

RCI YD30D & RCI YD30D-FAILSAFE

Electronic lock parts



Features and benefits:

- Correcting door misalignment of up to 5/8" (16mm), $\pm 5/16"$ (± 8 mm)
- Door will still release under side load force of up to 1,350 lbf (612 kgf)
- Dual voltage 12-24 VDC self selecting
- 2,250 lbf (1,020 kgf) holding force
- Fail-safe: releases instantly when power is disconnected
- Fire 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 @12VDC
- Suitable for use on fire doors - UL10C

Applications



180° swing

The **RCI YD30D** is a 12–24 VDC self-selecting access control lock, available either as a dedicated fail-safe model or with a user-selectable fail-safe/fail-secure configuration switch.

The **RCI 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

Item	Part #	Description
YD30D Lock	YD30D	YD30D Access control lock DBL DR & Strike
YD30D Fail Safe Lock	YD30D-FAILSAFE	YD30D Fail safe access control lock DBL DR & Strike

Accessories

YD30D Strike	YD30D233	YD30D Access control lock DBL DR 233 Strike
YD30D Housing	YD30D234	YD30D Access control lock DBL DR HS Tape
YD30D Dress plate	YD30D236	YD30D Access control lock DBL DR DP Tape
YD30 Fitting tabs	YD30SD208	YD30S & YD30D Fitting tab kit
YD30 Wire loom	YD30SD209	YD30S & YD30D Wire loom



YD30D
RCI YD30D Lock
RCI YD30D-FAILSAFE



YD30D233
RCI YD30D Strike



YD30D234
RCI YD30D Housing



YD30D236
RCI YD30D Dress plate



YD30SD208
RCI YD30 Fitting tab kit



YD30SD209
RCI YD30 Wire loom

Specifications

Door Gap:	<ul style="list-style-type: none">• 6mm maximum
Holding force:	<ul style="list-style-type: none">• 2,250 lbf (1,020 kgf) holding force
Sideload (RTE)	<ul style="list-style-type: none">• 1,350 lbf (612 kgf)
Endurance	<ul style="list-style-type: none">• Cycle tested to 1,000,000 operations
Bolt pin	<ul style="list-style-type: none">• 3/8" (10 mm) / 1/2" (13mm)
Alignment correction	<ul style="list-style-type: none">• 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	<ul style="list-style-type: none">• 12-24VDC ±15%
Current usage	<ul style="list-style-type: none">• Standby:40mA@12VDC, 25mA@24VDC• Peak: 0.75A@12VDC, 0.4A@24VDC
Monitor switch ratings	<ul style="list-style-type: none">• 30VDC max, 100mA max
Materials	<ul style="list-style-type: none">• Lock / Strike Plate: Stainless Steel 304. Bolt Pin: Stainless Steel 17-4PH
Compliance & certification	<ul style="list-style-type: none">• 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	<ul style="list-style-type: none">• Lock with matching strike plate and mounting screws
Dimensions: YD30D	<ul style="list-style-type: none">• 10-3/64" x 1-3/16" x 1-27/32" (255 x 30 x 47mm)
Dimensions: YD30S	<ul style="list-style-type: none">• 6-19/64" x 1-3/16" x 1-27/32" (160 x 30 x 47mm)
Warranty	<ul style="list-style-type: none">• 3 years

© dormakaba 2025 Information on this sheet is intended for general use only. dormakaba reserves the right to alter designs and specifications without notice or obligation.
All trademarks are the property of their respective owners.

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