

Manual

Assa Abloy: Sargent Manufacturing and Corbin Russwin Factory Installation Instructions

Factory Installation Instructions for Reader assemblies with Bluetooth. Model: BLE9118K.

1 Warning

Changes or modifications to this device not expressly approved by ASSA ABLOY could void the user's authority to operate the equipment.

FCC:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Industry Canada:

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

Conformément à la réglementation d'Industrie Canada, le présent émetteur radio peut fonctionner avec une antenne d'un type et d'un gain maximal (ou inférieur) approuvé pour l'émetteur par Industrie Canada. Dans le but de réduire les risques de brouillage radioélectrique à l'intention des autres utilisateurs, il faut choisir le type d'antenne et son gain de sorte que la puissance isotrope rayonnée équivalente (p.i.r.e.) ne dépasse pas l'intensité nécessaire à l'établissement d'une communication satisfaisante.

General Regulatory Compliance:

This device contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's license-exempt RSS(s). This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Cet appareil contient des émetteurs/récepteurs exemptés de licence conformes aux RSS d'Innovation, Sciences et Développement économique Canada. Cet appareil est conforme à la section 15 de la réglementation de la FCC.

L'opération est soumise aux deux conditions suivantes: (1) ce dispositif peut ne pas causer l'interférence nocive, et (2) ce dispositif doit accepter n'importe quelle interférence reçue, y compris l'interférence qui peut causer l'opération peu désirée.

This equipment complies with FCC and IC radiation exposure limits set forth for general population (uncontrolled environment). This device must not be co-located or operating in conjunction with any other antenna or transmitter.

Cet équipement est conforme aux limites d'exposition aux radiations de la FCC et IC définies pour la population générale (environnement non contrôlé). Cet appareil ne doit pas être co-localisé ou fonctionner en conjonction avec une autre antenne ou un autre émetteur.



This product can expose you to lead which is known to the state of California to cause cancer and birth defects or other reproductive harm. For more information go to: www.P65warnings.ca.gov.

Ce produit peut vous exposer au plomb qui, dans l'état de la California, est reconnu pour causer le cancer, des anomalies congénitales ou d'autres problèmes de reproduction.

Pour plus d'informations, visitez: www.P65warnings.ca.gov.



Any retrofit or other field modification to a fire rated opening can potentially impact the fire rating of the opening, and SARGENT Manufacturing makes no representations or warranties concerning what such impact may be in any specific situation. When retrofitting any portion of an existing fire rated opening, or specifying and installing a new fire-rated opening, please consult with a code specialist or local code official (Authority Having Jurisdiction) to ensure compliance with all applicable codes and ratings.



To avoid possible damage from electrostatic discharge (ESD), some basic precautions should be used when handling electronic components:

- Minimize build-up of static by touching and/or maintaining contact with unpainted metal surfaces such as door hinges, latches, and mounting plates especially when mounting electronic components such as readers and controllers onto the door.
- Leave components (reader and controller) protected in their respective anti-static bags until ready for installation
- Do not touch pins, leads or solder connections on the circuit boards

Assembly Drawings and Instructions:

52-4964TAB

Model BLE9118K is Sargent assembly P/N 52-4965 and Corbin Russwin assembly P/N 851P979

Factory Configuration Instructions:

Model BLE9118K shall be programmed at the manufacturing facility with firmware.

Field Configuration Instructions:**BLE9118K LF (125kHz) and HF (13.56MHz).**

LF and HF may only be field configured by a certified technician with the Assa Abloy LCT (Lock Configuration Tool) for card credential type, and either ultra-low power mode or normal power mode.

BLE9118K Bluetooth

Bluetooth is not part of the BLE9118K certification, BLE for this model uses a certified Supra Direct Key Module.

ITEM

DRAWING NO.

PART NO.

