

Maintenance Department Report for February 2010

I. MANAGER ACTIVITIES

A. Accomplishments

1. Working with Chris Coughlin from HRLC Architects on the Transition Center kitchen at the Skill Center.
2. Working with Gray Bar, Hite Electrical Co's and the Electrical Engineering class on a lighting study for our buildings.
3. Held a Auction with Tim Rocco on February 20th, 2010
4. Communicated with the following Contractors/Vendors:

- Hite Co.	- R.E North Co.
- Grainger	- Janitors Supply Co.
- Muller Locksmith	- GrayBar
- Verizon wireless	- Doritex
- Lowe's	- Simplex

B. Meetings Attended

1. Weekly Administrative meetings.
2. Safety Committee and Wellness Committee Meeting.

II. MAINTENANCE

A. Accomplishments & Ongoing Projects

1. Performed preventive maintenance on selected HVAC system.
2. Removed snow from drives and walks at the High School/ Skill Center.
3. Worked on set up for Auction.
4. Completed routine Maintenance request at our High School and Skill Center.

II. CUSTODIAL

A. Accomplishments

1. Routine cleaning of the facility.

III. FACILITY USE REQUESTS

1. Bob Craft-Alt Ed Parent Dinner in the Eagles nest, Tuesday, March 23, 2010 3:30 PM-8:00 PM.
2. Erie Family Center to use Skill Center- 3 classrooms, every Monday effective 1/25/2010 until 3/15/2010 from 5:00 PM to 7:00 PM.

IV. SAFETY

1. Safety inspections of the classrooms and labs.
2. Working with Pat Kalinowski on our log of the MSDS.
3. Held Tornado drills for the High School and Skill Center with Joe Tarasovitch.



220 West Kensinger Dr
Suite 400
Cranberry Township, PA 16066-6415
(724) 741-3400
FAX: (724) 772-2667
www.simplexgrinnell.com

SimplexGrinnell Quotation

TO:
Erie County Vo Tech School
8500 Oliver Rd
Erie, PA 16509-4699
Attn: Steve Sceiford
(814) 464-8615 EXT(____) Fax:

Project: Kantech Two Door System
Customer Reference:
SimplexGrinnell Reference: 546424175
Date: 11/04/2009
Page 1 of 4

SimplexGrinnell is pleased to offer for your consideration this quotation for the above project.

QUANTITY	MODEL NUMBER	DESCRIPTION
Kantech Two Door System		
Kantech Two Door System		
1	SK-SE302	KIT SE; KT-300; P225XSF
2	DS-4114-08	ELECTRIC DOOR STRIKE 24VDC
2	DS150I	REQUEST TO EXIT SNSR GRAY- RO
2	1045W-G	INDSURF MNT/CLSD LOOP/WIDE GRY
8	TECH LAB	TECHNICAL LABOR

Total net selling price, FOB shipping point, \$2,390.00

Comments

This quotation for the Kantech Two Door Access Control System includes:

1. EntraPass Special Edition Software (CD-ROM)
2. KT-300/128k door controller
3. (2) ioProxP225XF readers
4. UAB- 485 converter
5. 16 VAC 40VA transformer
6. (5) ioProx Keytags
7. (2) Form C Relays
8. (2) Request To Exit Detectors
9. (2) Surface mount door contacts
10. Initial Programming and training

This system does not include cabling or installation of devices.



Access Control Starter and Expansion Kits

Features That Make a Difference:

- Everything you need to install or expand a complete access control system
- A comprehensive solution for growing businesses
- Easy to install and easy to use
- Expand your access control system in 2-door increments using the Access Control Expansion Kit
- Compatible with EntraPass Special Edition, Corporate Edition, and Global Edition

Kantech™ Access Control Starter and Expansion Kits offer a comprehensive solution for growing businesses that are seeking an easy-to-use and highly reliable access control system.

The all-inclusive Starter Kit provides everything needed to create a complete access control system. From the powerful EntraPass software and KT-300 door controller to all of the peripherals in between, the Starter Kit makes sure nothing is left to chance.

Similarly, the Expansion Kit includes everything required to expand an existing system. In 2-door increments, the Expansion Kit keeps up with even the fastest growing business.

