



sargent & greenleaf™



Introducing The First Government Approved 2890C ABR

2890C ABR/ADO SYSTEM

2890C Automatic Bolt Retraction Exit Device

GSA APPROVED ADA ACCESS DESIGN FOR HIGH-SECURITY APPLICATIONS

Built for the nation's highest-security spaces, the Sargent and Greenleaf motorized 2890C Automatic Bolt Retraction solution combines life safety with **Accessible Secure Entry for Individuals with Disabilities**.



MAKE HIGH-SECURITY SPACES ACCESSIBLE FOR INDIVIDUALS WITH DISABILITIES, INCLUDING THOSE REQUIRING WHEELCHAIRS

- **NO-TOUCH ACCESS CONTROL** when the device is connected to short- or long-range badge readers or other RFID-compatible components.
- **AUTOMATIC BOLT RETRACTION** engages when credentials are approved and the combination lock bolt is retracted.
- **MODULAR DESIGN** can be used with panic or lever egress and most automatic door opener.
- **SECURE** automatic bolt retraction function does not undermine security and cannot be used to by-pass the high security combination lock



Secure Entry. Safe Exit.

Built to Federal Specification FF-L-2890C

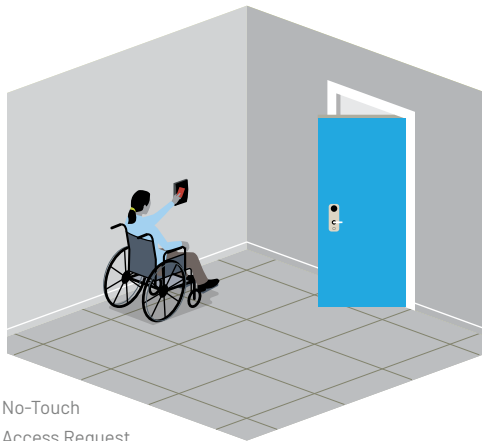
2890C Automatic Bolt Retraction



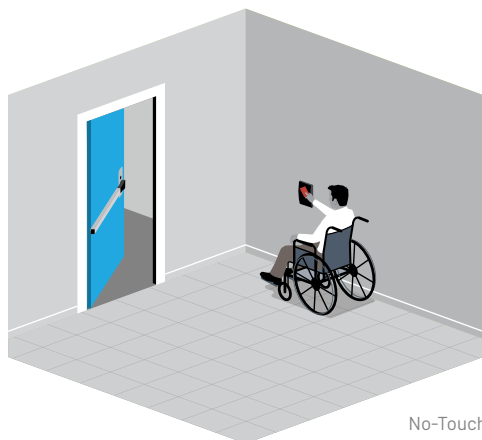
ADA ACCESS DESIGN MEETS THE SARGENT & GREENLEAF PROVEN SECURITY STANDARDS.

Protect sensitive information and the safety of all employees—even those who are disabled—with the Sargent and Greenleaf 2890C Automatic Bolt Retraction exit device.

- Badge in and badge out or use wall mounted switch plates.
- Manual ingress and egress inputs remain functional for those who choose.
- When attached to heavy sound proof doors the ABR plus ADO assist is appreciated by everyone.



No-Touch
Access Request
via RFD Access Control



No-Touch
Exit Request
via RFD Access Control

SPECIFICATIONS

CERTIFICATIONS AND TESTING

- ANSI/BHMA A156.2 Grade 1
- ANSI/BHMA A156.3 Grade 1
- ANSI/BHMA A 156.36 Grade 1
- UL 10B Certified
- UL 10C Certified
- NFPA 101 Life Safety Compliant
- 3-Hour Fire Rating
- UL 305 Panic Hardware Compliant
- Tested to MIL-STD-810
- Panic Bar Tested to 500K Cycles
- Lever Handle Tested to 1M Cycles
- Case/Latch Tested to 1200 lbs
- Tested to 350 lbs Latch Bolt End Pressure

SIZES AND SPECIFICATIONS

- 14" Activation Pad Width, 31-1/2" Unit Width
- 20" Activation Pad Width, 37-1/2" Unit Width
- Lock Bolt Throw: 5/8"
- Standard Door Thickness: 1 3/8" – 2"
- Max Door Thickness (with Thick Door Kit): 3.5"
- Door Types: Single, Double, Inswing, Outswing
- Door Materials: Hollow Metal, Wood, Metal Frame, Wood Frame, Acoustical (may require special brackets)
- Handing: Right or Left, Interchangeable

MATERIALS

- Bolt: Stainless Steel
- Housings: Aluminum, Zinc, and Stainless Steel
- Mechanism: Stainless Steel
- Strike: Stainless Steel with Roller Bearing

POWER REQUIREMENTS

- Supply Voltage: 24VDC
- Access control: Power 24VDC 300 mA, Holding Current 170 mA
- Bolt Retraction Power: 24VDC @ 1 A, Holding Current 250 mA

ENVIRONMENTAL SPECIFICATIONS

- Operating Range: 10°F - 150°F
- 10-98% RH

LOCK COMPATIBILITY

- S&G 2740B
- Kaba X-10
- S&G Titan Direct Drive (Model 2007)
- S&G Audit Lock 2.0 (Model 3007)
- S&G Model 6125
- S&G A-Series (Model 6129)
- S&G Model 8560-108
- Other Square Bolt Locks

OPTIONAL SUPPORTING HARDWARE

- Alarm Integration Kit
- Alarm Integration Kit with Dial Rotation Detection
- Exit Only Panic Bar

