

BLOCK 548 LOT 21 QUALIFICATION CODE _____ ADDRESS (SITE) 41 Drum Point Rd., Brick, NJ 08723 PERMIT NO. 14-3979



CONSTRUCTION PERMIT APPLICATION

Applicant Completes: Sections I, II, III (optional), IV, VI, and VII

C-14-004618

I. IDENTIFICATION

1. Proposed Work Site at: Drum Point ES., 41 Drum Point Rd., Brick, NJ 08723

2. Name of Owner in Fee: Brick Board of Education
Tel. 732-785-3000 e-mail _____
Address 101 Hendrickson Ave., Brick, NJ 08724-2599
street municipality zip code

3. Ownership in Fee: Public ☒ Private _____

4. Principal Contractor: C&M Door Controls, Inc. Tel. 732-596-1900
Address 20 Markley Street e-mail nfederick@cmdoorcontrols.com
Port Reading, NJ 07064

License No. OR, if new home, Builder Reg. No. _____ Exp. Date _____
Home Improvement Contractor Registration No. or Exemption Reason _____
Federal Emp. ID No. 22-2035306 FAX: 732-596-1992

5. Architect or Engineer DiCara/Rubino Architects Contact Bob Iamello
Address 30 Galesi Drive, Wayne, NJ 07470 e-mail _____
Tel. 973-256-0202 FAX: 973-256-0227

6. Responsible Person in Charge once Work has Begun David A. O'Keefe
Tel. 732-596-1900 FAX: 732-596-1992

V. FEE SUMMARY (for office use only)

	Update	Update
1. Building	\$	
2. Electrical	\$	
3. Plumbing	\$	
4. Fire Protection	\$	
5. Elevator Devices	\$	
6. Subtotal	\$	
7. Less 20% for State Plan Review	\$	
8. Subtotal	\$	
9. State Permit Surcharge Fee	\$	
10. Subtotal	\$	
11. Cert. of Occupancy	\$	
12. Other	\$	
13. TOTAL	\$	

VI. BUILDING/SITE CHARACTERISTICS

	(office use only)
1. Number of Stories	
2. Height of Structure	ft.
3. Area — Largest Floor	sq. ft.
4. New Building Area	sq. ft.
5. Volume of New Structure	cu. ft.
6. Max. Live Load	
7. Max. Occupancy Load	
8. If Industrialized Building: State Approved _____ HUD _____	
9. Total Land Area Disturbed	sq. ft.
10. Flood Hazard Zone	
11. Base Flood Elevation	ft.
12. Wetlands yes _____ no _____	

IIa. PROPOSED WORK

- ☐ Minor Work ☐ New Building ☐ Addition ☐ Demolition
☐ Repair ☒ Alteration ☐ Renovation ☐ Reconstruction
☐ Asbestos Abat. -Subch. 8 ☐ Lead Hazard Abatement ☐ Radon Remediation ☐ Annual Permit

IIb. SUBCODES

(Check all that apply)

- ☒ Building
☒ Electrical
☐ Plumbing
☐ Fire Protection
☐ Elevator

FOR OFFICE USE ONLY (Optional)

Est. Cost	Plans Rec'd by	Date Rec'd	Rejection Date	Approval Date	Re-viewer	Resubmission Dates Approval	Rejection	Re-viewer
104,000.00			10/24/14		Key	11/13/14		Key
	PJC		10/30/14	11/24/14	PJC			

TOTAL COST 104,000.00 \$0

VII. DESCRIPTION OF BUILDING USE

A. RESIDENTIAL (primary use)

1. State Specific Use: _____
2. Use Group, Proposed: Select Group
3. Change in Use Group, Indicate Present: Select Group
4. No. of dwelling units: Total Units Income-restricted
Gained, Sale _____
Gained, Rental _____
Lost, Sale _____
Lost, Rental _____

B. NON-RESIDENTIAL (primary use)

1. State Specific Use: _____
2. Use Group, Proposed: Select Group
3. Change in Use Group, Indicate Present: Select Group

C. MIXED USE -List secondary use(s): _____

- D. Construct. Classification: Present _____
Proposed _____

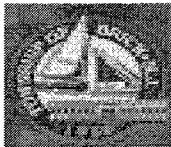
III. PLAN REVIEW (optional)

DO YOU WANT:

1. ☐ Partial Releases
2. ☐ Prototype Processing

IV. DOES OR WILL YOUR BUILDING CONTAIN ANY OF THE FOLLOWING?

1. ☐ Elevators/Escalators/Lifts/
Dumbwaiters/Moving Walks
2. ☐ High Pressure Boilers
3. ☐ Pressure Vessels
4. ☐ Refrigeration Systems
5. ☐ Cross-Connections/Backflow Preventers
6. ☐ Hazardous Uses/Places of Assembly
7. ☐ Sprinklers/Standpipes
8. ☐ Smoke Control Systems in Open Wells
9. ☐ Underground Storage Tanks
10. ☐ Swimming Pools, Spas and Hot Tubs
11. ☐ LPGas Tanks
12. ☐ Fire Alarm



Brick Township
401 Chambersbridge Rd
Brick, NJ 08723

Date Issued 7/12/2016
Control Number C-14-004618
Permit Number 14-3979
Permit Issue Date 12/8/2014
Certificate Number 14-3979

Certificate

Construction Code Division
(Certificate of Approval)

Identification

Work Site Location: 41 & DRUM POINT RD. Brick Township, NJ 08723 Block: 548 Lot: 21 Qual: _____
Owner in Fee: BRICK TOWNSHIP BOARD OF EDUCATION
Owner Address: 101 HENDRICKSON AVE BRICK NJ 08723
Telephone: (732) 785-3000
Contractor: C & M Door Controls, Inc.
Address: 20 Markley Street Port Reading NJ 07064
Telephone: (732) 596-1900 Fax: (732) 596-1992
License Number or Builders Registration Number: _____ Federal Emp. Number: 22-2035306

Home Warranty Number: _____

Type of Warranty Plan: ☐ State ☐ Private

Use Group: E Construction Classification: _____

Maximum Live Load: 0 Maximum Occupancy Load: 0

Description of Work/Use: ALTERATION - COMMERCIAL - DRUM POINT E.S. ...Exterior Door Replacement

Certificate Comments:

☐ **Certificate of Occupancy**

This serves notice that said building or structure has been constructed in accordance with the New Jersey Uniform Construction Code and is approved for occupancy.

☒ **Certificate of Approval**

This serves notice that the work completed has been constructed or installed in accordance with the New Jersey Uniform Construction Code and is approved. If the permit was issued for minor work, this certificate was based upon what was visible at the time of inspection.

☐ **Certificate of Continued Occupancy**

This serves notice that based on a general inspection of the visible parts of the building there are no imminent hazards and the building is approved for continued occupancy.

