

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



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 |

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



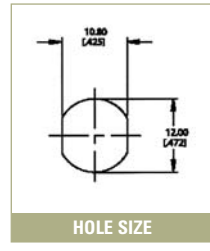
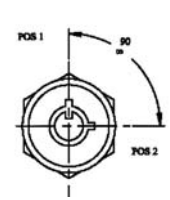
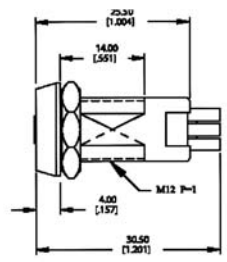
HOW TO ORDER



Example Ordering Number
KO-103B

Specifications subject to change without notice.

KO 103



FEATURES & BENEFITS

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

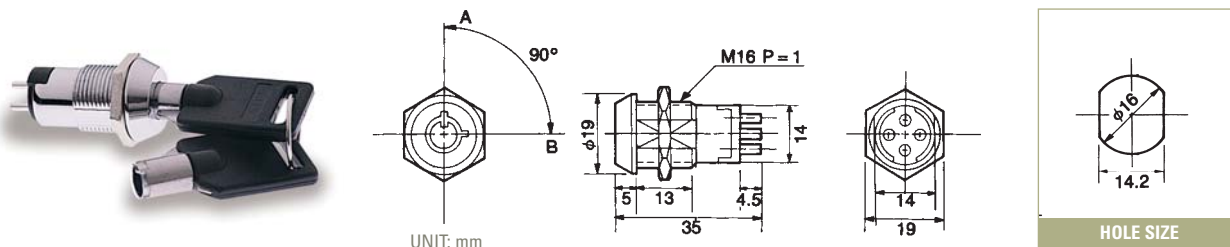
SPECIFICATIONS

| | |
|------------------------|--------------------------------------|
| 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





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

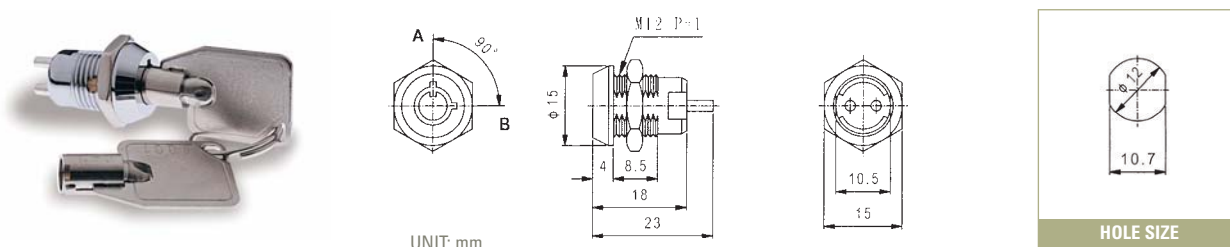
SPECIFICATIONS

| | |
|------------------------|--------------------------------------|
| 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 |  90° indexing | 1-2 | 3-4 | | Pos. 1 |
| KO104B |  90° indexing | 1-2 | 3-4 | | Pos. 1, Pos. 2 |

• = Detent Position ◉ = Keypull Possible ▼ = Momentary

KO 105





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 |

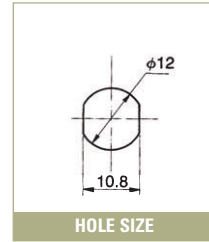
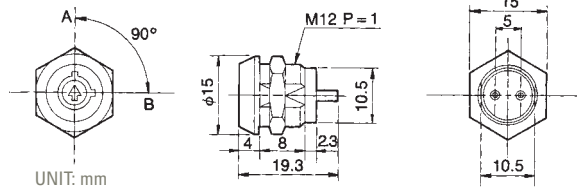
| Part Number | Lock Configuration (as viewed from key end) | Connected Terminals | | | Key Pull Possible |
|-------------|--|---------------------|--------|--------|-------------------|
| | | Pos. 1 | Pos. 2 | Pos. 3 | |
| KO105A |  90° indexing | OFF | 1-2 | | Pos. 1, Pos. 2 |
| KO105B |  90° indexing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

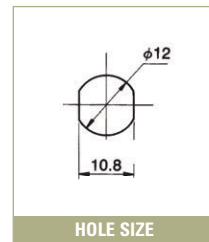
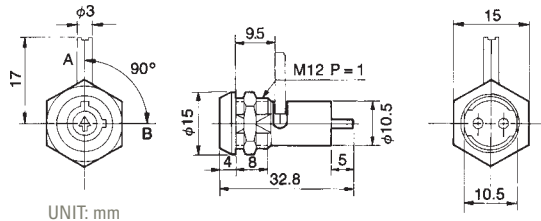
SPECIFICATIONS

| | |
|------------------------|--------------------------------------|
| 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