EntraPass Special Edition Software

Included in the Starter Kit, EntraPass Special Edition software is an expandable single workstation solution that is easy to use. System features include:

- Up to 128 readers
- Unlimited card capacity
- Express setup
- Interactive floor plans
- Vocabulary editor
- Concurrent operator languages
- Emailing reports capability
- Remote site management
- Configurable desktops
- Alarm system integration
- Integrated badging
- Automated system backup

KT-300 Door Controller

The KT-300 is a powerful and scalable door controller that manages 2 doors or can be easily linked to a network controlling thousands of doors. Additionally, KT-300 supports expansion modules to add inputs, outputs, and an LCD time display for time and attendance functions.

ioProx Readers

The Kits include two P225XSF ioProx readers that are attractive, compact, and vandal resistant. Each reader is also encapsulated in epoxy potting which protects them from the elements. The innovative 'snap-and-lock' terminal blocks allow for easy wiring saving time and money. The extended Secure Format (XSF) increases security and protects against card duplication. Each reader is outfitted with an integrated piezo buzzer and bicolor LED and has a read range of up to 16.5 cm (6.5 in).

ioProx Keytags

The Starter Kit contains five P40KEY keytags that are small enough to fit on a key chain and are resistant to cracking and breaking.

USB-485 Converter

The USB-485 protocol converter converts USB to RS-485 and extends communication up to 1,200 m (4,000 ft). The converter uses an unshielded and twisted communication cable and is powered by a USB port.

EntraPass Special Edition

Cards	Unlimited
Number of Cards Per Controller in Standalone Mode	8,000
Card Families or Site Code	Unlimited
Number of Sites	Up to 64 (max. 64 controllers)
Door Controllers Per Site	32
Monitored Points (Input)	512 per site
Card User Access Levels	250 per site

KT-300 Door Controller

Input Power	16 VAC, 40 VA, class 2 transformer
Battery Backup	1 battery 12 V, 7 AH, supervised, provides operation for up to 12 hours
Dimensions (H x W x D)	29.9 x 28.8 x 7.7 cm (11.75 x 11.375 x 3 in)
Operating Temperatures	From 2°C to 40°C (35°F to 110°F)
Reader Types	Wiegand, proximity, bar code, magnetic, integrated keypad, and others
Monitored Points (Inputs)	8 monitored points, NO/NC, with or without end-of-line resistors (expandable to 16)
Door Strike Power	12 VDC, 250 mA each, supervised
Auxiliary Power Output	12 VDC @ 125 mA max., protected and supervised

P225XSF ioProx Readers

Typical Read Range	Up to 16.5 cm (6.5 in)
Input Voltage	4.5 to 14 VDC
Current DC Maximum	45 mA
Dimensions (H x W x D)	114.3 x 44.5 x 21.3 mm (4.5 x 1.75 x 0.84 in)
Weight	90.7 g (3.2 oz)
Color	Black
Transmit Frequency	125 KHz
Operating Temperature	-35°C to 65°C (-30°F to 150°F)
Format	XSF

Ordering Information

SK-SE302¹

Starter Kit Includes: EntraPass Special Edition software CD-ROM, KT-300/128K controller (1), ioProx P225XSF readers (2), USB-485 converter (1), TR1640P/UL transformer (1), 12 volt, 7 amp battery (1), KT-RM1 relay (2), and ioProx P40KEY keytags (5). (US only)

EK-302¹

2-Door Expansion Kit Includes: KT-300/128K controller (1), ioProx P225XSF readers (2), TR1640P/UL transformer (1), 12 volt, 7 amp battery (1), and KT-RM1 relay (2). (US only)

(1) For Canadian customers, please add suffix "CDN" to part number to receive the CSA compliant transformer (SK-SE302CDN or EK-302CDN).

Product offerings and specifications are subject to change without notice. Actual products may vary from photos. Not all products include all features. Availability varies by region; contact your sales representative. Certain product names mentioned herein may be trade names and/or registered trademarks of other companies.