☐ **Temporary Certificate of Compliance**

The following conditions must be met no later than or the owner will be subject to fine or order to vacate:

This certificate has an expiration date of:

Conditions to be met:

☐ **Certificate of Clearance - Lead Abatement 5:17**

This serves notice that based on written certification, lead abatement was performed as per NJAC5:17 to the following extent.

- ☐ Total removal of lead-based paint hazards in scope of work
☐ Partial or limited time period (years); see file

☐ **Certificate of Clearance - Asbestos Abatement**

This serves notice that based on written certification, asbestos abatement was performed to the following extent.

- ☐ Total removal of asbestos hazards in scope of work
☐ Partial or limited time period (years); see file

☐ **Certificate of Compliance**

This serves notice that said potentially hazardous equipment has been installed and/or maintained in accordance with the New Jersey Uniform Construction Code and is approved for use until

☐ **Temporary Certificate of Occupancy**

The following conditions must be met no later than: or the owner will be subject to fine or order to vacate: This certificate has an expiration date of:

Conditions to be met:

Daniel Newman Jr.

* Construction Official

Fee: \$0.00

Check Number: _____

Collected By: _____

548/21

ELECTRICAL SUBCODE TECHNICAL SECTION



A. IDENTIFICATION—APPLICANT: COMPLETE ALL APPLICABLE INFORMATION. WHEN CHANGING CONTRACTORS, NOTIFY THIS OFFICE. CALL UTILITY DIG NO: 1-800-272-1000.

Block 548 Lot 0 21 Qualification Code CE
Work Site Location Drum Point ES, 41 Drum Point Rd, Brick, NJ 08723

Owner in Fee: Brick Board of Education

Tel. 732-785-3000 e-mail _____

Address 101 Hendrickson Ave, Brick, NJ 08724-2599

Contractor: D. Frederick Electric LLC Tel. 732 690-8984

Address 218 Jon Street, Old Bridge, NJ 08857 e-mail dnf127@aol.com

Contractor License No. 34EB01020600 Exp. Date 03/31/2015

Home Improvement Contractor Registration No. or Exemption Reason _____

Federal Emp. ID No. 20-5322278 FAX: _____

B. ELECTRICAL CHARACTERISTICS

Use Group Present Proposed _____

☐ Pole/Pad # _____ ☐ Temporary ☐ Other _____

Building Occupied as _____ Utility Co. _____

Est. Cost of Elec. Work \$ 12400 -

JOB SUMMARY (Office Use Only)		INSPECTIONS		Dates (Month/Day)	
PLAN REVIEW					
☐ No Plans Required		Type:	Failure	Failure	Approval
☐ Partial -Under-slab Utilities Approved		Rough			Initial
Date: _____	Approved by: _____	Barrier-Free			
☒ Electric Plans Approved	Date: <u>11/24/14</u>	Trench			
Date: <u>11/24/14</u>	Approved by: <u>PS</u>	Temp. Serv.			
Joint Plan Review Required:		Const. Serv.			
☐ Bldg. ☐ Plumb. ☐ Fire. ☐ Elev.		TCO			
SUBCODE APPROVAL for PERMIT		Other			
Date: <u>11/24/14</u>	Approved by: <u>PS</u>	Service			
Final		Barrier-Free			
Approved by: _____		Temp. Cut-in-Card Date Issued			
SUBCODE APPROVAL for CERTIFICATE		Final Cut-in-Card Date Issued			
☐ CO ☐ CCO		Annual Pool Inspection			
Date: _____		Date of Grounding and Bonding			
Approved by: _____		Certification			

C. CERTIFICATION IN LIEU OF OATH

I hereby certify that I am the (agent of), owner of record and am authorized to make this application and performance work listed on this application.

Applicant sign/Contractor sign and seal here.

Print name here: Douglas E. Frederick, Managing Member

☒ Licensed Elec. Contractor ☐ Certified Landscape Irrigation Contr ☐ Exempt Applicant

D. TECHNICAL SITE DATA

QTY.	SIZE	ITEMS	FEE (Office Use Only)
		Lighting Fixtures	
		Receptacles	
		Switches	
		Detectors	
		Light Poles	
		Motors—Fract. HP	
		Emergency & Exit Lights	
		Communications Points	
		Alarm Devices/F.A.C. Panel	
		<u>PS</u>	
		TOTAL NUMBERS	
		Pool Permit/with UW Lights	
		Storable Pool/Spa/Hot Tub	
		KW Elec. Range/Receptacle	
		KW Oven/Surface Unit	
		KW Elec. Water Heater	
		KW Elec. Dryer/Receptacle	
		KW Dishwasher	
		HP Garbage Disposal	
		KW Central A/C Unit	
		HP/KW Space Heater/Air Handler	
		KW Baseboard Heat	
		HP Motors 1/4 HP	
		KW Transformer/Generator	
		AMP Service	
		AMP Subpanels	
		AMP Motor Control Center	
		KW Elec. Sign/Outline Light	

Date Received 12/8/14
Control # 14-3979
Date Issued _____
Permit # _____

Administrative Surcharge \$	_____
Minimum Fee \$	_____
State Permit Surcharge Fee \$	_____
TOTAL FEE \$	_____



BUILDING SUBCODE TECHNICAL SECTION



copy

Date Received 10/8/2014
Control # C-14-004618
Date Issued 12/8/2014
Permit # 14-3979

A. IDENTIFICATION - APPLICANT: COMPLETE ALL APPLICABLE INFORMATION, WHEN CHANGING CONTRACTORS, NOTIFY THIS OFFICE. CALL UTILITY DIG NO: 1-800-272-1000

Block 548 Lot 21 Qualification Code

Work Site Location: 41 & 43 DRUM POINT RD, Brick Township, NJ 08723

Owner in Fee: BRICK TOWNSHIP BOARD OF EDUCATION

Address 101 HENDRICKSON AVE, BRICK NJ 08723

Tel. (732) 785-3000

Email

Contractor: C & M Door Controls, Inc.

Address 20 Markley Street, Port Reading NJ 07064

Email nfrderick@candoorcontrols.com

Tel. (732) 596-1900

Fax (732) 596-1992

Contractor License No. or, if new home, Bids Reg. No.

Exp.

Home Improvement Contractor Registration No. or Exemption Reason(s) (if applicable):

Federal Emp. ID No. 22-2035306

JOB SUMMARY (Office Use Only)

PLAN REVIEW Date Initial

- ☐ No Plan Required
☐ All
☐ Footing/Foundation
☐ Struct/Framework
☐ Exterior
☐ Interior
☐ Joint Plan Review Required
☐ Elec. ☐ Plumb. ☐ Fire ☐ Elevator
SUBCODE APPROVAL for PERMIT

Date: Approved by: 06/20/16

SUBCODE APPROVAL for CERTIFICATE

☐ CO ☐ CCO ☒ CA
Date: 06/20/16

B. BUILDING CHARACTERISTICS

Use Group Present Proposed

Constr. Class Present Proposed

Number of Stories

Height of Structure Ft.

