350 / 352 SERIES

Electromagnetic Locks

The BeeControls 350 Series provides approximately 544 kgf of holding force and fail-safe access control for interior and perimeter swing doors. The surface-mounted aluminum housing projects approximately 68.3 mm into the opening for a discreet installation.

Choose model 350 for a single door or model 352 for double doors without a center mullion. Glass-door and top-jamb mounting kits are available to suit the installation.



Features

- Field-selectable 12 / 24 VDC supply.
- Door position status (DPS), bond alert status (BAS) and LED indication as standard.
- Protection against voltage and current spikes.
- Internal wiring chamber with PCB-mounted terminal blocks.
- Wiring can be completed before or after mounting the lock.
- Interlocking quick-mount brackets support the lock during fastening and wiring.
- Captive mounting screws simplify installation.
- Armature housing helps prevent sagging and supports quieter operation.

Door Applications

The 350 model suits single inward- or outward-opening doors. The 352 model suits pairs of inward- or outward-opening doors without a mullion. Applications include hollow metal, aluminum, wood and glass doors and frames, using the appropriate mounting accessories.

System Integration

Designed for interfacing with electronic access control systems, automatic door operators and associated peripheral equipment. Emergency-release arrangements can interface with fire and life-safety systems. DPS and BAS contacts provide door-position and magnetic-bond feedback, while the LED provides a local visual indication.

Retrofit Applications

The source 350 Series is designed to replace existing Locknetics 350+ installations using the same mounting template and physical dimensions. Confirm this retrofit compatibility for the supplied BeeControls OEM version before installation.

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350 / 352

Technical Specifications

Specification	350 / 350V — Single	352 / 352V — Double
Housing / finish	Aluminum / V: 628 dull aluminum	Aluminum / V: 628 dull aluminum
Door configuration	Single swing door	Double swing doors
Approx. holding force	544 kgf (1,200 lbf)	544 kgf (1,200 lbf)
Housing L × H × D	317.5 × 54.0 × 42.9 mm	635.0 × 54.0 × 42.9 mm
Armature L × H × D	257.2 × 50.8 × 22.2 mm	257.2 × 50.8 × 22.2 mm
Approx. weight	4.54 kg	8.62 kg
Operating voltage	12 / 24 VDC ±10% Field selectable	12 / 24 VDC ±10% Field selectable
Approx. current at 24 VDC	0.25–0.37 A	0.49–0.74 A
Approx. current at 12 VDC	0.45–0.67 A	0.82–1.22 A
Door position status DPS	SPDT, 250 mA at 30 VDC Resistive load	SPDT, 250 mA at 30 VDC Resistive load
Bond alert status BAS	SPDT, 1 A at 30 VDC Resistive load	SPDT, 1 A at 30 VDC Resistive load
Projection into opening	Approx. 68.3 mm	Approx. 68.3 mm

Approximate current ranges are calculated using the ±20% tolerance specified for this datasheet.

Installation Accessories

Top jamb kits TJ350 / TJ352



Pull-side mounting on hollow metal openings. TJ350 is for a single lock; TJ352 is for a double lock.

Glass door kits HDB350V / HDB352V



Armature mounting for glass doors without top rails. Adjustable for 9.5, 12.7 or 15.9 mm glass (3/8, 1/2 or 5/8 in). Kit dimensions: 63.5 × 38.1 × 250.8 mm. HDB352V includes two kits.

Ordering Information

Specify model 350 for a single door or 352 for double doors, then finish code V for 628 dull aluminum. Ordering examples: 350V and 352V. Select the mounting kit to suit the door and frame.

Certification Reference

Source-product references: UL 864 — Control Units and Accessories for Fire Alarm Systems; ULC-S527 — Control Units for Fire Alarm Systems; ANSI/BHMA A156.23 Grade 1. The manufacturer must confirm coverage for the BeeControls OEM model.

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