© 2007 Tyco Safety Products, Canada, Ltd. All rights reserved. K10067 DS-200710-R01-LT-EN



ERIE, PA OFFICE
2002 West 16th Street
Erie, Pennsylvania 16505
Phone (814) 455-4799
Fax (814) 454-0275
www.builders-hardware.net

QUOTATION Page 1 of 2

1/22/2010

ERIE COUNTY TECHNICAL SCHOOL
ATTN: STEVE SCEIFORD

Project Name: ACCESS CONTROL

Builders' Hardware Quote:

TYPE OF PRODUCTS: ACCESS CONTROL SYSTEM INSTALLED

QUOTATION AMOUNT: \$6,742.00 **Tax Exempt** (see application notes page 2)

ACCOUNT MANAGER: RICHARD MILLER

QTY / PRODUCT DESCRIPTIONS

PRICE TO SUPPLY AND INSTALL A WEB BASED ACCESS CONTROL SYSTEM FOR TWO EXTERIOR DOORS. THIS SYSTEM IS EXPANDABLE TO 32 DOORS WITH CONTROLLER SUPPLIED. SYSTEM DOES NOT REQUIRE ANY SPECIAL SOFTWARE INSTALLATION OR DEDICATED PC.

ANY COMPUTER RUNNING A STANDARD WEB BROWSER CAN BE USED.

PRICE INCLUDES TWO PROX FOB READERS AND INTERFACES.

15 PROX FOBS ARE INCLUDED.

CUSTOMER TO PROVIDE 120 VAC POWER TO CENTRAL POWER SUPPLY.

CUSTOMER TO PROVIDE NETWORK CONNECTIONS.

THIS IS SCHLAGES' "BRIGHT BLUE" SYSTEM. CATALOG INFORMATION ATTACHED TO THIS QUOTE.

TERMS AND CONDITIONS

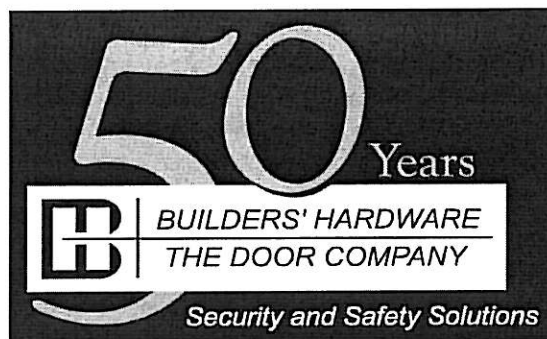
We trust our quotation meets with your approval and that we may be able to supply the items required.

1. Customer's order is subject to Seller's Credit Department approval.
2. The prices and terms of this quotation are not subject to modification or change unless approved in writing by the Seller.
3. Only the Plans, the section of the Specifications, and the addendums specifically set forth above are included in and applicable to this order.
4. There will be no retention withheld by the Customer.
5. Payment terms are net 30 days for credit-approved accounts. In the absence of prior to approved credit, we will require pre-payment. We reserve the right to hold orders in arrears without any liability.
6. Accounts past due shall bear interest at the rate of 1 ½% per month.
7. No liability shall result from delays in performance, directly or indirectly caused by fire, explosion, accidents, flood, labor trouble, strikes, or shortages, war, inability to obtain suitable material, equipment, fuel, power, or transportation, an act of God or any other cause beyond the Seller's control.
8. Back charges will not be allowed without Seller's written approval.
9. Seller is NOT responsible for materials damaged, lost, or delayed in transit, and replacement or repair of such material shall be at Buyer's expense.
10. F.O.B. Origin – Freight prepaid.
11. Sales Tax is NOT included in our price, unless specifically stated above.

COMPANY NAME:

(AUTHORIZED SIGNATURE)

(PRINTED NAME AND TITLE)





Model SXF1500

Multi-Technology Reader Series

Overview

The SXF series of readers are the most flexible readers in the industry. Finally, one reader handles all applicable ISO standards (14443 and 15693). All SXF Multi-technology readers contain both 125 kHz proximity and 13.56 MHz contactless smart card capability in one unit.

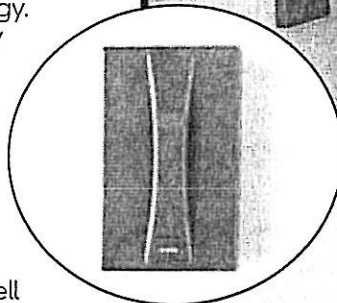
SXF Multi-technology readers provide compatibility with HID® proximity, GE/CASI ProxLite®, XceedID proximity, and most 13.56 MHz technologies (see standards and technologies supported on back).

