

SERIES KO SWITCHES

KEYLOCK SWITCHES

TACT
SWITCHES

NAVIGATION
SWITCHES

PUSHBUTTON
SWITCHES

TOGGLE
SWITCHES

ROCKER
SWITCHES

SLIDE
SWITCHES

SNAP-ACTION
SWITCHES

DIP
SWITCHES

KEYLOCK
SWITCHES

ROTARY
SWITCHES

DETECTOR
SWITCHES

CAP
OPTIONS



FEATURES & BENEFITS

- ▶ Variety of size and product package options
- ▶ Barrel and flat key options
- ▶ Wide variety of key code options

APPLICATIONS/MARKETS

- ▶ Security applications
- ▶ Personal transportation vehicles
- ▶ Elevator controls



Example Ordering Number
KO-103B

SPECIFICATIONS

Contact Rating: As per individual model number

Initial Contact Resistance: 10 mΩ Max.

Insulation Resistance: As per individual model number

Dielectric Strength: As per individual model number

MATERIALS

Housing and Cylinder: Die cast zinc alloy. Finish dependent upon individual model number

Contact: Silver plated copper alloy

Keys: As per individual model number

HOW TO ORDER

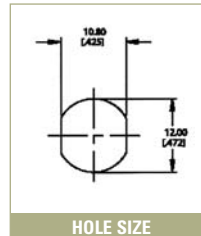
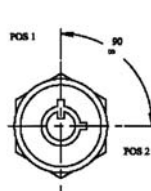
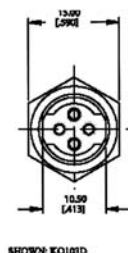
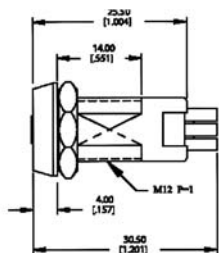
SERIES
KO

MODEL NO.



Specifications subject to change without notice.

KO 103



HOLE SIZE

FEATURES & BENEFITS

- ▶ Zinc alloy die cast housing and cylinder, chrome plated
- ▶ Zinc alloy keys, chrome plated
- ▶ Silver plated contacts and terminals
- ▶ 200 combinations available

SPECIFICATIONS

Ratings: 1A @ 125 VAC
0.5A @ 250 VAC

Contact Resistance: 20 mΩ max. initial @ 2-4 VDC, 100 mA

Insulation Resistance: 200 MΩ min.

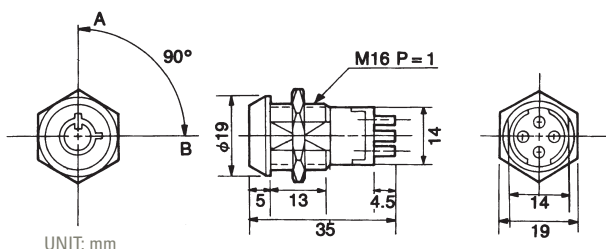
Dielectric Strength: 1,500 V rms @ sea level

Part Number	Lock Configuration (as viewed from key end)	Connected Terminals			Key Pull Possible
		Pos. 1	Pos. 2	Pos. 3	
KO103A	90° indexing	OFF	1-2		Pos. 1
KO103B	90° indexing	OFF	1-2		Pos. 1, Pos. 2
KO103C	90° indexing	1-2	3-4		Pos. 1
KO103D	90° indexing	1-2	3-4		Pos. 1, Pos. 2
KO103E	90° indexing	OFF	1-2		Pos. 1

• = Detent Position ○ = Keypull Possible ▼ = Momentary



KO 104



UNIT: mm

HOLE SIZE

FEATURES & BENEFITS

- ▶ Zinc alloy die cast housing and cylinder, chrome plated
- ▶ Zinc alloy keys, chrome plated, with plastic cover
- ▶ Silver plated contacts and terminals
- ▶ 10,000 combinations available

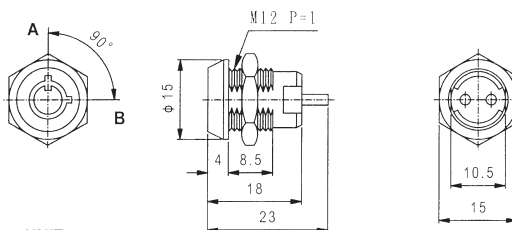
SPECIFICATIONS

Ratings:	3A @ 125 VAC
	1.5A @ 250 VAC
Contact Resistance:	20 mΩ max. initial @ 2-4 VDC, 100 mA
Insulation Resistance:	200 MΩ min.
Dielectric Strength:	1,500 V rms @ sea level

Part Number	Lock Configuration (as viewed from key end)	Connected Terminals			Key Pull Possible
		Pos. 1	Pos. 2	Pos. 3	
KO104A	1-2 90° indexing	1-2	3-4		Pos. 1
KO104B	1-2 90° indexing	1-2	3-4		Pos. 1, Pos. 2