Area - Largest Floor Sq. Ft.

New Bldg. Area / All Floors Sq. Ft.

Volume of New Structure Cu. Ft.

Total Land Area Disturbed Sq. Ft.

Proposed E If Industrial Building:

State Approved

HUD

Est. Cost of Bldg. Work:

1. New Bldg.

2. Rehabilitation \$104,000

3. Total (1+2) \$104,000

Sq. Ft.

INSPECTIONS

Type:	Failure	Dates (Month/Day)	Initial
Footing			
Footing Bonding			
Foundation			
Slab			
Frame			
Truss Sys./Bracing			
Barrier-Free			
Insulation			
Finishes-Base Layer			
Finishes-Final			
Energy			
Mechanical			
TCO			
Other			
Final			
Barrier-Free			

TYPE OF WORK

- ☐ New Building
☐ Addition
☒ Rehabilitation
☐ Roofing
☐ Siding
☐ Fence Height (exceeds 6')
☐ Sign Sq. Ft.
☐ Pool
☐ Retaining Wall Sq. Ft.
☐ Asbestos Abatement Subchapter 8
☐ Lead Haz Abatement NJAC 5:17
☐ Radon Remediation
☐ Other
☐ Demolition

D. TECHNICAL SITE DATA

Signature

Print Name Here:

DESCRIPTION OF WORK

ALTERATION - COMMERCIAL, - DRUM POINT E.S. ... Exterior Door Replacement

FEE (Office Use Only)

\$3,600

Administrative Surcharge

Minimum Fee

State Permit Surcharge Fee

TOTAL FEE

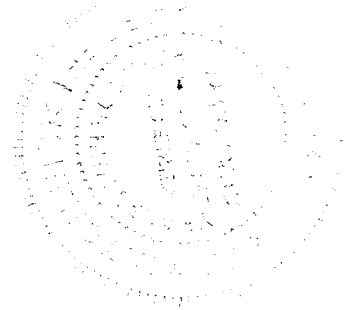
11 18 15

SUPPORT WIRE + MC

LOW VOLTAGE EXT. PERMIT. WITH
CONTACTS -

FIRE PENETRATION -

© tech



3-15-16 pm opening at Boston Double Doors allow RR in and snow to
enter on the floor causing Hazard condition

Batch copy

CERTIFICATION IN LIEU OF OATH

I. OWNER SECTION (to be completed if the applicant is the owner in fee)

I hereby certify that I am the owner in fee of the property listed on Page 1.

Mark the following applicable boxes:

- A. ☐ I further certify that a new home (private residence) will be constructed on this property for my own use and occupancy. This dwelling is to be occupied by myself and is not to be used for any purpose other than single family residential use. I attest that all construction, plumbing, or electrical work will be done, in whole or in part, by me or by subcontractors under my supervision, in accordance with all applicable laws; and, I further acknowledge that said new home is not covered under the New Home Warranty and Builders Registration Act (N.J.S.A. 46:3B-1 et seq.) and that such fact shall be disclosed to any person purchasing this property within ten years of the date of issuance of a certificate of occupancy.

I UNDERSTAND THAT IN MARKING BOX A, I ACKNOWLEDGE THAT I AM ASSUMING RESPONSIBILITY FOR THE WORK DONE ON SAID PROPERTY, THE CONDITION OF THE PROPERTY PRIOR TO, DURING, AND AFTER ANY WORK PERFORMED, AND FOR THE PERFORMANCE OF THE SUBCONTRACTORS I HIRE, EMPLOY, OR OTHERWISE CONTRACT OR WITH WHOM I MAKE AGREEMENTS TO PERFORM WORK. I AM VOLUNTARILY AND KNOWINGLY ASSUMING THIS RESPONSIBILITY.

- B. ☐ I further certify the following as required by the New Jersey Uniform Construction Code, N.J.A.C. 5:23-2.15(f)1.ix:

I personally prepared the plans submitted for: 1) the new home referred to in A.; or, 2) an addition, alteration, renovation, or repair to an existing single family residence owned and occupied by myself and located on the property listed on Page 1; or, 3) a new structure that will be physically separate from, but that will be deemed part of, an existing single family residence that is owned and occupied by myself and located on the property listed on Page 1.

- C. ☐ I further certify that I will perform or supervise the following work:

C.1. ☐ Building C.2. ☐ Fire Protection

I further certify that I will perform the following work:

C.3. ☐ Electrical C.4. ☐ Plumbing

- D. ☐ I agree to advise all contractors on this project that they are required to be registered with the New Jersey Division of Taxation and to comply with all New Jersey tax laws.

I further certify the following as required by the Uniform Construction Code, N.J.A.C. 5:23-2.15(a)5: All required State, county, and local prior approvals have been given, including such certification as the construction official may require.

I understand that if any of the above statements are willfully false, I am subject to punishment.

Signature _____ Date _____

II. AGENT SECTION (to be completed if the applicant is not the owner in fee)

I hereby certify the following as required by the Uniform Construction Code, N.J.A.C. 5:23-2.15(d): the proposed work is authorized by the owner in fee; and I have been authorized by the owner in fee to make this application as his agent.

I further certify the following as required by the Uniform Construction Code, N.J.A.C. 5:23-2.15(a)5: All required State, county, and local prior approvals have been given, including such certification as the construction official may require.

I agree to advise all contractors on this project that they are required to be registered with the New Jersey Division of Taxation and to comply with all New Jersey tax laws.

I understand that if any of the above statements are willfully false, I am subject to punishment.

(x) Check if contractor.

Agent Name John A. O'Keefe, President of C&M Door Controls, Inc.

Address 20 Markley Street, Port Reading, NJ 07064

Telephone 732-593-1900

Signature _____

III. ☐ LEAD HAZARD ABATEMENT: Include Homeowner or Building Owner Affidavit as per N.J.A.C. 5:17.



Brick Township
401 Chambersbridge Rd
Brick, NJ 08723

Permit Number
14-3979

Inspection Activity Report

Inspections for Permit Number 14-3979

Inspection Date	Inspection Type	Inspector	Subcode	Result	Owner	Location	Work Type	Work Description	Inspection Comments
11/18/2015	Final	Michael Vecchio	Building	Cancelled	BRICK TOWNSHIP BOARD OF EDUCATION 41 & 43 DRUM POINT RD.	Alteration	ALTERATION - COMMERCIAL		
11/18/2015	Final	Thomas Olson	Electrical	Fail	BRICK TOWNSHIP BOARD OF EDUCATION 41 & 43 DRUM POINT RD.	Alteration	ALTERATION - COMMERCIAL	Bushings needed Support wire Low voltage permit needed	
12/07/2015	Final	Patrick Callahan	Electrical	Pass	BRICK TOWNSHIP BOARD OF EDUCATION 41 & 43 DRUM POINT RD.	Alteration	ALTERATION - COMMERCIAL		
01/19/2016	Final	Michael Vecchio	Building	Fail	BRICK TOWNSHIP BOARD OF EDUCATION 41 & 43 DRUM POINT RD.	Alteration	ALTERATION - COMMERCIAL		not all doors operate properly and this is mark on the released plan
03/10/2016	Final	Peter McNamara	Building	Fail	BRICK TOWNSHIP BOARD OF EDUCATION 41 & 43 DRUM POINT RD.	Alteration	ALTERATION - COMMERCIAL		opening at bottom double doors allow rain and snow to enter on tile floor causing slippery and hazard condition.



