

SECTION 087101
DOOR HARDWARE SETS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. This Section references specification sections relating to commercial door hardware for the following:

1. Swinging doors.
2. Sliding Doors.
3. Other doors to the extent indicated.

- B. Commercial door hardware includes, but is not necessarily limited to, the following:

1. Mechanical door hardware.
2. Electromechanical and access control door hardware.
3. Electromechanical and access control door hardware power supplies, back-ups and surge protection.
4. Automatic operators.
5. Cylinders specified for doors in other sections.

- C. Related Sections:

1. Division 01 Section "Sustainable Design Requirements".
2. Division 08 Section "Door Hardware".
3. Division 26 Section "Electrical".
4. Division 28 Section "Access Control Hardware Devices".

- D. Codes and References: Comply with the version year adopted by the Authority Having Jurisdiction.

1. ANSI A117.1 - Accessible and Usable Buildings and Facilities.
2. ICC/IBC - International Building Code.
3. NFPA 70 - National Electrical Code.
4. NFPA 80 - Fire Doors and Windows.
5. NFPA 101 - Life Safety Code.
6. NFPA 105 - Installation of Smoke Door Assemblies.

7. State Building Codes, Local Amendments.

- E. Standards: Reference Related Sections for requirements regarding compliance with applicable industry standards.

1.3 SUBMITTALS

- A. Product Data: Manufacturer's product data sheets including installation details, material descriptions, dimensions of individual components and profiles, operational descriptions and finishes.

- B. Door Hardware Schedule: Prepared by or under the supervision of supplier, detailing fabrication and assembly of door hardware, as well as procedures and diagrams. Coordinate the final Door Hardware Schedule with doors, frames, and related work to ensure proper size, thickness, hand, function, and finish of door hardware.

1. Format: Comply with scheduling sequence and vertical format in DHI's "Sequence and Format for the Hardware Schedule."

2. Organization: Organize the Door Hardware Schedule into door hardware sets indicating complete designations of every item required for each door or opening. Organize door hardware sets in same order as in the Door Hardware Sets at the end of Part 3. Submittals that do not follow the same format and order as the Door Hardware Sets will be rejected and subject to resubmission.

3. Content: Include the following information:

- a. Type, style, function, size, label, hand, and finish of each door hardware item.
- b. Manufacturer of each item.
- c. Fastenings and other pertinent information.
- d. Location of door hardware set, cross-referenced to Drawings, both on floor plans and in door and frame schedule.
- e. Explanation of abbreviations, symbols, and codes contained in schedule.
- f. Mounting locations for door hardware.
- g. Door and frame sizes and materials.

4. Submittal Sequence: Submit the final Door Hardware Schedule at earliest possible date, particularly where approval of the Door Hardware Schedule must precede fabrication of other work that is critical in the Project construction schedule. Include Product Data, Samples, Shop Drawings of other work affected by door hardware, and other information essential to the coordinated review of the Door Hardware Schedule.

- C. Keying Schedule: Prepared under the supervision of the Owner, separate schedule detailing final keying instructions for locksets and cylinders in writing. Include keying system explanation, door numbers, key set symbols, hardware set numbers and special instructions. Owner to approve submitted keying schedule prior to the ordering of permanent cylinders.

- D. Product Test Reports: Indicating compliance with cycle testing requirements, based on evaluation of comprehensive tests performed by manufacturer and witnessed by a qualified independent testing agency.
- E. Operating and Maintenance Manuals: Provide manufacturers operating and maintenance manuals for each item comprising the complete door hardware installation in quantity as required in Division 01, Closeout Submittals. The manual to include the name, address, and contact information of the manufacturers providing the hardware and their nearest service representatives. The final copies delivered after completion of the installation test to include "as built" modifications made during installation, checkout, and acceptance.
- F. Warranties and Maintenance: Special warranties and maintenance agreements specified in the Related Sections.

1.4 QUALITY ASSURANCE

- A. Manufacturers Qualifications: Engage qualified manufacturers with a minimum [5] years of documented experience in producing hardware and equipment similar to that indicated for this Project and that have a proven record of successful in-service performance.
- B. Installer Qualifications: Installers, trained by the primary product manufacturers, with a minimum [3] years documented experience installing both standard and electrified builders hardware similar in material, design, and extent to that indicated for this Project and whose work has resulted in construction with a record of successful in-service performance.
- C. Door Hardware Supplier Qualifications: Experienced commercial door hardware distributors with a minimum [5] years documented experience supplying both mechanical and electromechanical hardware installations comparable in material, design, and extent to that indicated for this Project. Supplier recognized as a factory direct distributor in good standing by the manufacturers of the primary materials with a warehousing facility in Project's vicinity. Supplier to have on staff a certified Architectural Hardware Consultant (AHC) available during the course of the Work to consult with Contractor, Architect, and Owner concerning both standard and electromechanical door hardware and keying.
- D. Building Information Modeling (BIM) Qualifications: BIM software tools and processes are used to produce and support data integration of product and technical information used in specifications, submittals, project reviews, decision support, and quality assurance during all phases of Project design, construction, and facility management. Door and hardware schedules and the associated product data parameters are to be derived, updated, and fully integrated with the coordinated Building Information Modeling as required under Division 01.
- E. Source Limitations: Obtain each type and variety of Door Hardware specified in the Related Sections from a single source, qualified supplier unless otherwise indicated.

- F. Regulatory Requirements: Comply with NFPA 70, NFPA 80, NFPA 101 and ANSI A117.1 requirements and guidelines as directed in the applicable model building code.
- G. Pre-Submittal Conference: Conduct coordination conference in compliance with requirements in Division 01 Section "Project Meetings" with attendance by representatives of Supplier(s), Installer(s), and Contractor(s) to review proper methods and the procedures for receiving, handling, and installing door hardware.

1.5 DELIVERY, STORAGE, AND HANDLING

- A. Inventory door hardware on receipt and provide secure lock-up and shelving for door hardware delivered to Project site. Do not store electronic access control hardware, software or accessories at Project site without prior authorization.
- B. Tag each item or package separately with identification related to the final Door Hardware Schedule, and include basic installation instructions with each item or package.
- C. Deliver, as applicable, permanent keys, cylinders, cores, access control credentials, software and related accessories directly to Owner via registered mail or overnight package service. Instructions for delivery to the Owner shall be established at the "Keying Conference".

1.6 COORDINATION

- A. Templates: Obtain and distribute to the parties involved templates for doors, frames, and other work specified to be factory prepared for installing standard and electrified hardware. Check Shop Drawings of other work to confirm that adequate provisions are made for locating and installing hardware to comply with indicated requirements.
- B. Door and Frame Preparation: Division 08 Sections (Steel, Aluminum and Wood) doors and corresponding frames are to be prepared, reinforced and pre-wired (if applicable) to receive the installation of the specified electrified, monitoring, signaling and access control system hardware without additional in-field modifications.
- C. Building Information Modeling (BIM) Support: Utilize designated BIM software tools and obtain training needed to successfully participate in the Project BIM processes. All technical disciplines are responsible for the product data integration and data reliability of their Work into the coordinated BIM applications.

1.7 WARRANTY

- A. General Warranty: Reference Division 01, General Requirements. Special warranties specified in this Article shall not deprive Owner of other rights Owner may have under other provisions of the Contract Documents and shall be in addition to, and run concurrent with, other warranties made by Contractor under requirements of the Contract Documents.

1.8 MAINTENANCE SERVICE

- A. Maintenance Tools and Instructions: Furnish a complete set of specialized tools and maintenance instructions as needed for Owner's continued adjustment, maintenance, and removal and replacement of door hardware.