• = Detent Position ◯ = Keypull Possible ▼ = Momentary

KO 105



UNIT: mm

HOLE SIZE

FEATURES & BENEFITS

- ▶ Zinc alloy die cast housing and cylinder, chrome plated
- ▶ Steel made tubular keys, nickel plated, with plastic cover
- ▶ Silver plated contacts and terminals
- ▶ 100 combinations available

SPECIFICATIONS

Ratings:	1A @ 125 VAC
	0.5A @ 250 VAC
Contact Resistance:	20 mΩ max. initial @ 2-4 VDC, 100 mA
Insulation Resistance:	200 MΩ min.
Dielectric Strength:	1,500 V rms @ sea level

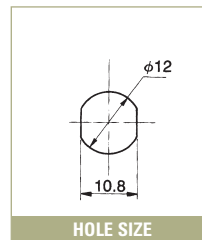
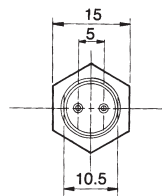
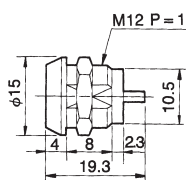
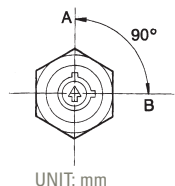
Part Number	Lock Configuration (as viewed from key end)	Connected Terminals			Key Pull Possible
		Pos. 1	Pos. 2	Pos. 3	
KO105A	1-2 90° indexing	OFF	1-2		Pos. 1, Pos. 2
KO105B	1-2 90° indexing	1-2	3-4		Pos. 1, Pos. 2

• = Detent Position ◯ = Keypull Possible ▼ = Momentary

SERIES KO SWITCHES

KEYLOCK SWITCHES

KO 106



FEATURES & BENEFITS

- ▶ Zinc alloy die cast housing and cylinder, chrome plated
- ▶ Zinc alloy keys, chrome plated
- ▶ Silver plated contacts and terminals
- ▶ 1 combination available

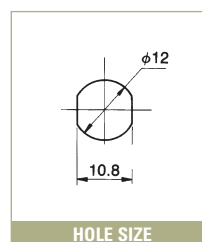
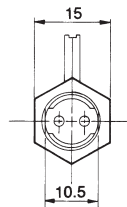
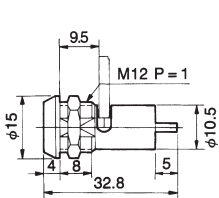
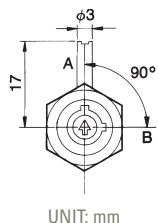
SPECIFICATIONS

Ratings:	1A @ 125 VAC
	0.5A @ 250 VAC
Contact Resistance:	20 mΩ max. initial @ 2-4 VDC, 100 mA
Insulation Resistance:	200 MΩ min.
Dielectric Strength:	1,500 V rms @ sea level

Part Number	Lock Configuration (as viewed from key end)	Connected Terminals			Key Pull Possible
		Pos. 1	Pos. 2	Pos. 3	
KO106A	90° indexing	OFF	1-2		Pos. 1, Pos. 2

• = Detent Position ⊙ = Keypull Possible ▼ = Momentary

KO 107



FEATURES & BENEFITS

- ▶ Zinc alloy die cast housing and cylinder, chrome plated
- ▶ Zinc alloy keys, chrome plated
- ▶ Silver plated contacts and terminals
- ▶ L dimension per customer requirement, 13 mm is standard
- ▶ 6 combinations available

SPECIFICATIONS

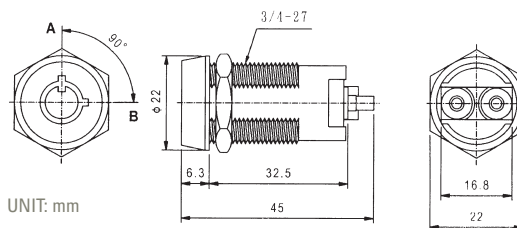
Ratings:	1A @ 125 VAC
	0.5A @ 250 VAC
Contact Resistance:	20 mΩ max. initial @ 2-4 VDC, 100 mA
Insulation Resistance:	200 MΩ min.
Dielectric Strength:	1,500 V rms @ sea level

Part Number	Lock Configuration (as viewed from key end)	Connected Terminals			Key Pull Possible
		Pos. 1	Pos. 2	Pos. 3	
KO107A	90° indexing	OFF	1-2		Pos. 1, Pos. 2

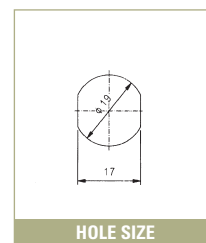
• = Detent Position ⊙ = Keypull Possible ▼ = Momentary



KO 113



UNIT: mm



HOLE SIZE

FEATURES & BENEFITS

- ▶ Zinc alloy die cast housing and cylinder, chrome plated
- ▶ Steel made tubular keys, nickel plated,
- ▶ Silver plated contacts and terminals
- ▶ 50,000 combinations available

