

RCI YD30S

Electronic lock parts



Features and benefits:

- Door misalignment correction ability 5 / 16"
- Release under side load of up to 1350 lbf (6,000N)
- Dual voltage 12-24 VDC self-selecting
- Holding force in excess of 2250 lbf
- Fail-safe: releases instantly when power is disconnected
- Fail alarm: may be released upon activation of fire alarm
- Designed for single acting doors
- Perfect for framed and frameless glass doors
- Extremely low power, drawing only 40mA in standby
- Suitable for use on fire doors - UL10C

Applications:



OUTSWING 90°



INSWING 90°

RCI YD30S Lock is a fail-safe / fail-secure, 12-24 VDC self-selecting access control lock. It is designed for single acting doors and can be installed in a horizontal or vertical position.

The **YD30S** is the perfect replacement for a Mag Lock or a Shear Lock and features self-aligning capabilities, the ability to release under side load and comes fully monitored.

Orderable parts

YD30S Item	Part No.	Description
YD30S Lock Kit	YD30S	YD30S access control single door lock and strike kit
YD30S Strike	YD30S223	YD30S access control single door lock 223 strike
YD30S Housing	YD30S224	YD30S access control single door lock housing w/tape
YD30S Dress Plate	YD30S226	YD30S access control single door lock dress plate w/tape
YD30 Wire Loom	YD30SD209	YD30S & YD30D wire loom
YD30 Fitting Tabs	YD30SD208	YD30S & YD30D fitting tab kit
YD30S Sliding Door Strike Spacer	YD30S2216	YD30S sliding door strike spacer
YD30S Sliding Door Dress Plate	YD30S2217	YD30S sliding door dress plate

YD30S Orderable Parts (cont)

Part: YD30S SAP: 78093536	Part: YD30S223 SAP: 78093541	Part:YD30S224 SAP: 78093542	Part: YD30S226 SAP: 78093543
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RCI YD30S Lock Kit Includes: Lock, Strike, Wire Loom, Mounting Template and Hardware	RCI YD30S Strike (same strike shipped with YD30S lock)	RCI YD30S Housing with mounting tape and hardware. (compatible with both the lock and the strike)	RCI YD30S Dress Plate with mounting tape

Part: YD30SD209 SAP: 78093545	Part: YD30SD208 SAP: 78093544	Part:YD30S2216 SAP: 78100799	Part: YD30S2217 SAP: 78100800
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RCI YD30S & YD30D Wire Loom	RCI YD30S & YD30D Fitting Tab Kit	RCI YD30S Sliding Door Strike Spacer	RCI YD30S Sliding Door Dress Plate

Specifications

Door Gap	• 6mm maximum
Holding force	• 2,250 lbf (1,020 kgf) holding force
Sideload (RTE)	• 1,350 lbf (612 kgf)
Endurance	• Cycle tested to 1,000,000 operations
Bolt pin	• 3/8" (10mm) thick, 9/16" (14mm) extension
Alignment correction	• YD30S: Correcting door misalignment of up to 5/16" (8 mm) • YD30D: Correcting door misalignment of up to 5/8" (16mm), ± 5/16" (± 8 mm)
Voltage at lock	• 12-24VDC ±15%
Current usage	• Standby:40mA@12VDC, 25mA@24VDC • Peak: 0.75A@12VDC, 0.4A@24VDC
Monitor switch ratings	• 30VDC max, 100mA max
Materials	• Lock / Strike Plate: Stainless Steel 304. Bolt Pin: Stainless Steel 17-4PH
Compliance & certification	• CE Compliant, RoHS 2 Compliant • FCC Part 15 / IC Compliant • RCM Compliant, UL Listed • EN 15846:2008 Certified • Suitable for use on fire resistant doorsets
Package contents YD30S & YD30D	• Lock with matching strike plate, along with the wire loom, mounting template, and mounting hardware
Dimensions: YD30D	• 10-3/64" x 1-3/16" x 1-27/32" (255 x 30 x 47mm)
Dimensions: YD30S	• 6-19/64" x 1-3/16" x 1-27/32" (160 x 30 x 47mm)
Warranty	• 3 years

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Any questions? We would be happy to advise you.
Contact us at: 1-800-265-6630