PART 2 - PRODUCTS

2.1 SCHEDULED DOOR HARDWARE

- A. Refer to "PART 3 – EXECUTION" for required specification sections.

PART 3 - EXECUTION

3.1 DOOR HARDWARE SETS

- A. The door hardware sets represent the design intent and direction of the owner and architect. They are a guideline only and should not be considered a detailed hardware schedule. Discrepancies, conflicting hardware and missing items should be brought to the attention of the architect with corrections made prior to the bidding process. Omitted items not included in a hardware set should be scheduled with the appropriate additional hardware required for proper application and functionality.
 - 1. Quantities listed are for each pair of doors, or for each single door.
 - 2. The supplier is responsible for handing and sizing all products.
 - 3. Where multiple options for a piece of hardware are given in a single line item, the supplier shall provide the appropriate application for the opening.
- B. Products listed in the hardware sets shall be supplied by and in accordance with the requirements described in the specification section as noted for each item.
 - 1. Section 08 71 00 – Door Hardware.
 - 2. Section 28 15 00 – Access Control Hardware Devices.
- C. Manufacturer's Abbreviations:
 - 1. MK - McKinney
 - 2. PE - Pemko
 - 3. SU - Securitron
 - 4. RO - Rockwood
 - 5. RU - Corbin Russwin
 - 6. RF - Rixson
 - 7. NO - Norton

- 8. SA - SARGENT
- 9. OT - Other
- 10. AK - Alarm Controls

Hardware Sets

Set: 1.0

Doors: 1000A, 1070, 2028A, 2028B

2 Continuous Hinge	CFMxxSLF-HD1 PT Cut to ____"		PE	087100	
1 Electric Power Transfer	EL-CEPT	630	SU	087100	⚡
1 Mullion	CR907BKM 7'		RU	087100	
1 IN220 Rim Exit	ED5200N MW N9134ET-IN220 BIPS M51 CT7SB	630	RU	281500	⚡
1 Electrified Rim Exit, Fail Secure	ED5200 N9905ET M91 M92 M99 M51 CT7SB	630	RU	087100	⚡
3 Small Format Inter Core	SFIC	626	RU	087100	
1 Cylinder	CR1080-114 CT7SB	630	RU	087100	
2 Surface Closer	DC8210 W33 A11 M78	689	RU	087100	
1 Threshold	25_x_AFG FHSL14SS-2		PE	087100	
2 Door Bottom	216SNFG TKSP		PE	087100	
1 ElectroLynx Frame Harness	QC-C2500P		MK	087100	⚡
1 ElectroLynx Door Harness	QC-Cxxx LAR		MK	087100	⚡
1 ElectroLynx Frame Harness	PoE-C1500P		MK	087100	⚡
1 ElectroLynx Door Harness	PoE-C (306PRJ / 306RJ)		MK	087100	⚡
1 Wiring Diagram	WD-SYSPK		SA	281500	
1 Electric Power Transfer	CEPT-C5E	630	SU	087100	⚡

Notes: PERIMETER GASKETING SHALL BE PROVIDED BY ALUMINUM DOOR/ FRAME MANUFACTURER.

The inactive door shall be square edge to receive magnet of DPS from active leaf.

- Door normally closed and locked
- Unlocking of door by mechanical key alerts head end system of entry w/ out audit trail.
- Presenting proper credential unlocks outside lever and shunts DPS for authorized entry.
- Head end system unlocks both devices for school infill.
- RX tied to inside lever shunts DPS for set period of time.
- DPS alerts if door is held open longer than programmed time.
- Lock is Fail Secure.
- Free egress at all times.

Set: 1.5

Doors: 1000B

2 Continuous Hinge	CFMxxSLF-HD1 PT Cut to ____"		PE 087100	
2 Electric Power Transfer	EL-CEPT	630	SU 087100	⚡
1 Mullion	CR907BKM 7'		RU 087100	
2 Electrified Rim Exit, Fail Secure	ED5200 N9905ET M91 M92 M99 M51 CT7SB	630	RU 087100	⚡
3 Small Format Inter Core	SFIC	626	RU 087100	
1 Cylinder	CR1080-114 CT7SB	630	RU 087100	
2 Surface Closer	DC8210 W33 A11 M78	689	RU 087100	
1 Threshold	25_x_AFG FHSL14SS-2		PE 087100	
2 Door Bottom	216SNFG TKSP		PE 087100	
2 ElectroLynx Frame Harness	QC-C2500P		MK 087100	⚡
2 ElectroLynx Door Harness	QC-Cxxx LAR		MK 087100	⚡
1 Wiring Diagram	WD-SYSPK		SA 281500	

Notes: PERIMETER GASKETING SHALL BE PROVIDED BY ALUMINUM DOOR/ FRAME MANUFACTURER.

- Door normally closed and locked
- Unlocking of door by mechanical key alerts head end system of entry w/ out audit trail.
- Head end system unlocks both devices for school infill.
- RX tied to inside lever shunts DPS for set period of time.
- DPS alerts if door is held open longer than programmed time.
- Lock is Fail Secure.
- Free egress at all times.

Set: 2.0

Doors: 1200B, 1300B, 1400B, 1500B

2 Continuous Hinge	CFMxxSLF-HD1 PT Cut to ____"		PE 087100	
1 Electric Power Transfer	EL-CEPT	630	SU 087100	⚡
1 Mullion	CR907BKM 7'		RU 087100	
1 IN220 Fire Rated Rim Exit	ED5200AN MW N9134ET-IN220 BIPS CT7SB	630	RU 281500	⚡
1 Fire Rated Rim Exit, Exit Only	ED5200A EO M91 M92	630	RU 087100	⚡
2 Small Format Inter Core	SFIC	626	RU 087100	

1 Cylinder	CR1080-114 CT7SB	630	RU 087100	
2 Surface Closer	DC8210 W33 A11	689	RU 087100	
1 Threshold	25_x_AFG FHSL14SS-2		PE 087100	
1 Gasketing	2891CPK X 290CPK TKSP		PE 087100	
1 Gasketing	5110BL 120"		PE 087100	
2 Door Bottom	216SNFG TKSP		PE 087100	
2 Astragal	18041CSB TKSP		PE 087100	
1 ElectroLynx Frame Harness	QC-C2500P		MK 087100	⚡
1 ElectroLynx Door Harness	QC-Cxxx LAR		MK 087100	⚡
1 ElectroLynx Frame Harness	PoE-C1500P		MK 087100	⚡
1 ElectroLynx Door Harness	PoE-C (306PRJ / 306RJ)		MK 087100	⚡
1 Wiring Diagram	WD-SYSPK		SA 281500	
1 Electric Power Transfer	CEPT-C5E	630	SU 087100	⚡

Notes: Inactive leaf to be SQUARE EDGE Non-Handed for DPS magnet.

- Door normally closed and locked
- Unlocking of door by mechanical key alerts head end system of entry w/ out audit trail.
- Presenting proper credential unlocks outside lever and shunts DPS for authorized entry.
- RX tied to inside lever shunts DPS for set period of time.
- DPS alerts if door is held open longer than programmed time.
- Lock is Fail Secure.
- Free egress at all times.