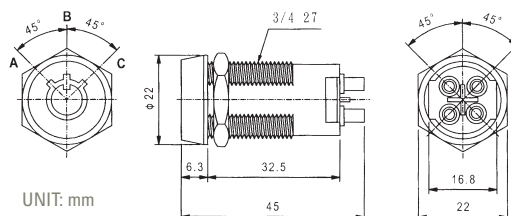
SPECIFICATIONS

Ratings:	4A @ 125 VAC
	2A @ 250 VAC
Contact Resistance:	20 mΩ max. initial @ 2-4 VDC, 100 mA
Insulation Resistance:	200 MΩ min.
Dielectric Strength:	1,500 V rms @ sea level

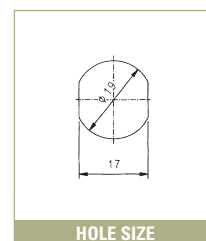
Part Number	Lock Configuration (as viewed from key end)	Connected Terminals			Key Pull Possible
		Pos. 1	Pos. 2	Pos. 3	
K0113A	1 90° indexing	OFF	1-2		Pos. 1
K0113B	1 90° indexing	OFF	1-2		Pos. 1, Pos. 2
K0113C	1 90° indexing	OFF	1-2		Pos. 1

• = Detent Position ⊙ = Keypull Possible ▼ = Momentary

KO 114



UNIT: mm



HOLE SIZE

FEATURES & BENEFITS

- ▶ Zinc alloy die cast housing and cylinder, chrome plated
- ▶ Steel made tubular keys, nickel plated
- ▶ Silver plated contacts and terminals
- ▶ 50,000 combinations available

SPECIFICATIONS

Ratings:	4A @ 125 VAC
	2A @ 250 VAC
Contact Resistance:	20 mΩ max. initial @ 2-4 VDC, 100 mA
Insulation Resistance:	200 MΩ min.
Dielectric Strength:	1,500 V rms @ sea level

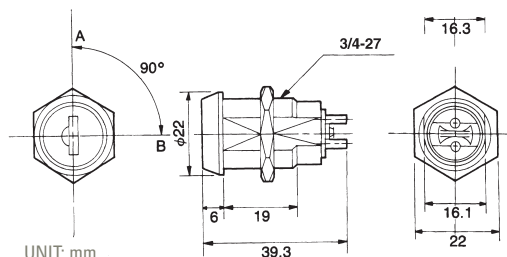
Part Number	Lock Configuration (as viewed from key end)	Connected Terminals				Key Pull Possible
		Pos. 1	Pos. 2	Pos. 3	Pos. 4	
K0114A	1 45° 45° indexing	1-2	OFF	3-4		Pos. 1, Pos. 2, Pos. 3
K0114B	1 45° 90° indexing	OFF	1-2		3-4	Pos. 1, Pos. 2, Pos. 4
K0114C	1 90° indexing		1-2		3-4	Pos. 1, Pos. 2
K0114D	2 45° indexing	OFF		1-2, 3-4		Pos. 2, Pos. 3

• = Detent Position ⊙ = Keypull Possible ▼ = Momentary

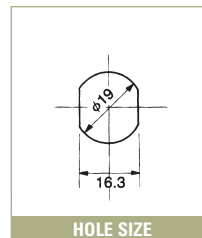
SERIES KO SWITCHES

KEYLOCK SWITCHES

KO 117



UNIT: mm



HOLE SIZE

FEATURES & BENEFITS

- ▶ Zinc alloy die cast housing, chrome plated
- ▶ 5-Disk tumblers mechanism, with dust shutter
- ▶ Reversible double cut key, brass made, nickel plated
- ▶ Silver plated contacts and terminals
- ▶ 150 combinations available

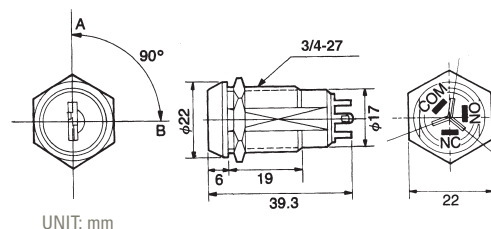
SPECIFICATIONS

Ratings:	4A @ 125 VAC
	2A @ 250 VAC
Contact Resistance:	20 mΩ max. initial @ 2-4 VDC, 100 mA
Insulation Resistance:	200 MΩ min.
Dielectric Strength:	1,500 V rms @ sea level

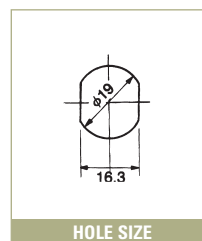
Part Number	Lock Configuration (as viewed from key end)	Connected Terminals			Key Pull Possible
		Pos. 1	Pos. 2	Pos. 3	
K0117A	1 90° indexing	OFF	1-2		Pos. 1, Pos. 2