DESCRIPTION

LARGEST P/N: 52-4964 52-4963

CORBIN SUBSISTN P/N: 851P99 851P97

CATALOG STRINGS

HID BLE KEYPAD & PROXIMITY READER

HID BLE KEYPAD & PROXIMITY READER

HID BLE KEYPAD & PROXIMITY READER

1

52-1830TAB

52-1830

READER FRONT COVER - KEYPAD, BLACK

1

1

2

52-1830TAB

52-1830

HIGH FREQUENCY ANTENNA AND ISO SHIELD ASSEMBLY

1

1

3

52-1830TAB

52-1830

KEYPAD KEYS - BLACK

1

1

4

52-1830TAB

52-1830

KEYPAD BODY

1

1

5

52-1830TAB

52-1830

LOW FREQUENCY ANTENNA COIL

1

1

6

52-1830TAB

52-1830

HID BLE BLUE/DOOR (LOW ENERGY) ANTENNA ASSEMBLY

1

1

7

52-1830TAB

52-1830

ANTENNA HOLDER

1

1

8

52-1830TAB

52-1830

SNAP DOME ARRAY

1

1

9

52-1830TAB

52-1830

CREDENTIAL CONTROLLER PCB ASSEMBLY - PIN MID BLUE/DOOR

1

1

10

52-1830TAB

52-1830

CREDENTIAL CONTROLLER PCB ASSEMBLY - PIN BLUE DIAMOND

1

1

11

52-1830TAB

52-1830

HIGH FREQUENCY ANTENNA STACK CONNECTOR

1

1

12

52-1830TAB

52-1830

HID KEY READER MODULE

1

1

13

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52-1830

READER BACK COVER

1

1

14

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52-1830

PCB FCC LABEL - HID

1

1

15

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52-1830

PCB FCC LABEL - BLUE/DIAMOND

1

1

16

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52-1830

QR CODE LABEL

1

1

17

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52-1830

ANTI-STATIC BAG (NOT SHOWN)

1

1

52-4964 / 851P99 SHOWN

(HID BLE, KEYPAD, & PROXIMITY READER)

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

NOTES:

1. KEYPAD CHARACTERISTICS:
1. (CONTACT TOUCH FORCE: 90 grams (0.40 SHAP)) REFERENCE
INITIAL KEY CONTACT RESISTANCE 3 TO 1 (340 grams) FORCE 200 ohms MAX
KEY CYCLE LIFE TO REACH 3 MILLION CYCLES (3 TO 1 (340 grams) FORCE) MAX CONTACT RESISTANCE 400 ohms.
2. FOR SUGGESTED MODULE ASSEMBLY REFERENCE STEPS & NOTES, REFER TO SHEET 2.
3. PLACE FULLY ASSEMBLED READER IN ANTI-STATIC BAG (15).
4. APPLY MODULE LABEL (16) TO BAG (15). SEE LABEL DRAWING FOR APPROPRIATE LABEL INFORMATION.
5. ASSEMBLY TO BE RUSH COMPLIANT.
6. ALL DRAWING REQUIREMENTS SHALL BE AUDITED FOR COMPLIANCE. ITEMS IDENTIFIED AS KEY OR CRITICAL CHARACTERISTICS SHALL REQUIRE ADDITIONAL INSPECTION UNDER AN ONGOING LOT CONTROL PLAN.

DESCRIPTION

REQUIREMENT

REASON

ALL KEYS

MEET KEYPAD CHARACTERISTICS

KEYPAD FUNCTIONALITY & DURABILITY

READER LABEL & FCC LABEL

VISIBLE WITH CORRECT INFORMATION

ENSURES CORRECT WARRANTY INFORMATION

MODULE LABEL

APPLIED ON BAG WITH CORRECT INFORMATION

PRODUCT INFORMATION NEEDED FROM LABEL

IN KEYPAD READER MODULE ASSEMBLY

MORTISE LOCK

ASSA ABLOY

Sargent & Grylone Corporation

New Haven, CT

DATE: 04/26/2018

BY: REL

REVISION: 1.1

REV: 6

Approved 2019-07-30

CONFIRMATION: Default

LEGACY ID: 52-4964TAB

SHEET 1 OF 2