BUILDING SUBCODE TECHNICAL SECTION



A. IDENTIFICATION—APPLICANT: COMPLETE ALL APPLICABLE INFORMATION. WHEN CHANGING CONTRACTORS, NOTIFY THIS OFFICE. CALL UTILITY DIG NO: 1-800-272-1000.

Block 548 Lot 2 Qualification Code _____
Work Site Location Drum Point ES, 41 Drum Point Rd, Brick, NJ 08723

Owner in Fee: Brick Board of Education

Tel. 732-785-3000 e-mail _____

Address 101 Hendrickson Ave, Brick, NJ 08724-2599

Contractor: C&M Door Controls, Inc. municipally Tel. 732-596-1900 zip code _____

Address 20 Markley Street e-mail nfrederick@candoorcontrols.com

Port Reading, NJ 07064

Contractor License No. or Builder Registration No. _____

Exp. Date _____

Home Improvement Contractor Registration No. or Exemption Reason _____

Federal Emp. ID No. 22-2035306

FAX: 732-596-1992

JOB SUMMARY (Office Use Only)

PLAN REVIEW	Date	Initial	INSPECTIONS	Type:	Failure	Dates (Month/Day)	Approval	Initial
☐ No Plans Required								
☒ All	<u>11/13/14</u>	<u>WJ</u>		Footings				
☐ Footings/Foundations				Footings Bonding				
☐ Structural/Framework				Foundation				
☐ Exterior				Slab				
☐ Interior				Frame				
☐ Truss Sys./Bracing								
Joint Plan Review Required:				Barrier-Free				
☐ Elec. ☐ Plumb. ☐ Fire ☐ Elevator				Insulation				
SUBCODE APPROVAL for PERMIT				Finishes -Base Layer				
Date: <u>11/13/14</u>				Finishes -Final				
Approved by: <u>WJ</u>				Energy				
SUBCODE APPROVAL for CERTIFICATE				Mechanical				
☐ CO ☐ CCO ☐ CA				TCO				
Date: _____				Other				
Approved by: _____				Final				
				Barrier-Free				

B. BUILDING CHARACTERISTICS

Use Group Present _____ Proposed _____

No. of Stories _____

Height of Structure _____ ft.

Area — Largest Floor _____ sq. ft.

New Bldg. Area/All Floors _____ sq. ft.

Volume of New Structure _____ cu. ft.

Max. Live Load _____

Max. Occupancy Load _____

Const. Class Present _____ Proposed _____

If Industrialized Building: State Approved _____ HUD _____

Est. Cost of Bldg. Work:

1. New Bldg. \$ 104,000.00

2. Rehabilitation \$ 104,000.00

3. Total (1 + 2) \$ 208,000.00

C. CERTIFICATION IN LIEU OF OATH

I hereby certify that I am the agent of owner of record and am authorized to make this application.

Sign here: _____

Print name here: John A. Okse, President

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK

Exterior Door Replacement

TYPE OF WORK:

- ☐ New Building
- ☐ Addition
- ☐ Rehabilitation
- ☐ Roofing
- ☐ Siding
- ☐ Fence _____ Height (exceeds 6') _____ Sq. Ft.
- ☐ Sign _____ Sq. Ft.
- ☐ Pool
- ☐ Retaining Wall _____ Sq. Ft.
- ☐ Asbestos Abatement Subchapter 8
- ☐ Lead Haz. Abatement NJAC 5:17
- ☐ Radon Remediation
- ☒ Other _____ Doors Replacement
- ☐ Demolition

FEE (Office Use Only)

Administrative Surcharge \$ _____

Minimum Fee \$ _____

State Permit Surcharge Fee \$ _____

TOTAL FEE \$ _____

ELECTRICAL SUBCODE TECHNICAL SECTION



A. IDENTIFICATION—APPLICANT: COMPLETE ALL APPLICABLE INFORMATION. WHEN CHANGING CONTRACTORS, NOTIFY THIS OFFICE. CALL UTILITY DIG NO. 1-800-272-1000.

Block 903 Lot 4 Qualification Code
Work Site Location Drum Point ES, 41 Drum Point Rd., Brick, NJ 08723

Owner in Fee: Brick Board of Education

Tel. 732-785-3000 e-mail

Address 101 Hendrickson Ave., Brick, NJ 08724-2599

street

municipality

zip code

Contractor: D. Frederick Electric LLC

Tel. 732

690-8984

Address 218 Jon Street, Old Bridge, NJ 08857

e-mail dnf127@aol.com

Contractor License No. 34EB01020600

Exp. Date 03/31/2015

Home Improvement Contractor Registration No. or Exemption Reason

Federal Emp. ID No. 20-5322278

FAX:

B. ELECTRICAL CHARACTERISTICS

Use Group Present Proposed

☐ Pole/Pad # ☐ Temporary ☐ Other

Building Occupied as Utility Co.

Est. Cost of Elec. Work \$ 1000.00

JOB SUMMARY (Office Use Only)

PLAN REVIEW	INSPECTIONS	Dates (Month/Day)
☐ No Plans Required	Type: <u> </u>	Failure <u> </u> Approval <u> </u> Initial <u> </u>
☐ Partial - Underslab Utilities Approved	Rough <u> </u>	
Date: <u> </u> Approved by: <u> </u>	Barrier-Free <u> </u>	
☒ Electric Plans Approved	Trench <u> </u>	
Date: <u>1/24/15</u> Approved by: <u> </u>	Temp. Serv. <u> </u>	
Joint Plan Review Required:	Const. Serv. <u> </u>	
☐ Bldg. ☐ Plumb. ☐ Fire. ☐ Elev.	TCO <u> </u>	
SUBCODE APPROVAL for PERM <u> </u>	Other <u> </u>	
Date: <u>1/24/15</u> Approved by: <u> </u>	Service <u> </u>	
SUBCODE APPROVAL for CERTIFICATE <u> </u>	Final <u> </u>	
☐ CO ☐ CCO ☐ CA	Barrier-Free <u> </u>	
Date: <u> </u>	Temp. Cut-in-Card Date Issued <u> </u>	
Approved by: <u> </u>	Final Cut-in-Card Date Issued <u> </u>	
	Annual Pool Inspection <u> </u>	
	Date of Grounding and Bonding Certification <u> </u>	

C. CERTIFICATION IN LIEU OF OATH

I hereby certify that I am the (agent or) owner of record and am authorized to make this application and perform the work listed on this application.