• = Detent Position ◯ = Keypull Possible ▼ = Momentary

KO 118



UNIT: mm



HOLE SIZE

FEATURES & BENEFITS

- ▶ Zinc alloy die cast housing, chrome plated
- ▶ 5-Disk tumblers mechanism, with dust shutter
- ▶ Reversible double cut key, brass made, nickel plated
- ▶ Silver plated contacts and terminals
- ▶ 150 combinations available

SPECIFICATIONS

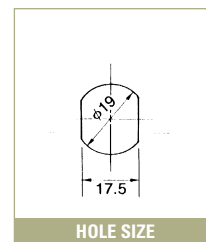
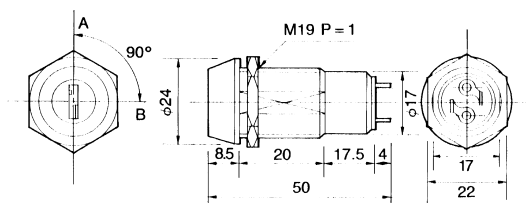
Ratings:	4A @ 125 VAC
	2A @ 250 VAC
Contact Resistance:	20 mΩ max. initial @ 2-4 VDC, 100 mA
Insulation Resistance:	200 MΩ min.
Dielectric Strength:	1,500 V rms @ sea level

Part Number	Lock Configuration (as viewed from key end)	Connected Terminals			Key Pull Possible
		Pos. 1	Pos. 2	Pos. 3	
K0118A	1 90° indexing	1-2	3-4		Pos. 1, Pos. 2

• = Detent Position ◯ = Keypull Possible ▼ = Momentary



KO 119



HOLE SIZE

FEATURES & BENEFITS

- ▶ Zinc alloy die cast housing and cylinder
- ▶ 5-Disk tumblers mechanism
- ▶ Reversible double cut key
- ▶ Silver plated contacts and terminals
- ▶ 150 combinations available

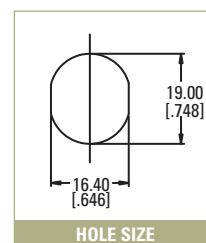
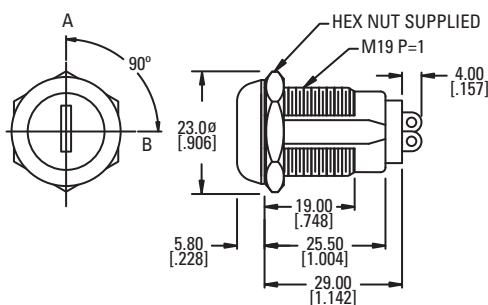
SPECIFICATIONS

Ratings:	4A @ 125 VAC 2A @ 250 VAC
Contact Resistance:	20 mΩ max. initial @ 2-4 VDC, 100 mA
Insulation Resistance:	200 MΩ min.
Dielectric Strength:	1,500 V rms @ sea level

Part Number	Lock Configuration (as viewed from key end)	Connected Terminals			Key Pull Possible
		Pos. 1	Pos. 2	Pos. 3	
KO119A	1 90° indexing	OFF	1-2		Pos. 1
KO119B	1 90° indexing	OFF	1-2		Pos. 1, Pos. 2
KO119C	1 90° indexing	OFF	1-2		Pos. 1

• = Detent Position ⊙ = Keypull Possible ▼ = Momentary

KO 121



HOLE SIZE

FEATURES & BENEFITS

- ▶ Zinc alloy die cast housing with bright stainless steel bezel
- ▶ 5-Disk tumblers mechanism, with dust shutter
- ▶ 150 combinations available

SPECIFICATIONS

Ratings:	4A @ 125 VAC 2A @ 250 VAC
Contact Resistance:	20 mΩ max. initial @ 2-4 VDC, 100 mA
Insulation Resistance:	200 MΩ min.
Dielectric Strength:	1,500 V rms @ sea level

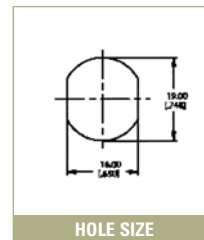
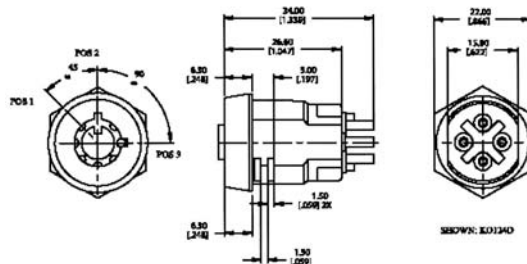
Part Number	Lock Configuration (as viewed from key end)	Connected Terminals			Key Pull Possible
		Pos. 1	Pos. 2	Pos. 3	
KO121A	1 90° indexing	OFF	1-2		Pos. 1, Pos. 2

• = Detent Position ⊙ = Keypull Possible ▼ = Momentary

SERIES KO SWITCHES

KEYLOCK SWITCHES

KO 124



HOLE SIZE

FEATURES & BENEFITS

- ▶ Zinc alloy die cast housing and cylinder, satin chrome plated
- ▶ Steel made tubular keys, nickel plated
- ▶ Silver plated contacts and terminals
- ▶ 50,000 combinations available

