



YD30 / SL30 Cobalt frequently asked questions

SALES

Where can I use these locks?

Single or double acting high usage pedestrian doors where access control is wanted in a discreet, secure way.

What problems do these locks solve?

Doors that are misaligned or close against a weather seal and doors that have side load causing them to not unlock freely when requested.

What certifications do these locks have?

UL listed, S8 and D8 rated, CE, FCC, RCM and RoHS 2 compliant.

Are these locks fire code compliant?

Yes, UL10C approved for 3hrs, and 30 / 60min timber and composite doors in accordance with EN1634-1.

Where can I purchase a lock in my region?

Yes, sold globally under the dormakaba brand through distribution partners like Wesco, ADI, IML and many local security wholesalers.

Are the locks EN13637 certified?

It is currently undergoing testing.

Do the locks have a DOC Declaration of Conformity for Europe.

Yes, it is accessible [here](#).

Can I get the locks in different colors?

Yes, we offer both the YD30S and YD30D in black (SL30SGL and SL30DBL)

What is the MSRP?

While each market may be slightly different as a guide the YD30S lists for \$800US and the YD30D \$1,200US.

Are these locks like a maglock?

While these locks are often used to replace maglocks, they offer significant benefits. The YD30D allows for swing through doors, something you can't do with a maglock and the YD30S gives the ability to pull the door in tight against a weather seal. They also both have a much higher holding force, that won't deteriorate over time, and use dramatically less power than maglocks.

INSTALLATION

Can I install these products on different door types?

Yes, glass, wood or aluminum doors are all suitable for these locks.

Where does the lock go?

A typical installation is to mortice the lock into the door frame either at the top or on the side of the door, with the strike plate fitted to the door. There are optional surface mount housings that can be utilized when a mortice install isn't preferred.

What does the housing look like? Why would I use two?

A housing is a stainless-steel box that can accommodate the lock or the strike plate and can be screwed or stuck onto a door or door frame. For an installation on a glass door with a glass header, two housings would be used, one for the lock, one for the strike plate. Alternatively a lock can be morticed in the door frame so only one housing would be used and it would accommodate the strike plate.

Can these locks be retrofitted into another lock's cutout?

Yes, there is an Adams Rite 420? and EL490 face and strike plate option available.

Can they work on glass doors?

Absolutely yes.



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MECHANICAL

Is there a mechanical or key override?

Currently there is no manual version.

Do these locks show a fault if broken?

No there is no indicator on the lock to show that it is faulty.

Can someone get their fingers jammed in the lock?

It is unlikely. The maximum door gap is 6mm (1/4") so not possible to fit fingers in.

How do the locks pull in a door?

The bolt pin of the YD30S works on a pivot action and as the door gets close, it rotates out and engages with the strike plate before pushing the plate, and therefore door, into position. The YD30D works in the same manner but does so for double acting doors meaning the door can come in from either direction.

Do the locks release under sideload?

Yes, both locks will release when requested under sideload of up to 6,000N (1,350 lbf) ensuring they will also release when needed.

How many cycles are these locks rated to?

1,000,000 cycles.

What is the IP rating of the locks?

IP53.

What is the holding force of the locks?

10,000N (2,250 lbf).

What is the maximum door gap?

6mm (1/4").

ELECTRICAL

What voltage do the locks operate on?

12 – 24VDC ±15%

How much current do these lock use?

Holding: 40mA@12VDC, 25mA@24VDC. Maximum: 0.75A@12VDC, 0.4A@24VDC.

Do the locks use a positive or negative trigger?

Positive trigger but we offer an accessory that can be used to make it a negative trigger.

Can we have an electrical wiring diagram?

Yes, it accessible [here](#).

Do the locks come with built in monitors?

Yes, both door and bolt position monitors are built in and can be used to integrate into an access control system.

Are these locks fail safe or fail secure?

Both, there is a user selectable switch on the lock.

How do you wire the lock into access control?

A 12 - 24VDC voltage connection with a switched control wire, and clean contact monitor outputs available.