Applicant sign/Contractor sign and seal here:

Print name here: Donald F. Frederick, Managing Member

☒ Licensed Elec. Contractor ☐ Certif'd Landscape Irrigation Contr ☐ Exempt Applicant

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK:

QTY: 3

SIZE 0

ITEMS Lighting Fixtures

Receptacles

Switches

Detectors

Motors—Fract. HP

Emergency & Exit Lights

Communications Points

Alarm Devices/F.A.C. Panel

PS

TOTAL NUMBERS

Pool Permit/with UW Lights

Storable Pool/Spa/Hot Tub

KW Elec. Range/Receptacle

KW Oven/Surface Unit

KW Elec. Water Heater

KW Elec. Dryer/Receptacle

KW Dishwasher

HP Garbage Disposal

KW Central A/C Unit

HP/KW Space Heater/Air Handler

KW Baseboard Heat

HP Motors 1/4 HP

KW Transformer/Generator

AMP Service

AMP Subpanels

AMP Motor Control Center

KW Elec. Sign/Outline Light

Administrative Surcharge \$

Minimum Fee \$

State Permit Surcharge Fee \$

TOTAL FEE \$



CONSTRUCTION PERMIT

Date Issued 12/8/14
Control # C-14-004618
Permit # 14-3179

IDENTIFICATION Block: 548 Lot: 21 Qualifier _____
Work Site Location: 41 & 43 DRUM POINT RD. Brick Township, NJ Contractor C & M Door Controls, Inc.
08723 Address 20 Markley Street Port Reading NJ 07064
Owner in Fee BRICK TOWNSHIP BOARD OF EDUCATION
101 HENDRICKSON AVE BRICK NJ 08723 Telephone: (732) 596-1900
Telephone: (732) 785-3000 Lic. No. or Bldrs. Reg. No. _____
Federal Employee No. 22-2035306

Is hereby granted permission to perform the following work:

- ☒ BUILDING ☐ PLUMBING ☐ LEAD HAZARD ABATEMENT
☒ ELECTRICAL ☐ FIRE PROTECTION ☐ DEMOLITION
☐ ELEVATOR DEVICES ☐ ASBESTOS ABATEMENT (Subchapter 8 only) ☐ OTHER

DESCRIPTION OF WORK:

ALTERATION - COMMERCIAL - DRUM POINT E.S. Exterior Door Replacement

Note: If construction does not commence within one (1) year of date of issuance, or if construction ceases for a period of six (6) months, this permit is void.

Estimated Cost of Work \$105,200

Daniel A. Newman Jr.
Construction Official

11/25/14
Date

U.C.C. F170
equiv (rev 1/04)

1 WHITE - INSPECTOR

2 CANARY - OFFICE

3 PINK - TAX ASSESSOR

4 GOLD - APPLICANT

PAYMENTS (Office Use Only)

Building	\$0
Electrical	\$0
Plumbing	\$0
Fire Protection	\$0
Elevator Devices	\$0
Other	\$0.00
DCA Training Fee	\$0
CO Fee	\$0
Other	\$0
Total	\$0
Check No.	<u>6</u>
Cash	\$0
Credit	\$0
Collected By	_____

REQUIRED INSPECTIONS

Construction work must be inspected in accordance with the State Uniform Construction Code Regulations N.J.A.C. 5:23-2.18. This agency will carry out such periodic inspections during the progress of work as are necessary to insure that the work installed conforms with the requirements of the Uniform Construction Code.

The owner or other responsible person in charge of work must notify this agency when work is ready for any required inspections specified below. Requests for inspections must be made at least 24 hours prior to the time the inspection is desired. Inspections will be performed within three business days of the time for which they are requested. The work must not proceed in a manner which will preclude the inspection until it has been made and approval granted.

☒ Required inspections for all subcodes for one- and two-family dwellings are as follows:

1. The bottom of footing trenches before placement of footings, except that in cases of pile foundations, inspections shall be made in accordance with the requirements of the building subcode.
2. Foundations and all walls up to grade level prior to back filling.
3. All structural framing, connections, wall and roof sheathing and insulation; electrical rough wiring, panel and service installation; rough plumbing. The framing inspection shall take place after the rough electrical and plumbing inspections and after the installation of the heating, ventilation and /or air conditioning duct system. The insulation inspection shall be performed after all other subcode rough inspections and prior to the installation of any interior finish material.
4. Installation of all finished materials, sealings of exterior joints, plumbing piping, trim and fixtures; electrical wiring, devices and fixtures; mechanical systems equipment.

Additional required inspections for all subcodes of construction, for other than one- and two-family dwellings, are fire suppression systems, heat producing devices and Barrier Free subcode accessibility, if applicable.

☐ Required special inspections. The applicant by accepting the permit will be deemed to have consented to these requirements:

- ☒ A final inspection is required for each applicable subcode area before a final Certificate of Occupancy or Approval may be issued. The final inspections include the installation of all interior and exterior finish materials, sealing of exterior joints, mechanical system and other required equipment; electrical wiring, devices and fixtures; plumbing pipes, trim and fixtures; tests required by any provision of the adopted subcodes, Barrier Free accessibility, if applicable; and verification of compliance with NJAC 5:23-3.5, "Posting structures".

- ☒ A complete copy of released plans must be kept on the job site.

If you do not understand any of this information, please ask.



Brick Township
401 Chambersbridge Rd
Brick, NJ 08723
(732) 262-1030

faxed both 11/14/14
11/14/14 faxed 732-596-1992

Subcode Official Review

Date: Thursday, October 30, 2014

To: BRICK TOWNSHIP BOARD OF
EDUCATION
101 HENDRICKSON AVE
BRICK, NJ 08723

RE: Electrical Subcode
Block: 548 Lot: 21 Qual:
41 & 43 DRUM POINT RD.
Permit Number: Control Number: C-14-004618
Last Submit Date: Thursday, October 30, 2014

Dear BRICK TOWNSHIP BOARD OF EDUCATION,

Your request is hereby denied based upon the following infractions.

Provide specifications for control devices and correct total quantities.

