

Submittal Cover Sheet

NORTH OAKS MED CENTER
ENDOSCOPY RENOVATION
WDB Job No. 5854



Submittal Number:

087100-1.0

Submittal Name:

DOOR HARDWARE - PRODUCT DATA AND

SCHEDULE

WOODWARD DESIGN+ BUILD, LLC

FILE # **087100-1.0**

DATE **05.27.2025**

REVIEWED BY **RG** COMMENTS MADE YES NO

APPROVED FOR SUBMITTAL TO ARCHITECT YES NO

THIS SUBMITTAL HAS BEEN REVIEWED FOR GENERAL CONFORMANCE ONLY WITH CONTRACT DOCUMENTS; VENDOR IS RESPONSIBLE FOR ACCURACY IN ACCORDANCE WITH ALL CONTRACT DOCUMENTS.

Submittal Notes:

1) PLEASE ACCEPT THIS SUBMITTAL AS A COMPREHENSIVE PRODUCT DATA AND SCHEDULE SUBMITTAL FOR DOOR HARDWARE.

Reviewed, No Exceptions Taken

Reviewed, Note Comments By: Bailey Bayard

Revise & Resubmit

Rejected, Resubmit Date: 6/4/2025

H/S

HOLLY & SMITH ARCHITECTS, APAC

REVIEW IS ONLY FOR GENERAL CONFORMANCE WITH THE DESIGN CONCEPT AND THE INFORMATION IN THE CONTRACT DOCUMENTS. COMMENTS MADE AS PART OF THIS REVIEW DO NOT RELIEVE CONTRACTOR FROM COMPLIANCE WITH THE CONTRACT DOCUMENTS, APPLICABLE CODES, AND LAWS, ALL OF WHICH HAVE PRIORITY OVER THIS SUBMITTAL. ARCHITECT DOES NOT WARRANT OR REPRESENT THAT THE INFORMATION WITHIN THE SUBMITTAL IS EITHER ACCURATE OR COMPLETE. CONTRACTOR IS RESPONSIBLE FOR: ALL DIMENSIONS, QUANTITIES, AND PERFORMANCE REQUIREMENTS, WHICH SHALL BE CONFIRMED AND CORRELATED AT THE JOB SITE; ALL INFORMATION THAT PERTAINS SOLELY TO FABRICATION PROCESSES OR TO TECHNIQUES OF CONSTRUCTION; ALL COORDINATION OF THE WORK WITH THAT OF ALL OTHER TRADES; AND PERFORMING THE WORK IN A SATISFACTORY MANNER.

- 1.) REMOVE DOOR 200 ALONG WITH HARDWARE.
- 2.) HARDWARE SETS 11 AND 12 SHALL USE LOCKSET ML2055
- 3.) COORDINATE ELECTRICAL INSTALL FOR DOOR HARDWARE COMPONENTS
- 4.) ADD DOOR 252 TO HARDWARE SET 4.1 PER 100% CD SPECS.
- 5.) ADD ASTRAGAL AND GASKET TO SET 4 PER 100% CD SPECS.

Schedule Of Finish Hardware

May 15, 2025

PROJECT

Name: NORTH OAK ENDOSCOPY RENOVATION

Address: 15790 PAUL VEGA MD DR
HAMMON LA 70403

Phone:

Superintendent: Engineer:

CONTRACTOR

Name: WOODWARD DESIGN BUILD

Address: 1000 S. NORMAN C. FRANCIS PKWY
NEW ORLEANS LA 70125

Phone: 504-822-6443

Contact: **ROYCE GIROUARD**

ARCHITECT

Name: HOLLY & SMITH ARCHITECTS

Address: 2302 MAGAZINE ST.
NEW ORLEANS LA 70130

Phone: 504-585-1315

Project Number: **23033**

HARDWARE SUPPLIER

Project Manager: JOHN LEBLANC



CRESCENT DOOR & HARDWARE, INC.
6100 HUMPHREYS STREET
NEW ORLEANS LA 70123
504-733-8366 Fax: 504-733-8361

NORTH OAK ENDOSCOPY
RENOVATION
Control No.6982
25-6982
Submitted By: SHERI STANSBURY, AHC