Set: 3.0

Doors: 2000B, 2024B, 2026B

1 Continuous Hinge	CFMxxSLF-HD1 PT Cut to ____"		PE 087100	
1 IN220 Rim Exit	ED5200N MW N9134ET-IN220 BIPS M51 CT7SB	630	RU 281500	⚡
1 Small Format Inter Core	SFIC	626	RU 087100	
1 Surface Closer	DC8210 W33 A11	689	RU 087100	
1 Threshold	25_x_AFG FHSL14SS-2		PE 087100	
1 Rain Guard	346C TKSP8 x WOF		PE 087100	
1 Gasketing	2891CPK X 290CPK TKSP		PE 087100	
1 Door Bottom	216SNFG TKSP		PE 087100	
1 ElectroLynx Frame Harness	PoE-C1500P		MK 087100	⚡
1 ElectroLynx Door Harness	PoE-C (306PRJ / 306RJ)		MK 087100	⚡
1 Wiring Diagram	WD-SYSPK		SA 281500	
1 Electric Power Transfer	CEPT-C5E	630	SU 087100	⚡

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Notes: PERIMETER GASKETING SHALL BE PROVIDED BY ALUMINUM DOOR/ FRAME MANUFACTURER.

- Door normally closed and locked
- Unlocking of door by mechanical key alerts head end system of entry w/ out audit trail.
- Presenting proper credential unlocks outside lever and shunts DPS for authorized entry.
- RX tied to inside lever shunts DPS for set period of time.
- DPS alerts if door is held open longer than programmed time.
- Lock is Fail Secure.
- Free egress at all times.

Set: 4.0

Doors: 1052A

6 Hinge, Full Mortise, Hvy Wt	T4A3386	US32D	MK	087100	
1 Dust Proof Strike	570	US26D	RO	087100	
2 Flush Bolt	555	US26D	RO	087100	
1 Access Control Mort Lock	IN220-ML20234 MW NSA BIPS CT7SB	626	RU	281500	⚡
1 Small Format Inter Core	SFIC	626	RU	087100	
1 Surf Overhead Stop	9-x36	630	RF	087100	
1 Surface Closer	DC8210 W33 A11	689	RU	087100	
2 Kick Plate	K1050 10" CSK BEV	US32D	RO	087100	
1 Threshold	25_x_AFG FHSL14SS-2		PE	087100	
1 Rain Guard	346C TKSP8 x WOF		PE	087100	
1 Gasketing	2891CPK X 290CPK TKSP		PE	087100	
2 Sweep	3452APK TKSP		PE	087100	
2 Astragal	S772		PE	087100	
1 Astragal	357SP xx" TKSP		PE	087100	
1 ElectroLynx Frame Harness	PoE-C1500P		MK	087100	⚡
1 ElectroLynx Door Harness	PoE-C (306PRJ / 306RJ)		MK	087100	⚡
1 Position Switch	By Div 28		SU	281500	⚡
1 Electric Power Transfer	CEPT-C5E	630	SU	087100	⚡

Notes:

- Door normally closed and locked
- Unlocking of door by mechanical key alerts head end system of entry w/ out audit trail.
- Presenting proper credential unlocks outside lever and shunts DPS for authorized entry.
- RX tied to inside lever shunts DPS for set period of time.

- DPS alerts if door is held open longer than programmed time.
- Lock is Fail Secure.
- Free egress at all times.

Set: 5.0

Doors: 1037B

8 Hinge, Full Mortise, Hvy Wt	T4A3386	US32D	MK	087100	
1 Dust Proof Strike	570	US26D	RO	087100	
2 Flush Bolt	555	US26D	RO	087100	
1 Access Control Mort Lock	IN220-ML20234 MW NSA BIPS CT7SB	626	RU	281500	⚡
1 Small Format Inter Core	SFIC	626	RU	087100	
1 Surf Overhead Stop	9-x36	630	RF	087100	
1 Surface Closer	DC8210 W33 A12	689	RU	087100	
2 Kick Plate	K1050 10" CSK BEV	US32D	RO	087100	
1 Threshold	25_x_AFG FHSL14SS-2		PE	087100	
1 Rain Guard	346C TKSP8 x WOF		PE	087100	
1 Gasketing	2891CPK X 290CPK TKSP		PE	087100	
2 Sweep	3452APK TKSP		PE	087100	
2 Astragal	S772		PE	087100	
1 Astragal	357SP xx" TKSP		PE	087100	
1 ElectroLynx Frame Harness	PoE-C1500P		MK	087100	⚡
1 ElectroLynx Door Harness	PoE-C (306PRJ / 306RJ)		MK	087100	⚡
1 Position Switch	By Div 28		SU	281500	⚡
1 Electric Power Transfer	CEPT-C5E	630	SU	087100	⚡

- Notes: •Door normally closed and locked
- Unlocking of door by mechanical key alerts head end system of entry w/ out audit trail.
 - Presenting proper credential unlocks outside lever and shunts DPS for authorized entry.
 - RX tied to inside lever shunts DPS for set period of time.
 - DPS alerts if door is held open longer than programmed time.
 - Lock is Fail Secure.
 - Free egress at all times.

Set: 5.5

Doors: 1040B

8 Hinge, Full Mortise, Hvy Wt	T4A3386	US32D	MK	087100
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2 Electric Power Transfer	EL-CEPT	630	SU 087100	⚡
1 Electrified CVR Exit, Fail Secure	ED5800 N9905ET M92 M51 CT7SB	630	RU 087100	⚡
1 Concealed Vert Rod Exit, Exit Only	ED5800 EO M92	630	RU 087100	⚡
1 Small Format Inter Core	SFIC	626	RU 087100	
2 Surface Closer	DC8210 W33 A12	689	RU 087100	
2 Kick Plate	K1050 10" CSK BEV	US32D	RO 087100	
1 Threshold	25_x_AFG FHSL14SS-2		PE 087100	
1 Rain Guard	346C TKSP8 x WOF		PE 087100	
1 Gasketing	2891CPK X 290CPK TKSP		PE 087100	
2 Sweep	3452APK TKSP		PE 087100	
2 Astragal	18041CSB TKSP		PE 087100	
2 Astragal	S772		PE 087100	
2 ElectroLynx Frame Harness	QC-C2500P		MK 087100	⚡
2 ElectroLynx Door Harness	QC-Cxxx LAR		MK 087100	⚡
2 Position Switch	By Div 28		SU 281500	⚡

- Notes:
- Door normally closed and locked
 - Unlocking of door by mechanical key alerts head end system of entry w/ out audit trail.
 - Presenting proper credential unlocks outside lever and shunts DPS for authorized entry.
 - RX tied to inside push pad shunts DPS for set period of time.
 - DPS alerts if door is held open longer than programmed time.
 - Device is Fail Secure.
 - Free egress at all times.

Set: 6.0

Doors: 1000C

2 Continuous Hinge	CFMxxSLF-HD1 PT Cut to ____"		PE 087100	
1 Electric Power Transfer	EL-CEPT	630	SU 087100	⚡
1 Mullion	CR907BKM 7'		RU 087100	
1 IN220 Rim Exit	ED5200N MW N9134ET-IN220 BIPS M51 CT7SB	630	RU 281500	⚡
1 Electrified Rim Exit, Fail Secure	ED5200 N9905ET M91 M92 M99 M51 CT7SB	630	RU 087100	⚡
3 Small Format Inter Core	SFIC	626	RU 087100	
1 Cylinder	CR1080-114 CT7SB	630	RU 087100	
2 Conc Overhead Stop	6-x36	630	RF 087100	
2 Surface Closer	DC6210 A3 / DC6200 A10	689	RU 087100	

1 Threshold	172A		PE 087100	
1 ElectroLynx Frame Harness	QC-C2500P		MK 087100	⚡
1 ElectroLynx Door Harness	QC-Cxxx LAR		MK 087100	⚡
1 ElectroLynx Frame Harness	PoE-C1500P		MK 087100	⚡
1 ElectroLynx Door Harness	PoE-C (306PRJ / 306RJ)		MK 087100	⚡
1 Wiring Diagram	WD-SYSPK		SA 281500	
1 Electric Power Transfer	CEPT-C5E	630	SU 087100	⚡

Notes: PERIMETER GASKETING SHALL BE PROVIDED BY ALUMINUM DOOR/ FRAME MANUFACTURER.