Sincerely,

Patrick Callahan, Subcode Official

CC:

* * * Communication Result Report (Nov. 14. 2014 9:02AM) * * *

1)
2)

Date/Time: Nov. 14. 2014 9:01AM

File No. Mode	Destination	Pg(s)	Result	Page Not Sent
5274 Memory TX	97325961992	P. 1	OK	

Reason for error

E. 1) Hang up or line fail
E. 3) No answer
E. 5) Exceeded max. E-mail size

E. 2) Busy
E. 4) No facsimile connection
E. 6) Destination does not support IP-Fax



Brick Township
401 Chambersbridge Rd
Brick, NJ 08723
(732) 262-1030

faxed with 11/14/14
11-11-14 faxed 732-596-1992

Subcode Official Review

Date: Thursday, October 30, 2014

To: BRICK TOWNSHIP BOARD OF
EDUCATION
101 HENDRICKSON AVE
BRICK, NJ 08723

RE: Electrical Subcode
Block: 548 Lot: 21 Quat:
41 & 43 DRUM POINT RD.
Form# Number: Control Number: C-14-004618
Last Submit Date: Thursday, October 30, 2014

Dear BRICK TOWNSHIP BOARD OF EDUCATION,
Your request is hereby denied based upon the following infractions.
Provide specifications for control devices and correct total quantities.

Sincerely,

Patrick Callahan, Subcode Official

CC:



State of New Jersey

DEPARTMENT OF EDUCATION

PO Box 500

TRENTON, NJ 08625-0500

CHRIS CHRISTIE
Governor

KIM GUADAGNO
Lt. Governor

CHRISTOPHER D. CERF
Commissioner

January 6, 2014

Dr. Walter Uszenski, Superintendent
Brick Township School District
101 Hendrickson Avenue
Brick, NJ 08724

RE: FINAL ELIGIBLE COSTS: (FEC) DETERMINATION OF A SCHOOL FACILITIES PROJECT FOR A REGULAR OPERATING DISTRICT, NOT INCLUDING A COUNTY VOCATIONAL SCHOOL DISTRICT, SEEKING A GRANT PURSUANT TO THE EDUCATIONAL FACILITIES CONSTRUCTION AND FINANCING ACT (EFCFA), P.L. 2000, c.72, AS AMENDED.

THIS PROJECT DOES NOT IMPACT EDUCATIONAL ADEQUACY AND IS NOT SUBJECT TO DOE FINAL EDUCATIONAL ADEQUACY REVIEW

**State Project # 0530-030-14-1009 – G04
Drum Point Elementary School
Bricktown School District
Ocean County**

Dear Dr. Uszenski:

Your District has submitted an application for a school facilities project pursuant to Section 5 of the Educational Facilities Construction and Financing Act, P.L. 2000, c.72 ("EFCFA" or the "Act") and the New Jersey Department of Education implementing regulations at N.J.A.C. 6A:26-1 et seq. ("Regulations"). The New Jersey Department of Education-Office of School Facilities ("Department") reviewed the project application, and based on its review, issued a letter of approval. At this time, the Department hereby makes the following determination on final eligible costs ("FEC") pursuant to N.J.S.A. 18A:7G-5 and N.J.A.C. 6A:26-3.6.

**a. State funding support
Grant**

b. Determination of FEC

The District did not appeal the determination of PEC. Therefore, the PEC becomes the FEC.

The District's aid percentage as defined in Section 3 of the Act, N.J.S.A. 18A:7G-3 is 7.7786%, and State share will be equal to 100% of that percentage, except that it will not be less than 40% of final eligible costs.

Pursuant to N.J.S.A. 18A:7G-5, the following are FEC for the school facilities project and the State and local share:

Total Project Costs	\$180,000
Total State Share of Project Costs	\$72,000
Total Local Share of Project Costs	\$108,000

II. Conclusions:

This letter has provided a determination with respect to FEC. FEC establishes a **maximum** dollar amount of eligible costs. If the local share is less than the dollar amount stated in this letter, the State share will be decreased proportionally. The State share may also be adjusted downward if the total costs to complete the school facilities project are less than the amount of FEC stated in this letter. If the project has additional costs they shall be funded through local share.

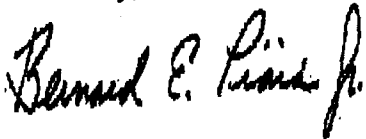
Please be advised that no school facilities project will be constructed unless, if there is a local support amount, such local support has received approval as set forth in N.J.A.C. 6A:26-3.7. Districts issuing school bonds to fund any part of the local support must notify the Finance Office in the Department and the Executive County Superintendent of schools when approval is obtained, provide each with the schedule for issuance of school bonds, and notify the Executive County Superintendent within 30 days of the issuance of the school bonds. In accordance with N.J.A.C. 6A:26-18.5, districts must obtain the local share within 18 months of the date of this letter (date of the FEC determination). If the District has elected State support in the form of a grant, it must add the New Jersey Schools Development Authority ("NJSDA") to the parties notified. If the District determines to fund the entire local support through a means other than school bonds, it must obtain approval of necessary line-items in the budget, obtain separate voter or board of school estimate approval of the expenditure of local support, or make withdrawals from capital reserve in accordance with N.J.A.C. 6A:26-3.7 and regulations referenced therein, or evidence of approval and financial commitment to fund a lease purchase agreement. If the local share is funded through sources other than school bonds, such as gifts, grants, other private sources, or other public funds such as municipal surplus, the District must

provide the NJSDA evidence that the funds have been committed and are authorized for use for the school facilities project pursuant to the terms of the funding source and applicable law.

The district may advance the project, including review for Uniform Construction Code ("UCC") compliance as required. If the district submitted a Release Request Form with its project application requesting municipal code enforcing agency review of plans for UCC conformance, the Department forwarded the form to the New Jersey Department of Community Affairs with a copy of the project determination letter for their action. If a Release Request Form was not submitted with the project application and the district prefers to have the municipal code enforcing agency review its plans for UCC conformance, a completed Release Request Form including State project number should be sent directly to the New Jersey Department of Community Affairs, Division of Codes and Standards, Education Unit.

Please contact Glenn Ferguson, manager, Office of School Facilities, at (609) 943.5674 with any questions regarding this matter.

Sincerely,



Bernard E. Piaia, Jr.
Director, Office of School Facilities

BEP:FL:gef

c: Christopher D. Cerf, Commissioner
Frank LoDolce, Regional Director, Office of School Facilities
Glenn Ferguson, Manager, Office of School Facilities
James Edwards, School Business Administrator
Dicara Rubino Architects

Patrick Callahan

From: Nenetta Frederick <nfrederick@cmdoorcontrols.com>
Sent: Thursday, November 20, 2014 4:02 PM
To: Patrick Callahan
Subject: BRICK BOARD OF EDUCATION
Attachments: brick elec spec.pdf

Mr. Callahan,

*As per our conversation, attached please find the specifications for the "Power Supplies" to be installed at Brick Township Board of Education .
Control Number C-14-004614, C-14-004620 and C-14-004618 are the permits applications that are being denied.*

If you need anything further, feel free to contact me at 732-596-1900 ext. 20 or nfrederick@cmdoorcontrols.com

**Thank you,
Nenetta Frederick
Contract Administrator
C&M Door Controls, Inc.
732-596-1900 ext. 20
nfrederick@cmdoorcontrols.com**

TOWNSHIP OF BRICK		
RELEASED FOR PERMIT	INITIAL	DATE
Building Subcode _____		
Fire Subcode _____		
Electrical Subcode _____		
Plan Reviewer _____	<i>PJE</i>	<i>11/24/14</i>
Plans Released _____		
Construction Official _____		

VON DUPRIN.

