

RCI YD30D

Electronic lock parts



Features and benefits:

- Door misalignment correction ability up to 5/8" (16mm), $\pm 5/16"$ ($\pm 8\text{mm}$)
- 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 double 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 180°



INSWING 180°

RCI YD30D Lock is a fail-safe / fail-secure, 12-24 VDC self-selecting access control lock. It is designed for double acting doors and can be installed in a horizontal or vertical position.

The **YD30D** 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

YD30D Item	Part No.	Description
YD30D Lock Kit	YD30D	YD30D access control double door lock and strike kit
YD30D Strike	YD30D233	YD30D access control double door lock 233 strike
YD30D Housing	YD30D234	YD30D access control double door lock housing w/tape
YD30D Dress Plate	YD30D236	YD30D access control double door lock dress plate w/tape
YD30 Wire Loom	YD30SD209	Wire loom (for both YD30S & YD30D)
YD30 Fitting Tabs	YD30SD208	Fitting tab kit (for both YD30S & YD30D)

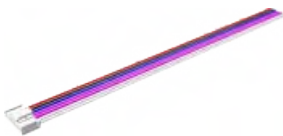
YD30D Orderable Parts (cont)

Part: YD30D SAP: 78093535	Part: YD30D233 SAP: 78093538	Part:YD30D234 SAP: 78093539	Part: YD30D236 SAP: 78093540
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RCI YD30D Lock Kit Includes: Lock, Strike, Wire Loom, Mounting Template and Hardware	RCI YD30D Strike (same strike shipped with YD30D lock kit)	RCI YD30D Housing with mounting tape and hardware. (compatible with both the lock and the strike)	RCI YD30D Dress Plate with mounting tape
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Part: YD30SD209 SAP: 78093545	Part: YD30SD208 SAP: 78093544
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RCI YD30S & YD30D Wire Loom (same wire loom shipped with YD30D lock kit)	RCI YD30S & YD30D Fitting Tab Kit
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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