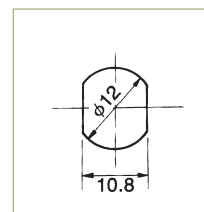
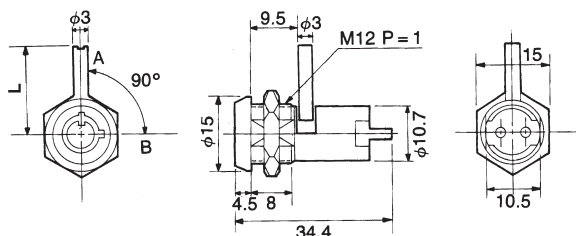
SPECIFICATIONS

Ratings:	2A @ 125 VAC 1A @ 250 VAC
Contact Resistance:	20 mΩ max. initial @ 2-4 VDC, 100 mA
Insulation Resistance:	200 MΩ min.
Dielectric Strength:	1,500 V rms @ sea level

Part Number	Lock Configuration (as viewed from key end)	Connected Terminals				Key Pull Possible
		Pos. 1	Pos. 2	Pos. 3	Pos. 4	
KO124A	90° indexing		OFF	1-2		Pos. 2, Pos. 3
KO124C	90° indexing		1-2	3-4		Pos. 2, Pos. 3
KO124D	45°/90° indexing	OFF	1-2	3-4		Pos. 1, Pos. 2, Pos. 3

• = Detent Position ◯ = Keypull Possible ▼ = Momentary

KO 126



HOLE SIZE

FEATURES & BENEFITS

- ▶ Zinc alloy die cast housing, chrome plated
- ▶ Brass cylinder, chrome plated
- ▶ Brass keys, nickel plated, with plastic cover
- ▶ Silver plated contacts and terminals
- ▶ 2 positions (Off-On)
- ▶ Dual-Functioned Key Lock Switch
- ▶ L dimension per customer requirement; 13mm is standard
- ▶ 200 combinations available

SPECIFICATIONS

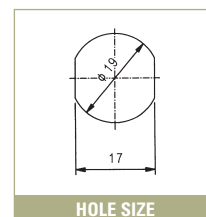
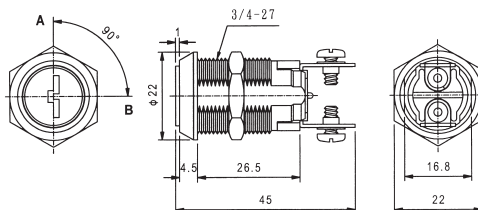
Ratings:	1A @ 125 VAC 0.5A @ 250 VAC
Contact Resistance:	20 mΩ max. initial @ 2-4 VDC, 100 mA
Insulation Resistance:	200 MΩ min.
Dielectric Strength:	1,500 V rms @ sea level

Part Number	Lock Configuration (as viewed from key end)	Connected Terminals				Key Pull Possible
		Pos. 1	Pos. 2	Pos. 3	Pos. 4	
KO126A	90° indexing	OFF	1-2			Pos. 1, Pos. 2

• = Detent Position ◯ = Keypull Possible ▼ = Momentary



KO 128



FEATURES & BENEFITS

- Zinc alloy die cast housing and cylinder, chrome plated
- 11 Blade criss cross tumblers.
- Reversible, double bitted keys

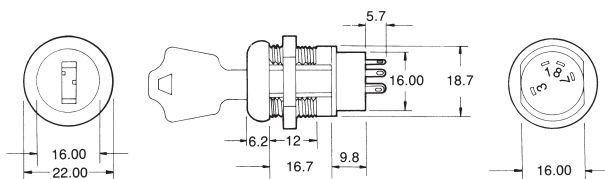
SPECIFICATIONS

Ratings:	4A @ 125 VAC 2A @ 250 VAC
Contact Resistance:	20 mΩ max. initial @ 2-4 VDC, 100 mA
Insulation Resistance:	200 MΩ min.
Dielectric Strength:	1,500 V rms @ sea level

Part Number	Lock Configuration (as viewed from key end)	Connected Terminals				Key Pull Possible
		Pos. 1	Pos. 2	Pos. 3	Pos. 4	
KO128A	90° indexing	OFF	1-2			Pos. 1
KO128B	90° indexing	OFF	1-2			Pos. 1, Pos. 2
KO128E	90° indexing	OFF	1-2			Pos. 1
KO128F	90° indexing	OFF	1-2			Pos. 1
KO128G	90° indexing	OFF	1-2			Pos. 1, Pos. 2
KO128H	90° indexing	OFF	1-2			Pos. 1

• = Detent Position ⊕ = Keypull Possible ▼ = Momentary

KO 129



FEATURES & BENEFITS

- Lock: bright nickel plated zinc alloy with nickel facing (black and polished chrome facing available)
- Tumbler mechanism: 4-disc tumbler cylinder
- Keys: brass with code no.
- Contacts: silver plated copper alloy
- Terminals: silver plated copper alloy
- Mounting nut: nickel plated zinc alloy