PS914 4 amp Power Supply (Von Duprin)

Overview

Von Duprin's power supply and option boards were designed to meet the specific requirements of electrified fire exit devices.

Installation is simplified by utilizing a flat mounting design and polarized locking connectors for option boards. This new design eliminates the need for racks and side connectors. The flat mounting of the option boards also provides for easier access to the terminal blocks for connection of electrified devices (such as electrified panic devices, strikes, card readers, etc).

Common to the line of PS900 Series power supplies is a constant output rating at both 12v and 24v settings, universal 120 VAC to 240 VAC input, and polarized option board connectors. New fire alarm interface board mounting allows outputs to be configured as switched (power cut) or unswitched (power continues) when signal provided.

* All PS900 Series of power supplies and option boards have been tested and certified to meet UL 294.

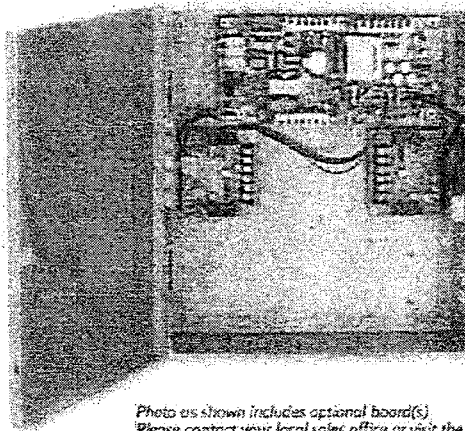


Photo as shown includes optional board(s)
Please contact your local sales office or visit the support
section on our website for configuration assistance.

System Components
PS914 Power Supply

Features and Benefits

- 4A @ 12/24 VDC output, field selectable with jumper
- Designed with high in rush current for powering electrified panic devices
- Universal 120-240 VAC input
- Low voltage DC, regulated and filtered
- Electronic power limiting foldback circuit for AC current overload protection
- Two polarized connectors for distribution boards
- Fused primary input
- AC status monitor - isolated SPDT contacts
- AC input and DC output LED status indicators
- Cover mounted AC input indication
- Hinged cover w/ lock down screws
- High voltage protective cover

OPTIONS

- Emergency Interface/ Fire Alarm Relay (FA)
 - Must be installed on distribution boards
- Key lock available for added security (KL)
- Battery Backup
- 2 relay EL panic device control board
- 2 relay QEL panic device control board
- 4 relay distribution board
- 4 relay distribution board with logic
 - Field configurable for:
 - Time delay function
 - Auto operator
 - Security interlock
- 8 fused output distribution board
- 8 PTC output distribution board

PS914 Power Supply Specifications	
Specification	Description
Input Voltage	120/240 VAC, 50/60 Hz, universal input
Output Voltage	4A @ 12 or 24 VDC Field selectable with jumper Switching supply, 5% regulation, 360mVpp max ripple
Enclosure	Grey / Baked enamel 14"H x 12"W x 4"D Eight 1/2" x 3/4" Knockouts Hinged cover with lock down screws
Operating Temperature	32°-120° F (0°-49° C)
Certifications	UL 294 RoHS FCC Part 15 Class 2
Option Board Compatibility	900-BB: Battery Backup 900-BAT: Backup Battery Pack 900-BBK: Battery Backup Kit (backup board and battery pack) 900-FA: Fire Alarm (Must be installed on distribution boards) 900-2RS*: 2 Relay EL Panic Device Control Board 900-4R*: 4 Relay Output Board 900-4RL*: 4 Relay Logic Board 900-6F*: Fused 8 Zone Distribution Board 900-6P*: PTC 8 Zone Distribution Board
AC Primary Fuse Size	6.3A, 250v, 5 x 20mm SLOW-BLOW
Battery Fuse Size	7.5A 32v ATD blade style
DC Output Protection	Overload protection - current limited foldback circuit
Indicators	LED indicators: -AC input (visible on outside of enclosure) -DC output Isolated SPDT contacts to monitor AC power status
Weight (Power Supply)	Approx. 5.0 lbs
Weight (Each Battery)	4.0 lbs
AC Input Termination	3 position terminal block with protective cover Wire capacity: 10 AWG max.
DC Output Termination	2 position terminal block Wire capacity: 12 AWG max.
Distribution board connectors	2
Fire Alarm board connector	No
Keylock	Optional

*Optional distribution boards available with or without FA (Fire Alarm Relay)



EL/QEL Electric latch retraction

EL Electric latch retraction

The EL feature allows for the remote unlatching of exit devices. A control station operator can flip a switch to retract the latch bolt and immediately change an exit door to push-pull operation. A powerful, continuous duty solenoid retracts the latch bolt, either for momentary unlatching, or for extended periods of time. The EL feature is an alternative to manual dogging.

If manual hex-key dogging is required, specify HD-EL. If cylinder dogging is required, the standard cylinder dogging is not available, but special center case dogging is available, specify SD-EL. SD-EL is not available on the 9875 or 9975 devices.

EL devices are also useful with automatic door operators, and may be applied to fire-rated applications when under the control of an automatic fire alarm system.

UL approved for Class II circuit applications.

The EL option does not include the power transfer from door to frame, the power supply, or the control operator. Refer to EPT-2 power transfer and the PS914 power supply.

The PS914 with the 9C02RS option card is the minimum option card required. Other option cards available for other functions, see PS914 power supply for additional information.

Solenoid specifications:
Continuous duty - 24 VDC
Current inrush - 16 Amps
Current holding - 0.3 Amps

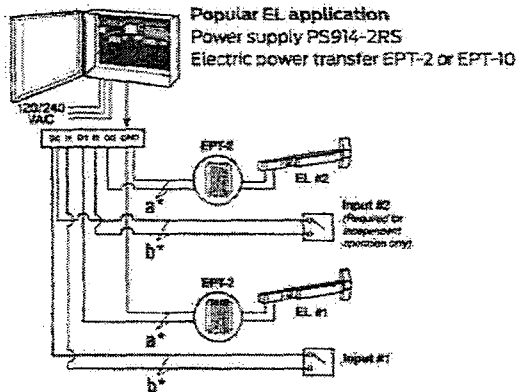
Solenoid resistance:
-gm-yel 1.2 - 2.2 OHMS
-gm-org 100 - 150 OHMS

To order, specify:

Standard - use prefix EL, example EL99L.