Offering 125 kHz and 13.56 MHz technology in one reader, we protect our customers from obsolescence in the transition from proximity technology to contactless smart card technology. Even if customers want to continue using proximity technology today, the new SXF readers offer economical migration to the latest in smart card technology on their budget or timeline.

Product Application

Designed for universal mounting, the SXF1500 Wall Mount reader mounts on a single gang U.S. electrical box as well as European and Asian electrical boxes. The attractive low profile styling of the reader, combined with high performance, makes it the preferred choice for corporate environments. The Wall Mount reader footprint is slightly larger than common single gang or light switch sized proximity readers, creating the opportunity to upgrade without having to re-paint wall surfaces.

The SXF1500 supports high security contactless smart card technologies that provide multiple applications including access control ID numbers and biometrics. The SXF1500 provides best-in-class smart card security by combining security measures such as mutual authentication and message authentication coding.



ORDERING INFORMATION

SXF1500 - Multi-technology Wall Mount Reader

SXF1500P-K - Proximity Wall Mount Reader

Durability/Warranty

The SXF1500 is manufactured using the highest quality UV-resistant materials. These plastics inhibit discoloration in all types of environmental conditions, including direct sunlight. SXF1500 series readers

feature potted electronics and circuitry for protection against inclement weather. We protect our customer with a lifetime warranty, providing full confidence in your reader products

FEATURES & BENEFITS

- Industry standard 125 kHz proximity and 13.56 MHz contactless in the same reader
- Compliance: compatible with all applicable ISO standards
- Easy migration: Includes XACTT technology (patent pending)
- Modular Design: Allows easy, upgradeable changes in the field
- Read Range: up to 8 inches
- Tri-state LED (red, green, amber): Visual indicator and audio feedback representing status and activity information
- Tamper Detection
- Multiple Color Options
- Environment accommodates interior, exterior, metal and non-metal installation environments
- Security/Key Management; several options to ensure the greatest choice between "open" or high security credential security
- Warranty: lifetime against defective workmanship and materials

SPECIFICATIONS

- Frequency: 125 kHz and 13.56 MHz
- Standards: ISO 15693 and ISO 14443
- Certifications: FCC Certification, Canadian FCC Certification, UL 294 Listed (Pending), R&TTE Directive (15 EU Countries), CE Mark
- Voltage range: 5-16 VDC
- Power supply: Linear DC
- Max. current requirement: Average 110 mA DC, Peak 160 mA DC
- Cable specification: 18 AWG 6 Conductor Stranded/Shielded
- System interface: Wiegand
- Cabling distance: Wiegand Output: 500 ft. (152m)
- Operating temperature: -31 to 151°F (-35 to 67°C)
- Physical dimensions (HWD): 5.1" x 3.25" x .76" (13.0 cm x 8.3 cm x 2.0 cm)
- Weight: 0.6 lbs
- Material: PBT Polymer
- Color options: Black
- Maximum read range*: 125 kHz: up to 4.5" (11.4 cm)
13.56 MHz ISO 15693: up to 4.0" (10.2 cm)
ISO 14443 MIFIRE standard: up to 2.0" (5.1 cm)
ISO 14443 DESFire: up to 1.5" (3.81 cm)

*Maximum read range depends on credential type/form factor and installation conditions

- Standards and technologies supported: GE CASI ProxLite®, HID® Proximity, XceedID™, XceedID ISO-X™ Secure Sector, Infineon my-d® Secure Sector, HID iClass® Serial Number, Infineon my-d® Serial Number, Inside Contactless PicoTag® Serial Number, STMicroelectronics® Serial Number, Texas Instruments Tag-It® Serial Number, Phillips I-Code® Serial Number, XceedID ISO-X™ Secure Sector, Infineon my-d® Secure Sector, DESFire® Serial Number, DESFire® Sector, MIFARE® Serial Number, MIFARE Sector





SBB

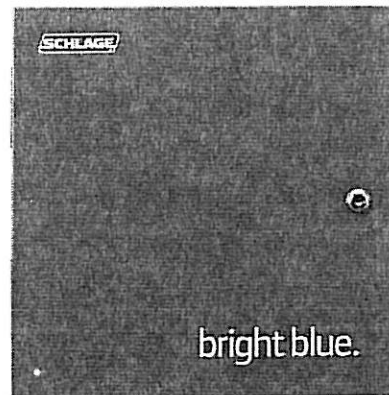
bright blue Controller

Overview

bright blue is the new web-based access control system from Schlage. Its embedded intelligence design means it does not require special software installation or a dedicated PC. Any computer running a standard web browser can be used to access, monitor and manage your system. The system's user-friendly design means that anyone can use it, making access control a simple part of your busy life.