SPECIFICATIONS

Ratings:	4A @ 125 VAC 2A @ 250 VAC
Contact Resistance:	20 mΩ max. initial @ 2-4 VDC, 100 mA
Insulation Resistance:	200 MΩ min.
Dielectric Strength:	1,500 V rms @ sea level

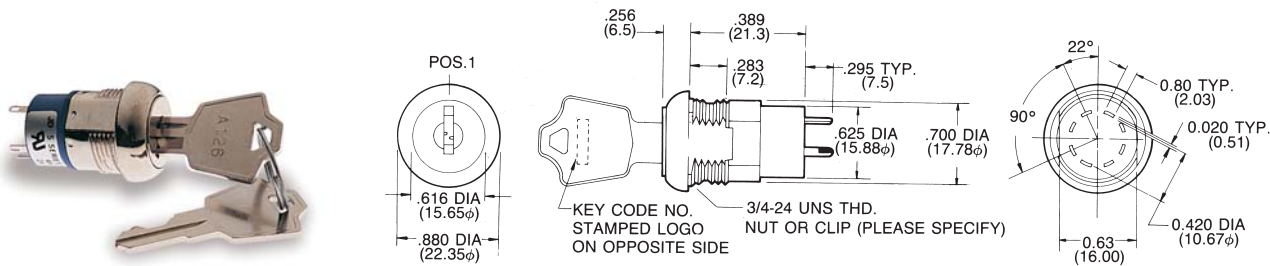
Part Number	Lock Configuration (as viewed from key end)	Connected Terminals					Key Pull Possible
		Pos. 1	Pos. 2	Pos. 3	Pos. 4	Pos. 5	
KO129A (SP)	45°-90° indexing		7-8	8-1		1-3	Pos. 3, Pos. 5
KO129B (SP)	90°-45° indexing	1-2		7-1	6-7		Pos. 1, Pos. 3
KO129C (SP)	45°-45° indexing		1-2	8-1	7-8		Pos. 3
KO129D (DP)	45°-45° indexing		1-2, 5-6	8-1, 4-5	7-8, 3-4		Pos. 3
KO129E (SP)	45° indexing			8-1	1-2		Pos. 3
KO129F (DP)	45° indexing			8-1, 4-5	1-2, 5-6		Pos. 3
KO129G (SP)	45° indexing		7-8	8-1			Pos. 3
KO129H (DP)	45° indexing		7-8, 3-4	8-1, 4-5			Pos. 3
KO129J (SP)	45°-45° indexing		1-2	8-1	7-8		Pos. 3
KO129K (DP)	45°-45° indexing		1-2, 5-6	8-1, 4-5	7-8, 3-4		Pos. 3
KO129L (SP)	45°-45° indexing		7-8	8-1	1-2		Pos. 3
KO129M (DP)	45°-45° indexing		7-8, 3-4	8-1, 4-5	1-2, 5-6		Pos. 3

• = Detent Position ⊕ = Keypull Possible ▼ = Momentary

SERIES KO SWITCHES

KEYLOCK SWITCHES

KO 130



FEATURES & BENEFITS

- Lock: bright nickel plated zinc alloy with nickel facing (black and polished chrome facing available)
- Tumbler mechanism: 4-disc tumbler cylinder
- Keys: brass with code no.
- Contacts: silver plated copper alloy
- Terminals: silver plated copper alloy
- Contact spring: piano wire
- Mounting nut: nickel plated zinc alloy



SPECIFICATIONS

Ratings: 4A @ 125 VAC
2A @ 250 VAC

Contact Resistance: 20 mΩ max. initial @ 2-4 VDC, 100 mA

Insulation Resistance: 200 MΩ min.

Dielectric Strength: 1,500 V rms @ sea level

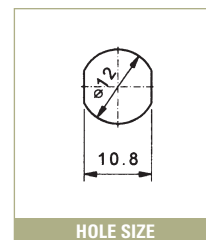
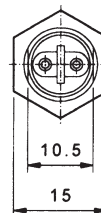
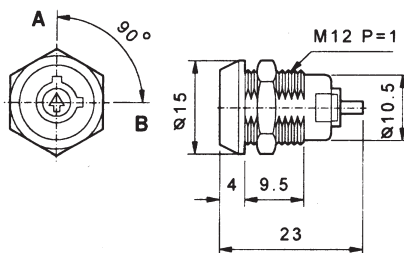
*Anti-static models exceed 20kv DC static resistance also available