The inactive door shall be square edge to receive magnet of DPS from active leaf.

- Door normally closed and locked
- Unlocking of door by mechanical key alerts head end system of entry w/ out audit trail.
- Presenting proper credential unlocks outside lever and shunts DPS for authorized entry.
- Head end system unlocks both devices for school infill.
- RX tied to inside lever shunts DPS for set period of time.
- DPS alerts if door is held open longer than programmed time.
- Lock is Fail Secure.
- Free egress at all times.

Set: 6.5

Doors: 1000D

2 Continuous Hinge	CFMxxSLF-HD1 PT Cut to ____"		PE 087100	
2 Electric Power Transfer	EL-CEPT	630	SU 087100	⚡
1 Mullion	CR907BKM 7'		RU 087100	
2 Electrified Rim Exit, Fail Secure	ED5200 N9905ET M91 M92 M99 M51 CT7SB	630	RU 087100	⚡
3 Small Format Inter Core	SFIC	626	RU 087100	
1 Cylinder	CR1080-114 CT7SB	630	RU 087100	
2 Conc Overhead Stop	6-x36	630	RF 087100	
2 Surface Closer	DC6210 A3 / DC6200 A10	689	RU 087100	
1 Threshold	172A		PE 087100	
2 ElectroLynx Frame Harness	QC-C2500P		MK 087100	⚡
2 ElectroLynx Door Harness	QC-Cxxx LAR		MK 087100	⚡
1 Wiring Diagram	WD-SYSPK		SA 281500	

Notes: PERIMETER GASKETING SHALL BE PROVIDED BY ALUMINUM DOOR/ FRAME

MANUFACTURER.

- Door normally closed and locked
- Unlocking of door by mechanical key alerts head end system of entry w/ out audit trail.
- Head end system unlocks both devices for school infill.
- RX tied to inside lever shunts DPS for set period of time.
- DPS alerts if door is held open longer than programmed time.
- Lock is Fail Secure.
- Free egress at all times.

Set: 7.0

Doors: 1057, 1064A, 1123A, 1123B, 1131, 1134, 2005A, 2005B, 2107A, 2107B, 2125A, 2125B, 2126S, 2127S

3 Hinge, Full Mortise	TA2714	US26D MK 087100
1 Storeroom Lock	ML2057 NSA CT7SB	626 RU 087100
1 Small Format Inter Core	SFIC	626 RU 087100
1 Surface Closer	DC6210 A3 / DC6200 A10	689 RU 087100
1 Door Stop	441CU / 400 as req'd	US26D RO 087100

Set: 8.0

Doors: 1037A

3 Hinge, Full Mortise	TA2714	US26D MK 087100
1 Storeroom Lock	ML2057 NSA CT7SB	626 RU 087100
1 Small Format Inter Core	SFIC	626 RU 087100
1 Surface Closer	DC6210 A3 / DC6200 A10	689 RU 087100
1 Door Stop	441CU / 400 as req'd	US26D RO 087100
1 Position Switch	By Div 28	SU 281500 ⚡

Set: 9.0

Doors: 1014, 1020, 1039, 1046, 1048, 1125, 1126, 2027, 2119

3 Hinge, Full Mortise	TA2714	US26D MK 087100
1 Access Control Mort Lock	IN220-ML20234 MW NSA BIPS CT7SB	626 RU 281500 ⚡
1 Small Format Inter Core	SFIC	626 RU 087100
1 Surface Closer	DC6210 A3 / DC6200 A10	689 RU 087100
1 Kick Plate	K1050 10" CSK BEV	US32D RO 087100
1 Door Stop	441CU / 400 as req'd	US26D RO 087100
1 Threshold	151A	PE 087100

1 Gasketing	S773		PE 087100	
2 Door Bottom	STC411APK / 420APKL		PE 087100	
1 ElectroLynx Frame Harness	PoE-C1500P		MK 087100	⚡
1 ElectroLynx Door Harness	PoE-C (306PRJ / 306RJ)		MK 087100	⚡
1 Electric Power Transfer	CEPT-C5E	630	SU 087100	⚡

Notes:

- Door normally closed and locked
- Unlocking of door by mechanical key alerts head end system of entry w/ out audit trail.
- Presenting proper credential unlocks outside lever and shunts DPS for authorized entry.
- RX tied to inside lever shunts DPS for set period of time.
- DPS alerts if door is held open longer than programmed time.
- Lock is Fail Secure.
- Free egress at all times.

Set: 10.0

Doors: 1006A, 1006B, 1006C, 1038, 1045B, 1047B

3 Hinge, Full Mortise	TA2714		US26D MK 087100	
1 Access Control Mort Lock	IN220-ML20234 MW NSA BIPS CT7SB	626	RU 281500	⚡
1 Small Format Inter Core	SFIC	626	RU 087100	
1 Surface Closer	DC6210 A3 / DC6200 A10	689	RU 087100	
1 Kick Plate	K1050 10" CSK BEV		US32D RO 087100	
1 Door Stop	441CU / 400 as req'd		US26D RO 087100	
1 Gasketing	S88		PE 087100	
1 ElectroLynx Frame Harness	PoE-C1500P		MK 087100	⚡
1 ElectroLynx Door Harness	PoE-C (306PRJ / 306RJ)		MK 087100	⚡
1 Wiring Diagram	WD-SYSPK		SA 281500	
1 Electric Power Transfer	CEPT-C5E	630	SU 087100	⚡

Notes:

- Door normally closed and locked
- Unlocking of door by mechanical key alerts head end system of entry w/ out audit trail.
- Presenting proper credential unlocks outside lever and shunts DPS for authorized entry.
- RX tied to inside lever shunts DPS for set period of time.
- DPS alerts if door is held open longer than programmed time.
- Lock is Fail Secure.
- Free egress at all times.

Set: 11.0

Doors: 1019A, 1022, 1023, 1024, 1071, 1072, 1106, 2011, 2013, 2015, 2031, 2032, 2105

3 Hinge, Full Mortise	TA2714	US26D	MK	087100	
1 Access Control Mort Lock	IN220-ML20234 MW NSA BIPS CT7SB	626	RU	281500	⚡
1 Small Format Inter Core	SFIC	626	RU	087100	
1 Surface Closer	DC6210 A3 / DC6200 A10	689	RU	087100	
1 Kick Plate	K1050 10" CSK BEV	US32D	RO	087100	
1 Door Stop	441CU / 400 as req'd	US26D	RO	087100	
1 ElectroLynx Frame Harness	PoE-C1500P		MK	087100	⚡
1 ElectroLynx Door Harness	PoE-C (306PRJ / 306RJ)		MK	087100	⚡
1 Wiring Diagram	WD-SYSPK		SA	281500	
1 Electric Power Transfer	CEPT-C5E	630	SU	087100	⚡

Notes:

- Door normally closed and locked
- Unlocking of door by mechanical key alerts head end system of entry w/ out audit trail.
- Presenting proper credential unlocks outside lever and shunts DPS for authorized entry.
- RX tied to inside lever shunts DPS for set period of time.
- DPS alerts if door is held open longer than programmed time.
- Lock is Fail Secure.
- Free egress at all times.