Hex Key dogging - Use prefix HD-EL, example HD-EL99L.

special center case dogging - Use prefix SD-EL, example SD-EL99L.



Von Duprin exit device	EL Wire length (feet) ¹	Wire gauge (AWG)
EL 98/99 Rim	0-500	12
EL 33A/35A Rim	0-300	14
	0-200	16
All other 98/99EL and EL 33A/35A device types	0-250	12
	0-150	14
	0-100	16
Control Switch	0-1200	18

1. Wire lengths include an EPT, Door lock, electric hinge or pivot and are measured one way between the PS914 option board and this device.
2. Table is applicable to devices that have shipped after August 2012.

QEL Quiet electric latch retraction

The QEL feature allows for the remote unlatching of exit devices. A control station operator can flip a switch to retract the latch bolt and immediately change an exit door to push-pull operation. Different than the popular EL, the QEL quiet operation is achieved using an electric drive motor which retracts the latch bolt either momentary unlatching or for extended periods of time. This feature is an alternative to manual dogging.

If cylinder dogging is required, the standard cylinder dogging is not available, but special center case dogging is available, specify

SD-QEL. SD-QEL is not available on the 9875 or 9975 devices.

QEL devices are also useful with automatic door operators, and may be applied to fire-rated applications when under the control of an automatic fire alarm system.

UL approved for Class II circuit applications.

The QEL option does not include the power transfer from door to frame, the power supply, or the control operator. Refer to EPT-2 power transfer and the PS902 or 914 power supply.

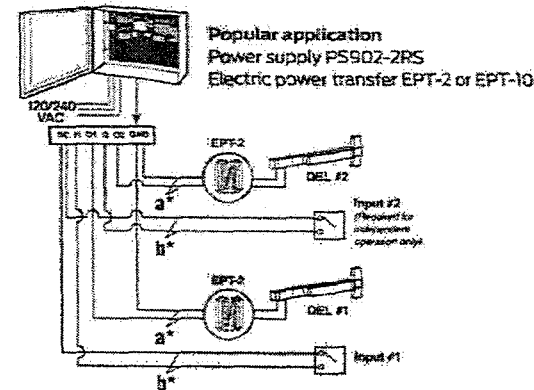
The PS902/914 with the 2RS, 4RL or 4R board is the minimum required. Other option boards available for other functions, see PS902/914 power supply for additional information.

QEL Electrical load	
Voltage	24VDC
Current	1.4 A Inrush (0.5 sec.)
	0.14 A Holding
	2.0 A Calibrate (3 sec. one time)

To order, specify:

Standard - use prefix QEL, example QEL99L.

Special center case dogging - use prefix SD-QEL, example SD-QEL99L.



a*	Distance (one-way)	Wire gauge
	200'	18 AWG
	320'	16 AWG
	500'	14 AWG
	800'	12 AWG

b*	Wire selection	Switch wire size
	1200 ft. Max.	18 gauge standard

Electric power transfer accessories

EPT Electrical power transfer

PNT Pneumatic transfer

Electric Power Transfer provides a means of transferring electrical power from a door frame to the edge of a swinging door. The units are completely concealed when the door is in the closed position, and are ideal for installations involving abuse or heavy traffic.

Two models are available; EPT-2, two 18 gauge wires and EPT-10, ten 24 gauge wires. The EPT-2 and EPT-10 are U/L listed as "miscellaneous door accessory".

UL Listed for use on fire doors

Door applications:

up to 5" butt hinges - 180° swing,

5 1/2" butt hinges - 130° swing,

6" butt hinges - 110° swing,

7/8" butt offset pivots 180° swing.

Not for use with swing clear hinges or center-hung pivots.

Finishes

SP2B (sprayed aluminum)

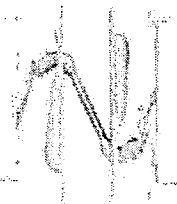
SP313 (sprayed duranodic)

Dimensions

Housing	9" x 1 1/4" x 1 1/4" (229mm x 32mm x 38mm)
EPT-2	Two 18 gauge wires, Up to 2 AMPS @ 24VDC, with a 16 AMPS Maximum Surge
EPT-10	Ten 24 gauge wires, Up to 1 AMPS @ 24VDC, with a 16 AMPS Maximum Surge
PNT	1/4" Tubing

To order, specify:

1. EPT-2, EPT-10 or PNT-1.
2. Finish, SP2B or SP313.



Electromagnetic locks

Schlage has a rich heritage in electronic security. For years we have led the industry by providing a broad portfolio of solutions to meet the diverse needs of the market. Today, our electromagnetic locking portfolio continues to evolve to meet your changing needs.

Schlage electromagnetic locks are used to secure the door in conjunction with push bars, request to-exit devices, or credential readers for fail-safe applications when code compliance permits. You can use them on a single standalone door or as part of an access control system. Electromagnetic locks do not contain moving parts, making them extremely durable and preferred for high security applications.

Electromagnetic locks consist of an armature and a coil assembly, which become magnetized when an electric current passes through them. This magnetic field secures the door. Electromagnetic locks are fail-safe by design. To unlock the door simply remove power.

M400 Series electromagnetic locks

The M400 Series is a robust line of electromagnetic locks with unique new design elements that make them easy to install and secure.

Features:

- Auto voltage selection is standard
- Plus Package (P) adds magnetic bond sensor, relocking time delay, door status monitor
- Optional mounting kits available including: Top Jamb Mount, Double and Glass Door

Certifications:

- UL 1034
- UL 10C 3 hour fire rating
- BHMA Grade I
 - M420 - 500 lb. hold force for traffic control
 - M450 - 1000 lb. hold force for high security
 - M490 - 1500 lb. hold force for max security

Electromagnetic specialty locks

Schlage's electromagnetic specialty locks provide flexibility for a variety of applications. They offer a depth of features and a proven record of performance.

Features and certifications:

- M490DE:** Delays egress with 15 second timer; includes integrated alarm
 - Designed to meet NFPA 101 & BOCA, UL 10C 3 hr fire rating, UL 294, and BHMA 1500 lb. hold force
- M490G:** Gate lock is weather resistant for exterior swinging and sliding gates
 - BHMA 1500 lb. hold force rated GF3000: Concealed locking mechanism enhances security and appearance
- UL 10C 3 hr fire rating, BHMA 1500 lb. hold force 320M: MiniLine is mortise designed for interior sliding doors
- UL 10C 3 hr fire rating, UL 1034 listed

40/70 Series Electromagnetic Locks

Ease of installation makes the 40/70 Series a perfect choice for retrofit applications. It is also easy to select and stock.

Features and Certifications:

- Magnetic bond sensor and door status monitor standard
- UL 10C 1 hour fire rating and BHMA Grade I:
 - 40 Series - 500 lb. hold force
 - 70 Series - 1000 lb. hold force