Part Number	Lock Configuration (as viewed from key end)	Pos. 1	Pos. 2	Pos. 3	Pos. 4	Pos. 5	Key Pull Possible
KO130A (SP)	45°-45° indexing			8-1	1-2	2-3	Pos. 3
KO130B (DP)	45°-45° indexing			8-1, 4-5	1-2, 5-6	2-3, 6-7	Pos. 3
KO130C (SP)	45°-45° indexing			8-1	1-2	2-3	Pos. 5
KO130D (DP)	45°-45° indexing			8-1, 4-5	1-2, 5-6	2-3, 6-7	Pos. 5
KO130E (SP)	45°-45° indexing			8-1	1-2	2-3	Pos. 3, Pos. 5
KO130F (DP)	45°-45° indexing			8-1, 4-5	1-2, 5-6	2-3, 6-7	Pos. 3, Pos. 5
KO130G (SP)	45°-45° indexing		8-1	1-2	7-8		Pos. 3
KO130H (DP)	45°-45° indexing		8-1, 4-5	1-2, 5-6	7-8, 3-4		Pos. 3
KO130I (SP)	45°-45° indexing		8-1	1-2	7-8		Pos. 2, Pos. 3, Pos. 4
KO130J (DP)	45°-45° indexing		8-1, 4-5	1-2, 5-6	7-8, 3-4		Pos. 2, Pos. 3, Pos. 4
KO130K (SP)	45°-45°-45°-45° indexing	6-7	7-8	8-1	1-2	2-3	Pos. 3
KO130L (SP)	45°-45°-45°-45° indexing	6-7	7-8	8-1	1-2	2-3	Pos. 1, Pos. 5
KO130M (SP)	45°-45°-45°-45° indexing	6-7	7-8	8-1	1-2	2-3	Pos. 1, Pos. 3, Pos. 5
KO130N (SP)	90° indexing			8-1		1-3	Pos. 3
KO130O (DP)	90° indexing			8-1, 4-5		1-3, 5-7	Pos. 3
KO130P (SP)	90° indexing			8-1		1-3	Pos. 5
KO130Q (DP)	90° indexing			8-1, 4-5		1-3, 5-7	Pos. 5
KO130R (SP)	90° indexing			8-1		1-3	Pos. 3, Pos. 5
KO130S (DP)	90° indexing			8-1, 4-5		1-3, 5-7	Pos. 3, Pos. 5
KO130T (SP)	45°-45°-90° indexing	6-7	7-8	8-1		1-3	Pos. 3
KO130U (SP)	45°-45°-90° indexing	6-7	7-8	8-1		1-3	Pos. 1, Pos. 5
KO130V (SP)	45°-45°-90° indexing	6-7	7-8	8-1		1-3	Pos. 1, Pos. 3, Pos. 5
KO130Y (SP)	90°-45°-45° indexing	6-7		7-1	1-2	2-3	Pos. 3
KO130Z (SP)	90°-45°-45° indexing	6-7		7-1	1-2	2-3	Pos. 1, Pos. 5
KO130Z1 (SP)	90°-45°-45° indexing	6-7		7-1	1-2	2-3	Pos. 1, Pos. 3, Pos. 5
KO130Z2 (SP)	90°-90° indexing	6-7		7-1		1-3	Pos. 3
KO130Z3 (SP)	90°-90° indexing	6-7		7-1		1-3	Pos. 1, Pos. 5
KO130Z4 (SP)	90°-90° indexing	6-7		7-1		1-3	Pos. 1, Pos. 3, Pos. 5

• = Detent Position ⊙ = Keypull Possible ▼ = Momentary



KO 131



FEATURES & BENEFITS

- Zinc alloy die cast housing and cylinder, chrome plated
- Zinc alloy keys, chrome plated
- Silver plated contacts and terminals
- 1 combination available

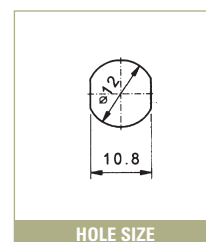
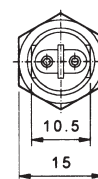
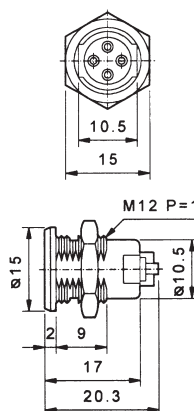
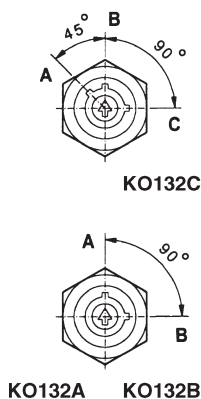
SPECIFICATIONS

Ratings:	1A @ 125 VAC
	0.5A @ 250 VAC
Contact Resistance:	20 mΩ max. initial @ 2-4 VDC, 100 mA
Insulation Resistance:	200 MΩ min.
Dielectric Strength:	1,500 V rms @ sea level

Part Number	Lock Configuration (as viewed from key end)	Connected Terminals				Key Pull Possible
		Pos. 1	Pos. 2	Pos. 3	Pos. 4	
KO131A	90° indexing	OFF	1-2			Pos. 1, Pos. 2

• = Detent Position ⊙ = Keypull Possible ▼ = Momentary

KO 132



FEATURES & BENEFITS

- Zinc alloy die cast housing and cylinder, chrome plated
- Zinc alloy keys, chrome plated
- Silver plated contacts and terminals
- 6 combination available