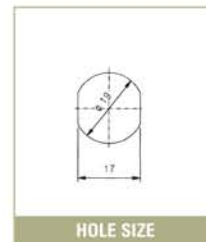
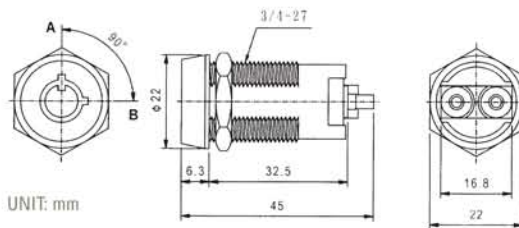
SPECIFICATIONS

| | |
|------------------------|--------------------------------------|
| 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



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

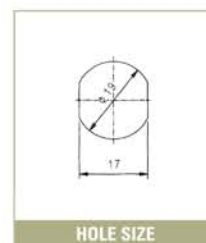
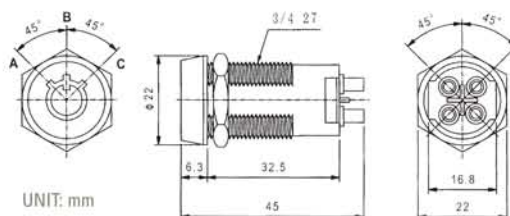
SPECIFICATIONS

| | |
|------------------------|--------------------------------------|
| 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 | |
| KO113A | ⊙, 90° indexing | OFF | 1-2 | | Pos. 1 |
| KO113B | ⊙, 90° indexing | OFF | 1-2 | | Pos. 1, Pos. 2 |
| KO113C | ⊙, 90° indexing | OFF | 1-2 | | Pos. 1 |

• = Detent Position ⊙ = Keypull Possible ▼ = Momentary

KO 114



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 | |
| KO114A | ⊙, 45°-45° indexing | 1-3 | OFF | 2-4 | Pos. 1, Pos. 2, Pos. 3 |
| KO114B | ⊙, 45°-90° indexing | OFF | 1-3 | 2-4 | Pos. 1, Pos. 2, Pos. 3 |
| KO114C | ⊙, 90° indexing | 1-3 | 2-4 | | Pos. 1, Pos. 2 |
| KO114D | ⊙, 45° indexing | OFF | 1-3, 2-4 | | Pos. 1, Pos. 2 |

• = Detent Position ⊙ = Keypull Possible ▼ = Momentary

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KEYLOCK SWITCHES

TACT SWITCHES

NAVIGATION SWITCHES

PUSHBUTTON SWITCHES

TOGGLE SWITCHES

ROCKER SWITCHES

SLIDE SWITCHES

SNAP-ACTION SWITCHES

DIP SWITCHES

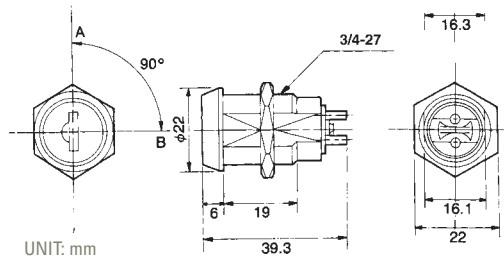
KEYLOCK SWITCHES

ROTARY SWITCHES

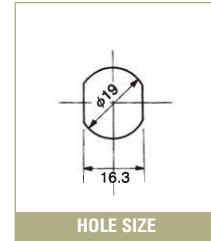
DETECTOR SWITCHES

CAP OPTIONS

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

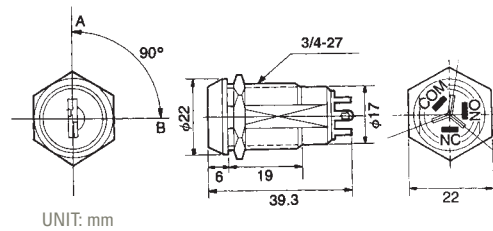
SPECIFICATIONS

| | |
|------------------------|--------------------------------------|
| 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 | |
| KO117A | $\overset{1}{\odot} \text{---} \underset{2}{\ominus}$ 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