Set: 12.0

Doors: 1053

6 Hinge, Full Mortise	TA2714	US26D	MK	087100	
1 Dust Proof Strike	570	US26D	RO	087100	
2 Flush Bolt	555	US26D	RO	087100	
1 Storeroom Lock	ML2057 NSA CT7SB	626	RU	087100	
1 Small Format Inter Core	SFIC	626	RU	087100	
1 Surface Closer	DC6210 A3 / DC6200 A10	689	RU	087100	
2 Kick Plate	K1050 10" CSK BEV	US32D	RO	087100	
2 Door Stop	441CU / 400 as req'd	US26D	RO	087100	
1 Gasketing	S88		PE	087100	

Notes: Template Closer to 180 Deg if open door @ 90 deg. reduces egress corridor by 50% or more.

Set: 13.0

Doors: 1019B, 1036, 1041, 1042, 1043, 1044, 1052B

6 Hinge, Full Mortise	TA2714	US26D MK	087100	
1 Dust Proof Strike	570	US26D RO	087100	
2 Flush Bolt	555	US26D RO	087100	
1 Access Control Mort Lock	IN220-ML20234 MW NSA BIPS CT7SB	626 RU	281500	⚡
1 Small Format Inter Core	SFIC	626 RU	087100	
1 Surface Closer	DC6210 A3 / DC6200 A10	689 RU	087100	
2 Kick Plate	K1050 10" CSK BEV	US32D RO	087100	
2 Door Stop	441CU / 400 as req'd	US26D RO	087100	
1 Gasketing	S88		PE 087100	
1 Astragal	357SP xx" TKSP		PE 087100	
1 ElectroLynx Frame Harness	PoE-C1500P		MK 087100	⚡
1 ElectroLynx Door Harness	PoE-C (306PRJ / 306RJ)		MK 087100	⚡
1 Wiring Diagram	WD-SYSPK		SA 281500	
1 Position Switch	By Div 28		SU 281500	⚡
1 Electric Power Transfer	CEPT-C5E	630 SU	087100	⚡

Notes: Template Closer to 180 Deg if open door @ 90 deg. reduces egress corridor by 50% or more.

- Door normally closed and locked
- Unlocking of door by mechanical key alerts head end system of entry w/ out audit trail.
- Presenting proper credential unlocks outside lever and shunts DPS for authorized entry.
- RX tied to inside lever shunts DPS for set period of time.
- DPS alerts if door is held open longer than programmed time.
- Lock is Fail Secure.
- Free egress at all times.

Set: 14.0

Doors: 1025, 1027A

3 Hinge, Full Mortise	TA2714	US26D MK	087100	
1 IN220 Fire Rated Rim Exit	ED5200AN MW N9134ET-IN220 BIPS CT7SB	630 RU	281500	⚡
1 Small Format Inter Core	SFIC	626 RU	087100	
1 Surface Closer	DC6210 A3 / DC6200 A10	689 RU	087100	

1 Door Stop	441CU / 400 as req'd	US26D	RO	087100
1 Gasketing	S88		PE	087100
1 ElectroLynx Frame Harness	PoE-C1500P		MK	087100 ⚡
1 ElectroLynx Door Harness	PoE-C (306PRJ / 306RJ)		MK	087100 ⚡
1 Electric Power Transfer	CEPT-C5E	630	SU	087100 ⚡

- Notes:
- Door normally closed and locked
 - Unlocking of door by mechanical key alerts head end system of entry w/ out audit trail.
 - Presenting proper credential unlocks outside lever and shunts DPS for authorized entry.
 - RX tied to inside lever shunts DPS for set period of time.
 - DPS alerts if door is held open longer than programmed time.
 - Lock is Fail Secure.
 - Free egress at all times.

Set: 15.0

Doors: 1027B

3 Hinge, Full Mortise	TA2714	US26D	MK	087100
1 Fire Rated Rim Exit, Nightlatch	ED5200A N957ET CT7SB	630	RU	087100
1 Small Format Inter Core	SFIC	626	RU	087100
1 Surface Closer	DC6210 A3 / DC6200 A10	689	RU	087100
1 Door Stop	441CU / 400 as req'd	US26D	RO	087100
1 Gasketing	S88		PE	087100

Notes:

Set: 16.0

Doors: 1010, 1011, 1012, 1015, 1016, 1017, 1018, 1021, 1026, 1028, 1030, 1031, 1032, 1033

3 Hinge, Full Mortise	TA2714	US26D	MK	087100
1 Office Lock	ML2051 NSA CT7SB	626	RU	087100
1 Small Format Inter Core	SFIC	626	RU	087100
1 Door Stop	441CU / 400 as req'd	US26D	RO	087100
1 Threshold	151A		PE	087100
1 Gasketing	S773		PE	087100
1 Door Bottom	STC411APK / 420APKL		PE	087100
1 Coat Hook	RM802	US32D	RO	087100

Set: 17.0

Doors: 1009

3 Hinge, Full Mortise	TA2714	US26D MK	087100
1 Classroom Lock	ML2055 NSA CT7SB	626 RU	087100
1 Small Format Inter Core	SFIC	626 RU	087100
1 Door Stop	441CU / 400 as req'd	US26D RO	087100
1 Threshold	151A	PE	087100
1 Gasketing	S88	PE	087100
1 Door Bottom	STC411APK / 420APKL	PE	087100

Notes:

Set: 18.0

Doors: 1013

3 Hinge, Full Mortise	TA2714	US26D MK	087100
1 Passage Latch	ML2010 NSA	626 RU	087100
1 Door Stop	441CU / 400 as req'd	US26D RO	087100
1 Threshold	151A	PE	087100
1 Gasketing	S88	PE	087100
1 Door Bottom	STC411APK / 420APKL	PE	087100

Notes:

Set: 19.0

Doors: 1068A, 1068B, 2026A

3 Hinge, Full Mortise	TA2714	US26D MK	087100
1 Classroom Lock	ML2055 NSA CT7SB	626 RU	087100
1 Small Format Inter Core	SFIC	626 RU	087100
1 Surface Closer	DC6210 A3 / DC6200 A10	689 RU	087100
1 Door Stop	441CU / 400 as req'd	US26D RO	087100
1 Threshold	151A	PE	087100
1 Gasketing	S88	PE	087100
1 Door Bottom	STC411APK / 420APKL	PE	087100

Notes:

Set: 20.0

Doors: 2025

3 Hinge, Full Mortise	TA2714	US26D MK 087100
1 Classroom Lock	ML2055 NSA CT7SB	626 RU 087100
1 Small Format Inter Core	SFIC	626 RU 087100
1 Door Stop	441CU / 400 as req'd	US26D RO 087100
1 Coat Hook	RM802	US32D RO 087100

Notes: Template Closer to 180 Deg if open door @ 90 deg. reduces egress corridor by 50% or more.

Set: 21.0

Doors: 1049

3 Hinge, Full Mortise	TA2714	US26D MK 087100
1 Classroom Lock	ML2055 NSA CT7SB	626 RU 087100
1 Small Format Inter Core	SFIC	626 RU 087100
1 Kick Plate	K1050 10" CSK BEV	US32D RO 087100
1 Door Stop	441CU / 400 as req'd	US26D RO 087100
1 Gasketing	S88	PE 087100

Set: 22.0

Doors: 1020F, 1020G

3 Hinge, Full Mortise	TA2714	US26D MK 087100
1 Passage Latch	ML2010 NSA	626 RU 087100
1 Kick Plate	K1050 4" CSK BEV	US32D RO 087100
1 Door Stop	441CU / 400 as req'd	US26D RO 087100
1 Gasketing	S88	PE 087100

Set: 23.0

Doors: 1029, 1047A

3 Hinge, Full Mortise	TA2714	US26D MK 087100
1 Classroom Lock	ML2055 NSA CT7SB	626 RU 087100
1 Small Format Inter Core	SFIC	626 RU 087100
1 Surface Closer	DC6210 A3 / DC6200 A10	689 RU 087100
1 Kick Plate	K1050 10" CSK BEV	US32D RO 087100
1 Door Stop	441CU / 400 as req'd	US26D RO 087100
1 Gasketing	S88	PE 087100