SPECIFICATIONS

Ratings:	1A @ 125 VAC
	0.5A @ 250 VAC
Contact Resistance:	20 mΩ max. initial @ 2-4 VDC, 100 mA
Insulation Resistance:	200 MΩ min.
Dielectric Strength:	1,500 V rms @ sea level

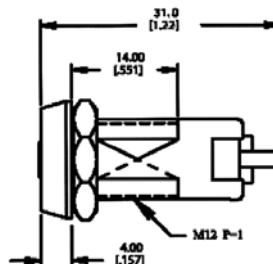
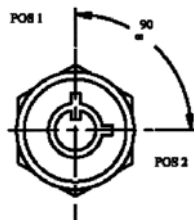
Part Number	Lock Configuration (as viewed from key end)	Connected Terminals				Key Pull Possible
		Pos. 1	Pos. 2	Pos. 3	Pos. 4	
KO132A	90° indexing		OFF	1-2		Pos. 1, Pos. 2
KO132B	90° indexing		1-2	3-4		Pos. 1, Pos. 2
KO132C	45°-90° indexing	OFF	1-2	3-4		Pos. 1, Pos. 2, Pos. 3

• = Detent Position ⊙ = Keypull Possible ▼ = Momentary

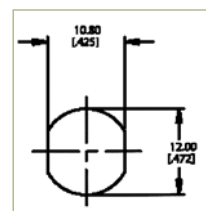
SERIES KO SWITCHES

KEYLOCK SWITCHES

KO 133



SHOWN: KO133A



HOLE SIZE

FEATURES & BENEFITS

- ▶ Zinc alloy die cast housing and cylinder, chrome plated
- ▶ Zinc alloy keys, chrome plated with plastic cover
- ▶ Silver plated contacts and terminals
- ▶ 4 pins tumbler mechanism
- ▶ 200 combinations available

SPECIFICATIONS

Ratings: 1A @ 125 VAC
0.5A @ 250 VAC

Contact Resistance: 20 mΩ max. initial @ 2-4 VDC, 100 mA

Insulation Resistance: 200 MΩ min.

Dielectric Strength: 1,500 V rms @ sea level

Part Number	Lock Configuration (as viewed from key end)	Connected Terminals				Key Pull Possible
		Pos. 1	Pos. 2	Pos. 3	Pos. 4	
KO133A	90° indexing	OFF	1-2			Pos. 1
KO133B	90° indexing	OFF	1-2			Pos. 1, Pos. 2
KO133C	90° indexing	OFF	1-2			Pos. 1

• = Detent Position ◯ = Keypull Possible ▼ = Momentary



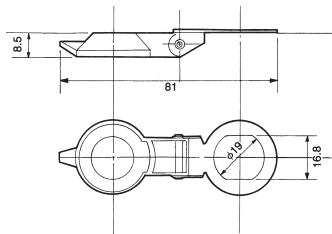
E-SWITCH®

SERIES KO SWITCHES

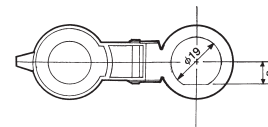
KEYLOCK COVERS

KOM

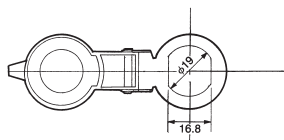
1 DIE CAST ZINC



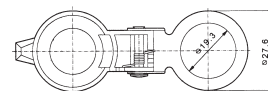
3 DIE CAST ZINC



2 DIE CAST ZINC

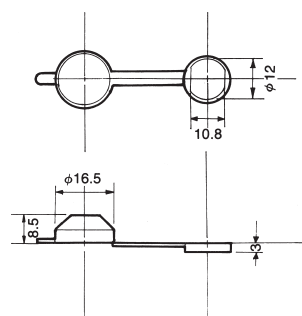


4 DIE CAST ZINC

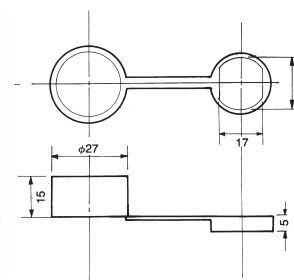


KOC

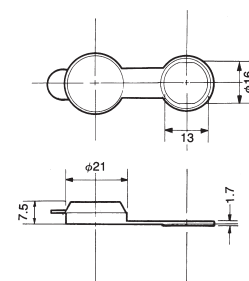
1 RUBBER



3 RUBBER



2 PLASTIC



Model No.	Used for:
KOC1	KO 103, KO 131, KO 132
KOC2	KO 104
KOC3	KO 113, KO 114, KO 119, KO 120
KOM1-4	KO 113, KO 114

TACT
SWITCHESNAVIGATION
SWITCHESPUSHBUTTON
SWITCHESTOGGLE
SWITCHESROCKER
SWITCHESSLIDE
SWITCHESSNAP-ACTION
SWITCHESDIP
SWITCHESKEYLOCK
SWITCHESROTARY
SWITCHESDETECTOR
SWITCHESCAP
OPTIONS