This system is web-based so you can access it like any other web page on the internet. **bright blue** comes network-ready and easily connects to your network using an Ethernet port. After your controller is hooked up, you simply use any network-connected computer to access and manage your system. It's web-based design makes installation a breeze.

Everything about Schlage's **bright blue** is easy - from installation and training to system management, support and maintenance, it is user-friendly and reliable. The system provides easy-to-use configuration wizards and help tips so that even novice computer users will be able to set up and navigate their access control system. The configuration wizards allow you to add personnel, set up doors, and assign personnel access to doors based on their time schedules.



SYSTEM FEATURES:

- Support for up to 32 doors and 5000 cardholders
- Built-in web server
- Standardized reports
- System back-up
- Access anytime, anywhere, with a network connected computer
- Anti-passback function to eliminate unauthorized entry
- Manual overrides to temporarily unlock doors
- Native communication to Schlage's wireless access and VIP locks
- Holiday and event scheduling
- Minimal training required
- Door status monitoring
- Remote access and administration
- Flashable firmware upgrades

ORDERING INFORMATION:

- SBB: bright blue Controller

Simple and Secure

All User ID's and passwords are protected with security encryption providing you with secure access to monitor, control and manage your system's personnel data, transactions, and activities. **bright blue** provides you with three log-on access levels including User, Operator and Administrator. Each level provides a different set of access rights to the system. That way, system users will only be able to access functions that you want them to manage or view. The **bright blue** controller is also built on a Linux operating system, which means that your system is very stable and secure from external threats.

Save Money with Schlage

bright blue is not only simple, but saves you money too! The web-based application eliminates the need for a separate PC and software as with conventional access control systems. Furthermore, when you utilize Schlage's wireless access and VIP locks, it eliminates the need for a reader interface and other door hardware, resulting in hundreds of dollars in savings per door.

SPECIFICATIONS

- Supports up to 32 devices
- Database: 2GB flash drive
- NEMA 1 rated enclosure
- Recommended cable: 18 AWG/4 COND, stranded, shielded, twisted (up to 500')
- Linux operating system
- 32-bit, 200 MHz NET+ARM microprocessor
- SSL encryption
- Web-browsers supported: Internet Explorer 7.0, FireFox
- 10/100 Base-T Ethernet
- Supports DHCP or Static IP addressing
- 64Mb flash memory and 64Mb SRAM
- Tamper switch
- Supports magnetic stripe and proximity technologies
- Flashable firmware
- Power requirements: 24 VDC @ 1A
- Operating temperature: 0°C to 70°C; 32°F to 158°F
- Board dimensions: 11.5" H x 11.5" W
- Enclosure dimensions: 14" H x 14" W x 3.5" D
- Battery backup