Set: 24.0

Doors: 1002, 1020B, 1020C, 1051, 1110T, 2014T, 2110T, 2128T

3 Hinge, Full Mortise	TA2714	US26D MK 087100
1 Privacy Lock	ML2030 NSA V20	626 RU 087100
1 Kick Plate	K1050 4" CSK BEV	US32D RO 087100
1 Door Stop	441CU / 400 as req'd	US26D RO 087100
1 Gasketing	S88	PE 087100

Set: 25.0

Doors: 1130TA

3 Hinge, Full Mortise	TA2714	US26D MK 087100
1 Electric Power Transfer	EL-CEPT	630 SU 087100 ⚡
1 Fail Safe Lock	ML20906-SAF NSA M92 CT7SB	626 RU 087100 ⚡
1 Small Format Inter Core	SFIC provided by owner	626 087100
1 Surface Closer	PR7500 / R 7500	689 NO 087100
1 Mop Plate	K1050 4" CSK BEV	US32D RO 087100
1 Kick Plate	K1050 10" high CSK BEV	US32D RO 087100
1 Wall Stop	402	US26D RO 087100
1 Gasketing	S88	PE 087100
1 ElectroLynx Frame Harness	QC-C2500P	MK 087100 ⚡
1 ElectroLynx Door Harness	QC-Cxxx LAR	MK 087100 ⚡
1 Wiring Diagram	WD-SYSPK	SA 281500
1 Relay Board	RB-4-xx	SU 087100 ⚡
1 Sensor	NTS-1 "wave to secure"	AK 087100 ⚡
2 Plate	RP-09L	AK 087100
1 Power Supply	AQL4-R8E1	SU 087100 ⚡

- Notes:
- Door normally closed and unlocked w/ LED indicator to green.
 - Upon entering restroom "Wave to Secure" locks both doors and turns ALL indicators to RED.
 - Depressing either lever on exit unlocks both levers and returns the LED to GREEN at both doors.
 - System is Fail Safe and unlocks upon power failure.
 - Mechanical key override for emergency situations.

Power supply and Wave to secure in this set is for both openings. 3rd RP-09L mounted adjacent to "Wave to secure" for visual indication of secured doors.

Set: 25.5

Doors: 1130TB

3 Hinge, Full Mortise	TA2714	US26D	MK	087100	
1 Electric Power Transfer	EL-CEPT	630	SU	087100	⚡
1 Fail Safe Lock	ML20906-SAF NSA M92 CT7SB	626	RU	087100	⚡
1 Small Format Inter Core	SFIC provided by owner	626		087100	
1 Surface Closer	PR7500 / R 7500	689	NO	087100	
1 Mop Plate	K1050 4" CSK BEV	US32D	RO	087100	
1 Kick Plate	K1050 10" high CSK BEV	US32D	RO	087100	
1 Wall Stop	402	US26D	RO	087100	
1 Gasketing	S88		PE	087100	
1 ElectroLynx Frame Harness	QC-C2500P		MK	087100	⚡
1 ElectroLynx Door Harness	QC-Cxxx LAR		MK	087100	⚡
1 Wiring Diagram	WD-SYSPK		SA	281500	
1 Plate	RP-09L		AK	087100	

- Notes: •Door normally closed and unlocked w/ LED indicator to green.
 •Upon entering restroom "Wave to Secure" locks both doors and turns BOTH indicators to RED.
 •Depressing either lever on exit unlocks both levers and returns the LED to GREEN at both doors.
 •System is Fail Safe and unlocks upon power failure.
 •Mechanical key override for emergency situations.

Power supply and Wave to secure in other set.

Set: 26.0

Doors: 1005, 1111, 2108

3 Hinge, Full Mortise	TA2714	US26D	MK	087100	
1 Storeroom Lock	ML2049 NSA CT7SB	626	RU	087100	
1 Small Format Inter Core	SFIC	626	RU	087100	
1 Surface Closer	DC6210 A3 / DC6200 A10	689	RU	087100	
1 Kick Plate	K1050 10" CSK BEV	US32D	RO	087100	
1 Kick Plate	K1050 4" CSK BEV	US32D	RO	087100	
1 Door Stop	441CU / 400 as req'd	US26D	RO	087100	
1 Gasketing	S88		PE	087100	

Set: 26.5

Doors: 1113, 2017, 2109

3 Hinge, Full Mortise	TA2714	US26D	MK	087100	
1 Electric Power Transfer	EL-CEPT	630	SU	087100	⚡
1 Access Control Mort Lock	ML20608 x SN210-SAF NSA BIPS PHR CT7SB	626	RU	281500	⚡
1 Small Format Inter Core	SFIC	626	RU	087100	
1 Surface Closer	DC6210 A3 / DC6200 A10	689	RU	087100	
1 Kick Plate	K1050 10" CSK BEV	US32D	RO	087100	
1 Kick Plate	K1050 4" CSK BEV	US32D	RO	087100	
1 Door Stop	441CU / 400 as req'd	US26D	RO	087100	
1 Gasketing	S88		PE	087100	
1 ElectroLynx Frame Harness	QC-C2500P		MK	087100	⚡
1 ElectroLynx Door Harness	QC-Cxxx LAR		MK	087100	⚡

Notes: Door normally locked and secured
Presenting valid credetial unlocks lever permitting entry.

Reader is open protocol to work with other Card access doors. Reader is ON the door like other IN220's

Set: 27.0

Doors: 1045C

3 Hinge, Full Mortise	TA2714	US26D	MK	087100	
1 Access Control Mort Lock	IN220-ML20234 MW NSA BIPS CT7SB	626	RU	281500	⚡
1 Small Format Inter Core	SFIC	626	RU	087100	
1 Conc Overhead Stop	1-x36	630	RF	087100	
1 Surface Closer	DC6210 A3 / DC6200 A10	689	RU	087100	
1 Kick Plate	K1050 10" CSK BEV	US32D	RO	087100	
1 ElectroLynx Frame Harness	PoE-C1500P		MK	087100	⚡
1 ElectroLynx Door Harness	PoE-C (306PRJ / 306RJ)		MK	087100	⚡
1 Wiring Diagram	WD-SYSPK		SA	281500	
1 Electric Power Transfer	CEPT-C5E	630	SU	087100	⚡

Notes:

- Door normally closed and locked
- Unlocking of door by mechanical key alerts head end system of entry w/ out audit trail.
- Presenting proper credential unlocks outside lever and shunts DPS for authorized entry.
- RX tied to inside lever shunts DPS for set period of time.
- DPS alerts if door is held open longer than programmed time.

- Lock is Fail Secure.
- Free egress at all times.

Set: 28.0

Doors: 1110B, 1112B, 1114B, 1118B, 1120B, 1138B, 1140B, 1142B, 1144B, 2004B, 2008B, 2010B, 2012B, 2110B, 2112B, 2114B, 2118B, 2120B, 2134B, 2136B, 2138B, 2140B

3 Hinge, Full Mortise, Hvy Wt	T4A3786	US26D	MK	087100
1 Classroom Intruder Lock	ML2002 NSA V11 EMB CT7SB	626	RU	087100
2 Small Format Inter Core	SFIC	626	RU	087100
1 Surface Closer	DC6210 A3 / DC6200 A10	689	RU	087100
1 Door Stop	441CU / 400 as req'd	US26D	RO	087100
1 Threshold	151A		PE	087100
1 Gasketing	379CPK TKSP		PE	087100
1 Door Bottom	STC411APK / 420APKL		PE	087100

Set: 29.0

Doors: 1065, 1066, 1067

3 Hinge, Full Mortise, Hvy Wt	T4A3786	US26D	MK	087100
1 Classroom Lock	ML2055 NSA CT7SB	626	RU	087100
2 Small Format Inter Core	SFIC	626	RU	087100
1 Surface Closer	DC6210 A3 / DC6200 A10	689	RU	087100
1 Door Stop	441CU / 400 as req'd	US26D	RO	087100
1 Threshold	151A		PE	087100
1 Gasketing	379CPK TKSP		PE	087100
1 Door Bottom	STC411APK / 420APKL		PE	087100

Notes: This set represents the intent. Actual gasketing products provided as part of STC-45 Assembly.