May 15, 2025

Manufacturers

Abbreviation	Name
BYO	BY OTHERS
COR	CORBIN-RUSSWIN
HES	HES (HANCHETT ENTRY SYSTEMS)
MAR	MARKAR
MCK	MCKINNEY
NOR	NORTON
PEM	PEMKO
ROC	ROCKWOOD
SEC	SECURITRON



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Hardware Finishes

Finish	Description
26D	SATIN CHROMIUM
626	SATIN CHROMIUM PLATED
628	SATIN ALUMINUM CLEAR
630	SATIN STAINLESS STEEL
689	SILVER ALUMINUM PAINTED
BK	BLACK
BL	BLACK
D	DARK BROWN
GRAY	GRAY
US26D	SATIN CHROME PLATED
US32D	SATIN STAINLESS STEEL



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ARCHITECT, PLEASE CONFIRM IF THIS DOOR HARDWARE IS PART OF THE TEMPORARY WALL SYSTEM AND WILL BE PROVIDED BY THE OWNER.

WDB_RG REMOVE DOOR 200 FROM INDEX

DOOR INDEX

Mark	Heading #
200	09
✓ 201	10
✓ 202	14
✓ 210	04
✓ 212	14
✓ 213	14
✓ 214	11
✓ 215	05
✓ 218	15
✓ 219	07
✓ 221	07
✓ 222A	10
✓ 222B	08.1
✓ 230A	04
✓ 230B	03
✓ 230C	03
✓ 231	06
✓ 232	01
✓ 233	01
✓ 234	01
✓ 235	01

Mark	Heading #
✓ 236A	08
✓ 236C	12
✓ 236D	08
✓ 237	07
✓ 238A	11
✓ 238B	06
✓ 240	09
✓ 241	11
✓ 242	13
✓ 250	02
✓ 251	11

Mark	Heading #
252	03 04.1

ARCHITECT, PLEASE CONFIRM HEADING NUMBER AND ASSOCIATED HARDWARE.

WDB_RG

THIS DOOR WILL USE HARDWARE SET #4.1

SEE ATTACHED SPECIFICATIONS AT END OF SUBMITTAL FOR HARDWARE SET #4.1

CRESCENT DOOR TO PROVIDE CORES TO MATCH EXISTING THROUGHOUT AS REQUIRED (TYP).
WDB_RG



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HARDWARE SCHEDULE

Heading 01

Mark	KeyGroup	Qty	Mode	Description	Location	Size / Material / Rating	Hand	Deg Act/InAct
232		1	PR	DOORS	SEMI RESTERICTED CORR 230 TO ENDO 232	4-0/2-0 x 6-8 x 1 3/4 WD Door/ HMF Frame NON-RTD Door/NON-RTD Frame	RHA	
233		1	PR	DOORS	SEMI RESTERICTED CORR 230 TO ENDO 233	4-0/2-0 x 6-8 x 1 3/4 WD Door/ HMF Frame NON-RTD Door/NON-RTD Frame	RHA	
234		1	PR	DOORS	SEMI RESTERICTED CORR 230 TO ERCP 234	4-0/2-0 x 6-8 x 1 3/4 WD Door/ HMF Frame NON-RTD Door/NON-RTD Frame	RHA	
235		1	PR	DOORS	SEMI RESTERICTED CORR 230 TO ERCP 235	4-0/2-0 x 6-8 x 1 3/4 WD Door/ HMF Frame NON-RTD Door/NON-RTD Frame	RHA	

