					
Momentary 1° x 40°, Key Removable pos. 0	CKN9354-ND	46.12	36.90	29.21	1.30245.0020000
Latching 1° x 90°, Form L, Key Removable pos. 0+1	CKN9355-ND	46.12	36.90	29.21	1.30245.2220000

Description	Digi-Key Part No.	Price Each			C&K Part No.
		1	25	100	
Latching 1° x 90°, Form V, Key Removable pos. 0+1	CKN9356-ND	46.12	36.90	29.21	1.30245.3220000
Latching 2° x 90°, Key Removable pos. 0+1+2	CKN9357-ND	46.12	36.90	29.21	1.30245.4320000
Mushroom Head Pushbutton Switches					
Momentary, Opaque Red 40mm dia.	CKN9358-ND	18.11	14.49	11.48	1.30246.5020300
Latching, Opaque Red 40mm dia.	CKN9359-ND	27.94	22.36	17.70	1.30246.5120300
Emergency Stop Switches					
Opaque Red, 39.8mm dia.	CKN9407-ND	23.61	20.40	17.18	1.30243.5010300
Opaque Red, 39.8mm dia., Illuminated	CKN9360-ND	36.73	29.39	23.27	1.30243.0010300
Accessories					
Lamps					
Filament Lamp, 12 - 15V	CKN9316-ND	4.25	3.40	2.70	1.90060.1320000
Filament Lamp, 24 - 30V	CKN9403-ND	4.14	3.32	2.63	1.90060.1330000
Filament Lamp, 110 - 130V	CKN9317-ND	8.67	6.94	5.49	1.90060.1370000
Neon Lamp, 220VAC	CKN9318-ND	10.40	8.32	6.59	1.90560.1020000
LED, Superbright Red, 24V	CKN9404-ND	14.64	12.64	10.65	1.90690.3410000
LED, Superbright Green, 24V	CKN9319-ND	28.46	22.77	18.03	1.90690.3420000
LED, Superbright Yellow, 24V	CKN9320-ND	19.96	15.97	12.64	1.90690.3430000
LED, Superbright White, 24V	CKN9321-ND	28.46	22.77	18.03	1.90690.3450000
Lamp Extractor for 22QR	CKN9322-ND	8.11	6.49	5.14	1.90690.0070000
Lamp Socket, Screw Terminal	CKN9327-ND	9.05	7.25	5.74	5.00070.0740000
Contact Blocks					
Screw Terminals, 1NC	CKN9323-ND	9.34	7.47	5.92	5.00100.1390000
Screw Terminals, 1NO	CKN9324-ND	9.34	7.47	5.92	5.00100.1400000
Screw Terminals, 2NC	CKN9325-ND	15.43	12.35	9.78	5.00100.1410000
Screw Terminals, 2NO	CKN9326-ND	15.43	12.35	9.78	5.00100.1420000
Screw Terminals, 1NC + 1NO	CKN9405-ND	11.31	9.78	8.23	5.00100.1430000
Couplings					
Coupling, with Reference Numbers 1-3-2	CKN9406-ND	1.79	1.44	1.14	5.05510.9350000
Coupling, with Reference Numbers 1/2-5/6-3/4	CKN9328-ND	1.79	1.44	1.14	5.05510.9360000

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