Set: 30.0

Doors: 1056, 1110A, 1112A, 1114A, 1115, 1116, 1118A, 1119, 1120A, 1122A, 1127, 1132, 1133A, 1133B, 1135, 1136, 1138A, 1140A, 1142A, 1144A, 2006, 2007, 2008A, 2010A, 2012A, 2014, 2021, 2110A, 2111, 2112A, 2114A, 2115, 2116, 2118A, 2120A, 2121, 2122, 2130, 2134A, 2136A, 2138A, 2140A, 2142A

3 Hinge, Full Mortise, Hvy Wt	T4A3786	US26D	MK	087100
1 Classroom Intruder Lock	ML2072 NSVN V11 CT7SB	626	RU	087100
2 Small Format Inter Core	SFIC	626	RU	087100

1 Surface Closer	DC6210 A3 / DC6200 A10	689	RU	087100
1 Door Stop	441CU / 400 as req'd	US26D	RO	087100
1 Threshold	151A		PE	087100
1 Gasketing	S773		PE	087100
1 Door Bottom	STC411APK / 420APKL		PE	087100

Set: 31.0

Doors: 1064, 1128A, 1130A, 2002A, 2002B, 2004A, 2126A, 2127A, 2127B, 2128

3 Hinge, Full Mortise, Hvy Wt	T4A3786	US26D	MK	087100
1 Rim Exit Device, Classroom	ED5202 N955ET M51 CT7SB	630	RU	087100
2 Small Format Inter Core	SFIC	626	RU	087100
1 Surface Closer	DC6210 A3 / DC6200 A10	689	RU	087100
1 Door Stop	441CU / 400 as req'd	US26D	RO	087100
1 Threshold	151A		PE	087100
1 Gasketing	S88		PE	087100
1 Door Bottom	STC411APK / 420APKL		PE	087100

Set: 32.0

Doors: 2024A

3 Hinge, Full Mortise, Hvy Wt	T4A3786	US26D	MK	087100
1 IN220 Rim Exit	ED5200N MW N9134ET-IN220 BIPS M51 CT7SB	630	RU	281500 ⚡
1 Small Format Inter Core	SFIC	626	RU	087100
1 Surface Closer	DC6210 A3 / DC6200 A10	689	RU	087100
1 Door Stop	441CU / 400 as req'd	US26D	RO	087100
1 Threshold	151A		PE	087100
1 Gasketing	S88		PE	087100
1 Door Bottom	STC411APK / 420APKL		PE	087100
1 ElectroLynx Frame Harness	PoE-C1500P		MK	087100 ⚡
1 ElectroLynx Door Harness	PoE-C (306PRJ / 306RJ)		MK	087100 ⚡
1 Electric Power Transfer	CEPT-C5E	630	SU	087100 ⚡

Set: 34.0

Doors: 1035A, 1035B

2 Continuous Hinge	CFMxxSLF-HD1 Cut to ____"		PE	087100
1 Mullion	CR907BKM 7'		RU	087100

2 Rim Exit Device, Classroom	ED5202 N955ET M51 CT7SB	630	RU	087100
5 Small Format Inter Core	SFIC	626	RU	087100
1 Cylinder	CR1080-114 CT7SB	630	RU	087100
2 Blade Stop	6891	689	NO	087100
2 Surface Closer	DC6210 A14	689	RU	087100
2 Kick Plate	K1050 10" CSK BEV	US32D	RO	087100
2 Door Stop	441CU / 400 as req'd	US26D	RO	087100
1 Gasketing	5110BL 120"		PE	087100

Notes: PERIMETER GASKETING SHALL BE PROVIDED BY ALUMINUM DOOR/ FRAME MANUFACTURER.

Set: 35.0

Doors: 1003A, 1003B, 1100B, 2000A, 2001, 2100B

6 Hinge, Full Mortise, Hvy Wt	T4A3786	US26D	MK	087100
2 Electric Power Transfer	EL-CEPT	630	SU	087100 ⚡
2 Electrified SVR Exit, Fail Secure	ED5470B N9905ET M55 M92 CT7SB	630	RU	087100 ⚡
2 Small Format Inter Core	SFIC	626	RU	087100
2 Surface Closer	DC6210 A3 / DC6200 A10	689	RU	087100
2 Electromagnetic Holder	998M 24VDC	689	RF	087100 ⚡
2 Door Stop	441CU / 400 as req'd	US26D	RO	087100
1 Gasketing	S88		PE	087100
2 Astragal	S772		PE	087100
2 ElectroLynx Frame Harness	QC-C2500P		MK	087100 ⚡
2 ElectroLynx Door Harness	QC-Cxxx LAR		MK	087100 ⚡
1 Card / FOB Reader	Card / FOB Reader by Div 28.		OT	281300 ⚡
1 Position Switch	By Div 28		SU	281500 ⚡
1 Power Supply	AQL4-R8E1		SU	087100 ⚡

Notes: •Door normally held open and unlocked

**When doors are closed and secured...

- Presenting proper credential unlocks outside lever and shunts DPS for authorized entry when doors are closed.
- RX tied to insidepush pad shunts DPS for set period of time.
- DPS alerts if door is held open longer than programmed time.
- Lock is Fail Secure.
- Free egress at all times.

Set: 36.0

Doors: 1200A, 1300A, 1400A, 1500A, 2200A, 2300, 2400, 2500

8 Hinge, Concealed	MK80SS	US32D	MK	087100	
2 Electric Power Transfer	EL-CEPT	630	SU	087100	⚡
2 Electrified SVR Exit, Fail Safe	ED5470B N9903ET M55 CT7SB	630	RU	087100	⚡
2 Small Format Inter Core	SFIC	626	RU	087100	
2 Surface Closer	DC6210 A3 / DC6200 A10	689	RU	087100	
2 Electromagnetic Holder	998M 24VDC	689	RF	087100	⚡
2 Door Stop	441CU / 400 as req'd	US26D	RO	087100	
1 Gasketing	S88		PE	087100	
2 Astragal	S772		PE	087100	
2 ElectroLynx Frame Harness	QC-C2500P		MK	087100	⚡
1 Card / FOB Reader	Card / FOB Reader by Div 28.		OT	281300	⚡
1 Power Supply	AQL4-R8E1		SU	087100	⚡

Notes: DOORS NORMALLY CLOSED AND LOCKED.
ENTRY BY VALID CREDENTIAL UNLOCKS LEVER TRIM OR BY MECHANICAL KEY
OVERRIDE.
TRIM UNLOCKS UPON FIRE ALARM ACTIVATION OR LOSS OF POWER.
EGRES PERMITTED AT ALL TIMES.
SYSTEM IS FAIL SAFE

Set: 37.0

Doors: 1034

6 Hinge, Full Mortise	TA2714	US26D	MK	087100	
2 Electric Power Transfer	EL-CEPT	630	SU	087100	⚡
1 Access Control Multi-Point	MP9800xE905xN10xSN210 N BIPS M55 M92 CT7SB	630	RU	087100	⚡
1 Fire Rated Multi-Point Lock	MP9800AxE01xN10 N M55 M92	630	RU	087100	⚡
1 Small Format Inter Core	SFIC	626	RU	087100	
2 Surface Closer	DC6210 A3 / DC6200 A10	689	RU	087100	
2 Door Stop	441CU / 400 as req'd	US26D	RO	087100	
1 Gasketing	S88		PE	087100	
2 ElectroLynx Frame Harness	QC-C2500P		MK	087100	⚡
2 ElectroLynx Door Harness	QC-Cxxx LAR		MK	087100	⚡

1 Wiring Diagram	WD-SYSPK	SA 281500
2 Position Switch	By Div 28	SU 281500 ⚡
1 Power Supply	AQL4-R8E1	SU 087100 ⚡

Notes: Doors normally closed and secured.
Presenting valid credential at the reader unlocks the trim for entry.
Exit by either leaf shunts DPS for authorized exit.
Doors are Fail Secure.