Arch Set Name: 01

4 Openings - Each to receive:

Qty	UM	Type	Description	Finish	Mfgr	Code
6	EA	HINGE, 5, HVY WT	T4A3786 5 X 4-1/2	26D	MCK	
2	EA	PUSH PLATE	70F	US32D	ROC	
2	EA	PULL	RM7210 X TYPE 12HD X 33 CTC	US32D	ROC	
2	EA	AUTO OPERATOR	AUTOMATIC OPERATOR BY OTHERS		BYO	
2	EA	ARMOR PLATE	K1050 X 4BE X CSK X 36 H X 34 W	US32D	ROC	
1	EA	ASTRAGAL	S771D7	D	PEM	
2	EA	ACTUATOR	700		NOR	
1	EA	GASKETING	S88BL20	BL	PEM	



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HARDWARE SCHEDULE

Heading 02

Mark	KeyGroup	Qty	Mode	Description	Location	Size / Material / Rating	Hand	Deg Act/InAct
250		1	DE	DOORS	CORRIDOR 250 FROM CORRIDOR 250	3-8/3-8 x 7-0 x 1 3/4 WD Door/ HMF Frame 45 MIN Door/45 MIN Frame	LHR,LHR	

Arch Set Name: 02

Opening to receive:

Qty	UM	Type	Description	Finish	Mfgr	Code
2	EA	CONTINUOUS HINGE	HG-305 X KMPSS X 83.125 OA	630	MAR	
2	EA	SVR EXIT DEVICE	ED5470B X DEVICE ONLY X W048 X M55	630	COR	
2	EA	CLOSER, PARALLEL ARM NON-SIZED - TRI-PACKED (REGULAR ARM, PARALLEL ARM, TOP JAMB MOUNTING)	DC6210 X A3	689	COR	
2	EA	ARMOR PLATE	K1050-F X 4BE X CSK X 36 X 43	US32D	ROC	
2	EA	ASTRAGAL	S771D7	D	PEM	
1	EA	GASKETING	S88D25	D	PEM	

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HARDWARE SCHEDULE

Heading 03

Mark	KeyGroup	Qty	Mode	Description	Location	Size / Material / Rating	Hand	Deg Act/InAct
230B		1	DE	DOORS	CORRIDOR 216 FROM SEMI RESTRICTED CORRIDOR 230	3-0/3-0 x 7-0 x 1 3/4 WD Door/ HMF Frame NON-RTD Door/NON-RTD Frame	LHR,LHR	
230C		1	DE	DOORS	CORRIDOR 220 FROM SEMI RESTRICTED CORRIDOR 230	3-0/3-0 x 7-0 x 1 3/4 WD Door/ HMF Frame NON-RTD Door/NON-RTD Frame	LHR,LHR	

Arch Set Name: 03

2 Openings - Each to receive:

Qty	UM	Type	Description	Finish	Mfgr	Code
2	EA	CONTINUOUS HINGE	HG-305 X KMPSS X 83.125 OA	630	MAR	
2	EA	SVR EXIT DEVICE	ED5470B X DEVICE ONLY X M55	630	COR	
2	EA	CLOSER, REGULAR ARM	DC6200 X A10	689	COR	
2	EA	ARMOR PLATE	K1050 X 4BE X CSK X 36 H X 35 W	US32D	ROC	
2	EA	WALL STOP	406	US26D	ROC	
2	EA	ASTRAGAL	S771D7	D	PEM	
1	EA	GASKETING	S88BL20	BL	PEM	



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HARDWARE SCHEDULE

Heading 04

Mark	KeyGroup	Qty	Mode	Description	Location	Size / Material / Rating	Hand	Deg Act/InAct
210		1	DE	DOORS	CORRIDOR 200 FROM CORRIDOR 210	3-8/3-8 x 7-0 x 1 3/4 WD Door/ HMF Frame 45 MIN Door/45 MIN Frame	LHR,LHR	
230A		1	DE	DOORS	CORRIDOR 250 FROM SEMI RESTRICTED CORRIDOR 230	3-8/3-8 x 7-0 x 1 3/4 WD Door/ HMF Frame 45 MIN Door/45 MIN Frame	LHR,LHR	