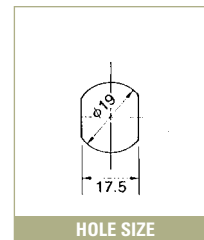
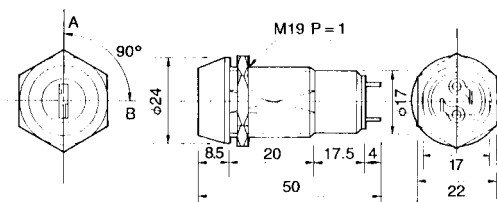
SPECIFICATIONS

| | |
|------------------------|--------------------------------------|
| 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 | |
| KO118A | $\overset{1}{\odot} \text{---} \underset{2}{\ominus}$ 90° indexing | 1-2 | 3-4 | | Pos. 1, Pos. 2 |

• = Detent Position ◯ = Keypull Possible ▼ = Momentary

KO 119






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

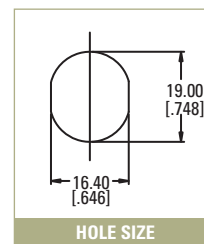
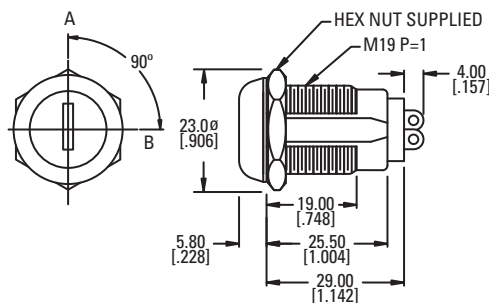
SPECIFICATIONS

| | |
|------------------------|--------------------------------------|
| 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 |  90° indexing | OFF | 1-2 | | Pos. 1 |
| KO119B |  90° indexing | OFF | 1-2 | | Pos. 1, Pos. 2 |
| KO119C |  90° indexing | OFF | 1-2 | | Pos. 1 |

• = Detent Position ⊙ = Keypull Possible ▼ = Momentary

KO 121




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 |

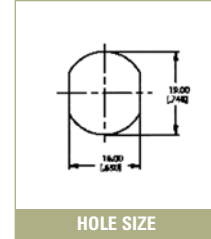
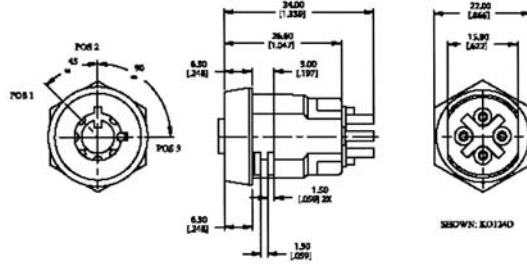
| Part Number | Lock Configuration (as viewed from key end) | Connected Terminals | | | Key Pull Possible |
|-------------|--|---------------------|--------|--------|-------------------|
| | | Pos. 1 | Pos. 2 | Pos. 3 | |
| KO121A |  90° indexing | OFF | 1-2 | | Pos. 1, Pos. 2 |

• = Detent Position ⊙ = Keypull Possible ▼ = Momentary

SERIES KO SWITCHES

KEYLOCK SWITCHES

KO 124



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

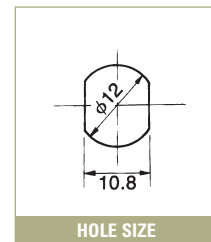
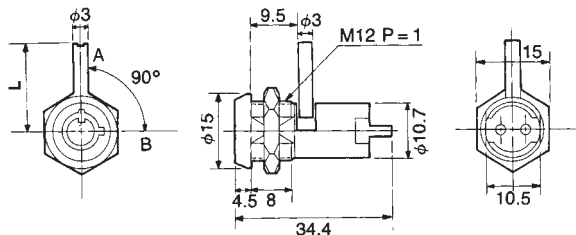
SPECIFICATIONS

| | |
|------------------------|--------------------------------------|
| 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



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

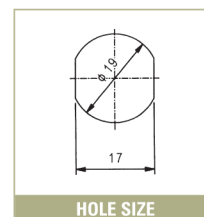
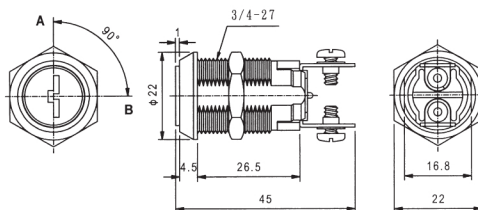
SPECIFICATIONS

| | |
|------------------------|--------------------------------------|
| 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

