

S&G 2890B

S&G 2890B, built to Federal Specification FF-L-2890B, is an integrated door lock designed to meet both security and life safety demands of highly sensitive SCIF environments.



CASE & LATCH BOLT STRENGTH TESTING

1200 lbs In Two Directions (Inswing / Outswing)
 350 lb Latch bolt end Pressure

VIBRATION & MOISTURE ABSORPTION TEST

Tested to MIL-STD-810

MEETS ADA/LIFE SAFETY/UL SPECIFICATION

UL 305 Panic Hardware
 Compliant to ADA 2010 where applicable
 ANSI/BHMA A156.2 - Grade 1
 ANSI/BHMA A156.3 - Grade 1
 ANSI/BHMA A156.36 - Grade 1
 Intuitive single motion egress on all models at all times

ACCESS CONTROL

Unit allows Badge-in / Badge-out (with alarm module allows audit of daily use)
 Key bypass may be used with all access control models

MATERIALS

Bolt - Stainless steel
 Housings - Aluminium, Zinc, and Stainless Steel
 Mechanism parts - stainless steel
 Strike Stainless Steel with Roller Bearing

LOCK BOLT THROW

5/8"

DOOR THICKNESS

Standard 1-3/8" - 2"
 Max Door Thickness with Thick Door Kit 3.5"

DOOR TYPES

Single / Double
 Inswing / Outswing
 Hollow Metal / Wood / Metal or Wood Frame
 Acoustical Doors / With Seal May require special brackets

HANDING

Right - Left interchangeable

ACCESS CONTROL

Supply Voaltage 12 - 24
 12V - Inrush 500Ma - Holding Current 250Ma
 24V - Inrush 300Ma - Holding Current 170Ma

ENVIRONMENTAL

Operating Range -10F to 158F
 10 - 98% RH

WEIGHT

With Lever Handle ~ 29lbs
 With Panic Bar ~ 38lbs

LOCK COMPATABILITY

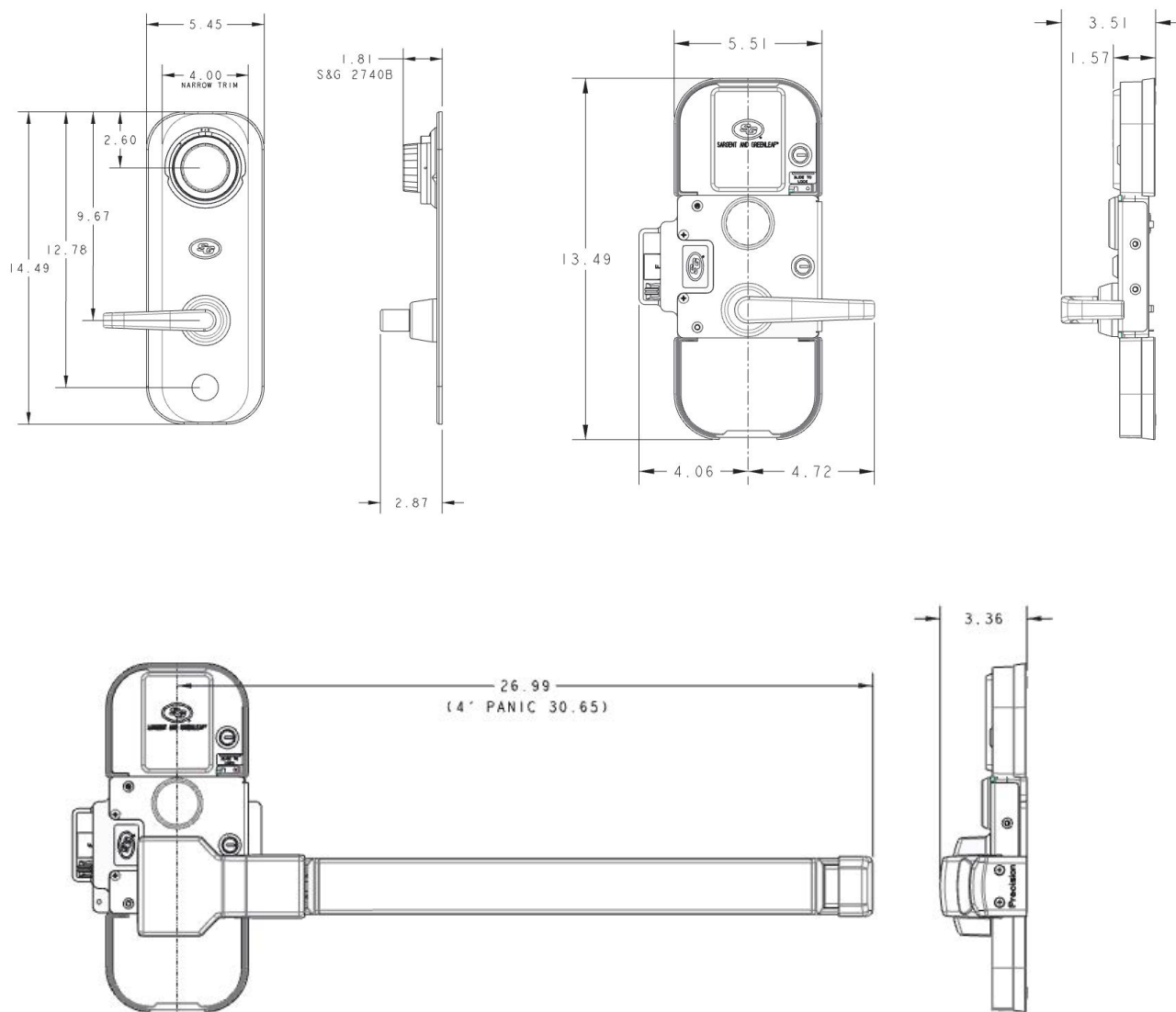
S&G 2740B (FF-L-2890B compliant)
 Kaba X-10 (FF-L-2890B compliant)
 S&G Titan Direct Drive (Model 2007)
 S&G Audit Lock 2.0 (Model 3007)
 S&G Model 6125
 S&G A-Series (Model 6129)
 S&G Model 8560-108
 Other square bolt locks (non FF-L-2890B compliant)

PERFORMANCE CERTIFICATIONS

UL 10B
 UL 10C
 NFPA 101 Life Safety
 3 hr rating
 Panic Bar 500K cycles
 Lever Handle 1M cycles

S&G® 2890B

Lock Specifications



SUPPORTING HARDWARE (OPTIONAL):

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

PART NUMBERS:

2890-640
 2890-641
 2890-630

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