SBB-RI

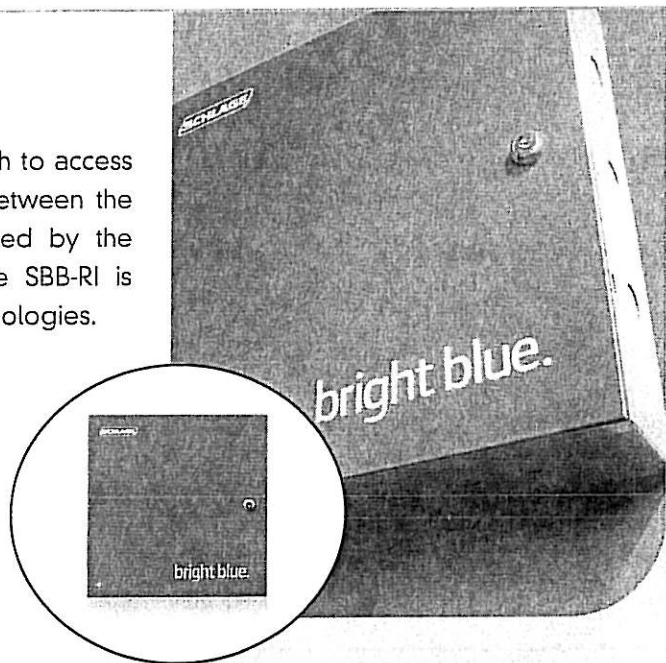
bright blue Reader Interface

Overview

The SBB-RI offers a cost effective, modular approach to access control system design. The SBB-RI is the bridge between the reader controller and the reader, and is supported by the Schlage bright blue Reader Controller (SBB). The SBB-RI is compatible with proximity and magnetic stripe technologies.

FEATURES & BENEFITS

- SBB-RI connects one reader via RS-485 protocol to the reader controller
- Compatible with proximity and magnetic stripe read head technologies
- One form C, single pole/double throw, mechanically latching 2A relay



SPECIFICATIONS

- Dimensions: 3.187" H x 3.187" W x 1.75" D
- Enclosure: 7.5" H x 8.25" W x 3.5" D
- Power Requirements: 12VDC/24VDC
- Power Consumption: 100mA (without read heads)
- Ambient temperature (without heater): 0° to 70° C or -40° to 185° F
- Humidity: 10% to 90% (non-condensing)
- Maximum distance to SBB-RI: 4,000 feet, RS485 data
- Recommended cable: 18 AWG/4 COND, stranded, shielded, twisted (up to 500')

ORDERING INFORMATION:

- SBB-RI: bright blue Reader Interface



SPS-5ELG & SPS-10ELG

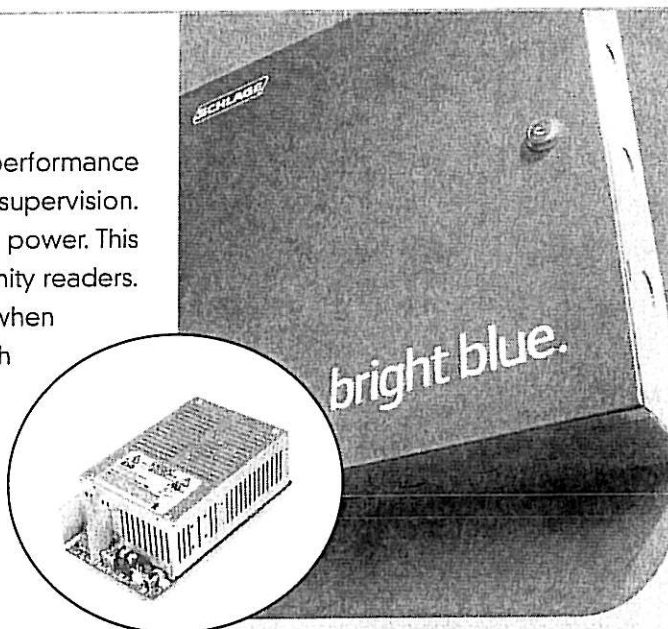
bright blue Power Supplies

Overview

The SPS Series power supplies are efficient linear performance power supplies with battery charger and power supervision. Extensive filtering provides a balance of super clean power. This design eliminates interference problems with proximity readers. The SPS Series are uninterruptible power supplies when stand-by batteries are connected. A service switch allows the DC output to be turned off for service.

FEATURES & BENEFITS

- Super clean linear performance
- Precise battery regulation for all lead acid batteries
- LED's indicate AC, power good, and DC on
- Electronic power limited short circuit protection
- Thermal regulation prevents overheating
- Output ON/OFF service switch
- No switch over or voltage drop when input power fails



SPECIFICATIONS

- Dimensions: 7.40" H x 3.94" W x 2.35" D
- Enclosure: 14" H x 14" W x 4.75" D
- Power Requirements: AC Input 85-264 VAC – DC Output 24 VDC
- Ambient temperature: -40° C to 85° C
- Humidity: 95% (non-condensing)

ORDERING INFORMATION:

- SPS-5ELG: 5A @ 24 VDC Power Supply
- SPS-10ELG: 10A @ 24 VDC Power Supply