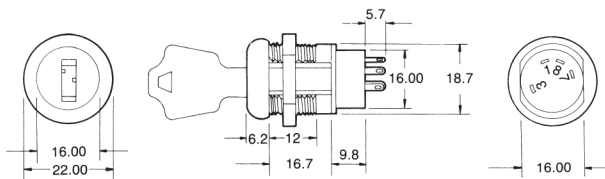
SPECIFICATIONS

| | |
|------------------------|--------------------------------------|
| 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 |

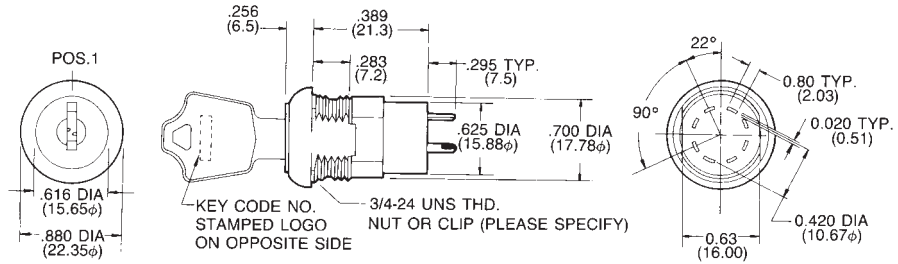
| Part Number | Lock Configuration (as viewed from key end) | Connected Terminals | | | | | Key Pull Possible |
|-------------|--|---------------------|----------|----------|----------|--------|-------------------|
| | | Pos. 1 | Pos. 2 | Pos. 3 | Pos. 4 | Pos. 5 | |
| KO129A (SP) | 45°-90° indexing | | 7-8 | 8-1 | | 1-3 | Pos. 3, Pos. 5 |
| KO129B (SP) | 90°-45° indexing | 7-1 | 1-2 | 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

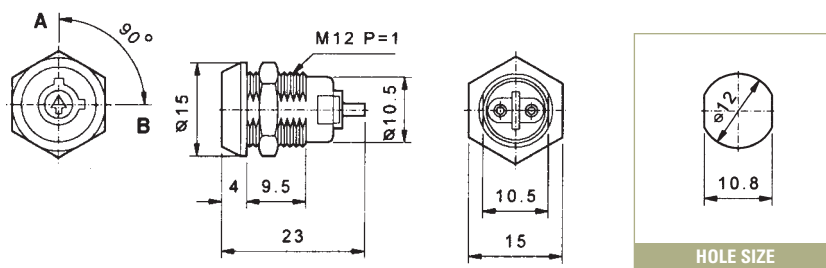
| | |
|------------------------|--------------------------------------|
| Ratings: | 4A @ 125 VAC 2A @ 250 VAC |
| Contact Resistance: | 20 mΩ max. initial @ 2-4 VDC, 100 mA |
| Insulation Resistance: | 200 MΩ min. |
| Dielectric Strength: | 1,500 V rms @ sea level |

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

| Part Number | Lock Configuration (as viewed from key end) | Connected Terminals | | | | | Key Pull Possible |
|--------------|---|---------------------|----------|----------|----------|----------|------------------------|
| | | Pos. 1 | Pos. 2 | Pos. 3 | Pos. 4 | Pos. 5 | |
| 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 | |
| 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 | |
| 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 | |
| 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 | | |
| 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 | | |
| 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 | |
| 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 | |
| KO130O (DP) | 90° indexing | | | 8-1, 4-5 | | 1-3, 5-7 | Pos. 3 |
| KO130P (SP) | 90° indexing | | | 8-1 | | 1-3 | |
| KO130Q (DP) | 90° indexing | | | 8-1, 4-5 | | 1-3, 5-7 | Pos. 5 |
| KO130R (SP) | 90° indexing | | | 8-1 | | 1-3 | |
| 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 | |
| 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 | |
| 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 | |
| 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 | |
| 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 | |