Reader is open protocol to work with other Card access doors. Reader is ON the door like other IN220's

Set: 39.0

Doors: 1100A, 2100A

6 Hinge, Full Mortise, Hvy Wt	T4A3786	US26D MK 087100
2 Electric Power Transfer	EL-CEPT	630 SU 087100 ⚡
2 Electrified SVR Exit, Fail Secure	ED5470B N9905ET M55 M92 CT7SB	630 RU 087100 ⚡
2 Small Format Inter Core	SFIC	626 RU 087100
2 Surface Closer	DC6210 A3 / DC6200 A10	689 RU 087100
2 Electromagnetic Holder	998M 24VDC	689 RF 087100 ⚡
2 Door Stop	441CU / 400 as req'd	US26D RO 087100
1 Gasketing	S88	PE 087100
2 Astragal	S772	PE 087100
2 ElectroLynx Frame Harness	QC-C2500P	MK 087100 ⚡
2 ElectroLynx Door Harness	QC-Cxxx LAR	MK 087100 ⚡
1 Position Switch	By Div 28	SU 281500 ⚡
1 Power Supply	AQL4-R8E1	SU 087100 ⚡

Notes: •Door normally held open and unlocked.
•Upon lockdown initiation doors release from mag hold opens and power is removed from levers securing from pull side.
**When doors are closed and secured...
•RX tied to inside push pad shunts DPS for set period of time.
•DPS alerts if door is held open longer than programmed time.
•Lock is Fail Secure.
•Free egress at all times.

Set: 40.0

Doors: 1040A

6 Hinge, Full Mortise, Hvy Wt	T4A3786	US26D	MK	087100	
2 Electric Power Transfer	EL-CEPT	630	SU	087100	⚡
1 Fire Rated Surf Vert Rod, Exit Only	ED5470B EO M55 M92	630	RU	087100	⚡
1 Electrified SVR Exit, Fail Secure	ED5470B N9905ET M55 M92 CT7SB	630	RU	087100	⚡
2 Small Format Inter Core	SFIC	626	RU	087100	
2 Surface Closer	DC6210 A3 / DC6200 A10	689	RU	087100	
2 Door Stop	441CU / 400 as req'd	US26D	RO	087100	
1 Gasketing	S88		PE	087100	
2 Astragal	S772		PE	087100	
2 ElectroLynx Frame Harness	QC-C2500P		MK	087100	⚡
2 ElectroLynx Door Harness	QC-Cxxx LAR		MK	087100	⚡
1 Card / FOB Reader	Card / FOB Reader by Div 28.		OT	281300	⚡
2 Position Switch	By Div 28		SU	281500	⚡
1 Power Supply	AQL4-R8E1		SU	087100	⚡

- Notes: •Doors are normally closed and locked.
 •Presenting proper credential unlocks outside lever and shunts DPS for authorized entry.
 •RX tied to inside push pad shunts DPS for set period of time from either leaf.
 •DPS alerts if door is held open longer than programmed time.
 •Device is Fail Secure.
 •Free egress at all times.

Set: 41.0

Doors: 1035C, 1035D

8 Hinge, Full Mortise, Hvy Wt	T4A3386	US32D	MK	087100	
2 Electric Power Transfer	EL-CEPT	630	SU	087100	⚡
1 Electrified CVR Exit, Fail Secure	ED5800 N9905ET M92 M51 CT7SB	630	RU	087100	⚡
1 Concealed Vert Rod Exit, Exit Only	ED5800 EO M92	630	RU	087100	⚡
1 Small Format Inter Core	SFIC	626	RU	087100	
2 Surface Closer	DC8210 W33 A11	689	RU	087100	
2 Kick Plate	K1050 10" CSK BEV	US32D	RO	087100	
1 Threshold	25_x_AFG FHSL14SS-2		PE	087100	
1 Rain Guard	346C TKSP8 x WOF		PE	087100	

1 Gasketing	2891CPK X 290CPK TKSP	PE	087100	
2 Sweep	3452APK TKSP	PE	087100	
2 Astragal	18041CSB TKSP	PE	087100	
2 Astragal	S772	PE	087100	
2 ElectroLynx Frame Harness	QC-C2500P	MK	087100	⚡
2 ElectroLynx Door Harness	QC-Cxxx LAR	MK	087100	⚡
2 Position Switch	By Div 28	SU	281500	⚡

- Notes:
- Door normally closed and locked
 - Unlocking of door by mechanical key alerts head end system of entry w/ out audit trail.
 - Presenting proper credential unlocks outside lever and shunts DPS for authorized entry.
 - RX tied to inside push pad shunts DPS for set period of time.
 - DPS alerts if door is held open longer than programmed time.
 - Device is Fail Secure.
 - Free egress at all times.

Set: 42.0

Doors: 3000A, 3000B

8 Hinge, Full Mortise, Hvy Wt	T4A3386	US32D	MK	087100	
1 Dust Proof Strike	570	US26D	RO	087100	
2 Flush Bolt	555	US26D	RO	087100	
1 Access Control Mort Lock	IN220-ML20234 MW NSA BIPS CT7SB	626	RU	281500	⚡
1 Small Format Inter Core	SFIC	626	RU	087100	
1 Surf Overhead Stop	9-x36	630	RF	087100	
1 Surface Closer	DC8210 W33 A12	689	RU	087100	
1 Threshold	172A		PE	087100	
2 Sweep	3452APK TKSP		PE	087100	
1 Astragal	357SP xx" TKSP		PE	087100	
1 ElectroLynx Frame Harness	PoE-C1500P		MK	087100	⚡
1 ElectroLynx Door Harness	PoE-C (306PRJ / 306RJ)		MK	087100	⚡
1 Position Switch	By Div 28		SU	281500	⚡
1 Electric Power Transfer	CEPT-C5E	630	SU	087100	⚡

- Notes:
- Door normally closed and locked
 - Unlocking of door by mechanical key alerts head end system of entry w/ out audit trail.
 - Presenting proper credential unlocks outside lever and shunts DPS for authorized entry.
 - RX tied to inside lever shunts DPS for set period of time.
 - DPS alerts if door is held open longer than programmed time.

- Lock is Fail Secure.
- Free egress at all times.

Set: 44.0

Doors: 1128B, 2126B

6 Hinge, Full Mortise	TA2714	US26D	MK	087100
2 Entrance Lock	ML2054 NSA CT6SB (configure to Service Function 1 lever only)	626	RU	087100
2 Small Format Inter Core	SFIC provided by owner	626		087100
2 Surf Overhead Stop	9-x36	630	RF	087100
2 Gasketing	S88		PE	087100

Notes: Lever opens one door key needed to open the opposing door. Levers on pull side...keyed cylinder on push side only.

END OF SECTION