• = 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

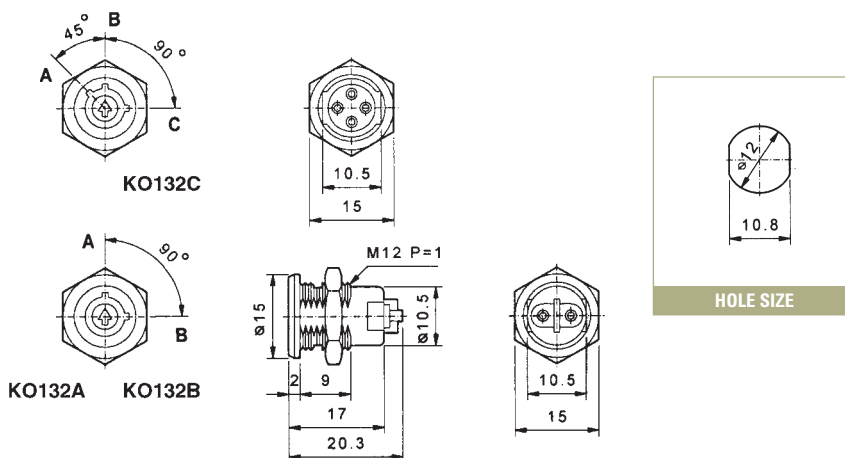
SPECIFICATIONS

| | |
|------------------------|--------------------------------------|
| 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 |

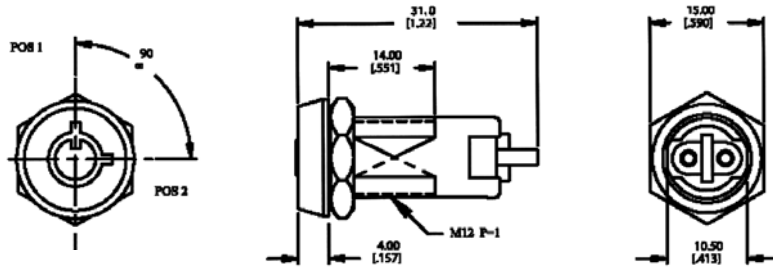
| Part Number | Lock Configuration (as viewed from key end) | Connected Terminals | | | | Key Pull Possible |
|-------------|--|---------------------|--------|--------|--------|------------------------|
| | | Pos. 1 | Pos. 2 | Pos. 3 | Pos. 4 | |
| KO132A | 90° indexing | | OFF | 1-2 | | Pos. 1, Pos.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

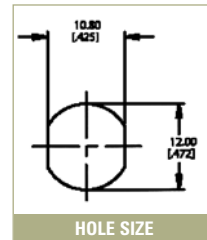
SERIES KO SWITCHES

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

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

SERIES KO SWITCHES

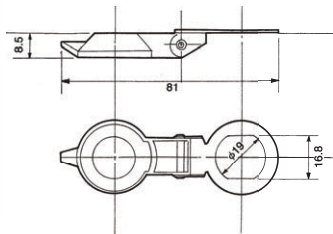
KEYLOCK COVERS



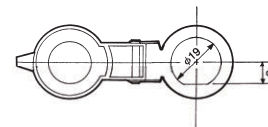
E-SWITCH®

KOM

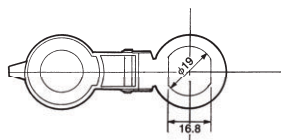
1 DIE CAST ZINC



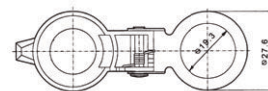
3 DIE CAST ZINC



2 DIE CAST ZINC

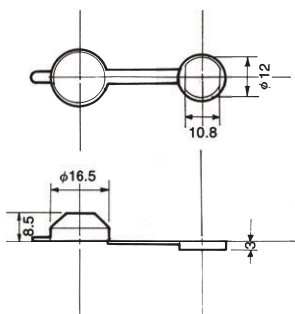


4 DIE CAST ZINC

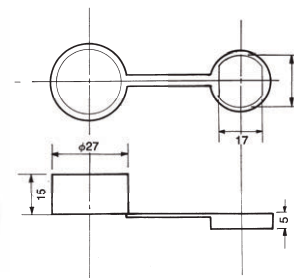


KOC

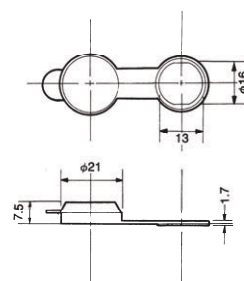
1 RUBBER



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 SWITCHES

NAVIGATION SWITCHES

PUSHBUTTON SWITCHES

TOGGLE SWITCHES

ROCKER SWITCHES

SLIDE SWITCHES

SNAP-ACTION SWITCHES

DIP SWITCHES

KEYLOCK SWITCHES

ROTARY SWITCHES

DETECTOR SWITCHES

CAP OPTIONS

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[01B09N](#) [58J8A36-01C03N](#)