Arch Set Name: 04

2 Openings - Each to receive:

Qty	UM	Type	Description	Finish	Mfgr	Code
2	EA	CONTINUOUS HINGE	HG-305 X KMPSS X EL-12 X 83.125 OA	630	MAR	
2	EA	SVR EXIT DEVICE	ED5470B X DEVICE ONLY X M92 X W048 X M55 X MELR	630	COR	
1	EA	SURFACE ELECTROMAGNETIC LOCK	M680EBD	628	SEC	
2	EA	AUTO OPERATOR	AUTOMATIC OPERATOR BY OTHERS		BYO	
2	EA	KICK PLATE	K1050 X 4BE X CSK X 10 X 43	US32D	ROC	
2	EA	WALL STOP	406	US26D	ROC	
2	EA	DOOR POSITION SWITCH	DPS-M-BK	BK	SEC	
1	EA	ACTUATOR	700		NOR	
2	EA	WIRING HARNESS	QC-C1500P		MCK	
2	EA	WIRING HARNESS	QC-C006P		MCK	
1	EA	POWER SUPPLY	AQD2		SEC	
1	EA	CARD READER	CARD READER BY SECURITY CONTRACTOR		BYO	

OPERATION: DOORS ARE NORMALLY CLOSED AND LOCKED WITH ELECTROMAGNETIC LOCK. A VALID CREDENTIAL AT CARD READER ON THE NON-SECURE SIDE OF THE OPENING RELEASES THE ELECTROMAGNETIC LOCKS, RETRACTS THE LATCHES AND CYCLES THE AUTOMATIC OPERATORS. ACTUATOR ON THE SECURE SIDE OF THE OPENING RELEASES THE ELECTROMAGNETIC LOCK, RETRACTS THE LATCHES AND CYCLES AUTOMATIC OPERATORS. FREE EGRESS AT ALL TIMES FROM SECURE SIDE BY PANIC PUSH PAD. MUST BE TIED TO AN APPROVED FIRE ALARM SYSTEM. ACTIVATION OF FIRE ALARM SYSTEM OR SIGNAL FROM FIRE COMMAND SHUNTS POWER TO ELECTROMAGNETIC LOCKS FOR IMMEDIATE EGRESS. DOOR STATUS MONITORED.

ADD TO SET PER 100% CD SPECS
 2 ASTRAGAL S771D PE
 1 GASKETING PAIR S88BL PE

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HARDWARE SCHEDULE

Heading 05

Mark	KeyGroup	Qty	Mode	Description	Location	Size / Material / Rating	Hand	Degree
215		1	SGL	DOOR	VWST BUTE 215 FROM CORRIDOR 210	3-0 x 7-0 x 1 3/4 WD Door/ HMF Frame 45 MIN Door/45 MIN Frame	LHR	

Arch Set Name: 05


Opening to receive:

Qty	UM	Type	Description	Finish	Mfgr	Code
1	EA	CONTINUOUS HINGE	HG-305 X KMPSS X EL-12 X 83.125 OA	630	MAR	
1	EA	RIM EXIT DEVICE	ED5200A X L9905ET	630	COR	
1	EA	RIM CYLINDER	CR3080-318-6-PIN	626	COR	
1	EA	CLOSER, PARALLEL ARM NON-SIZED - TRI-PACKED (REGULAR ARM, PARALLEL ARM, TOP JAMB MOUNTING)	DC6210 X A3	689	COR	
1	EA	KICK PLATE	K1050 X 4BE X CSK X 10 X 34	US32D	ROC	
1	EA	DOOR POSITION SWITCH	DPS-M-BK	BK	SEC	
1	EA	GASKETING	S88BL20	BL	PEM	
1	EA	WIRING HARNESS	QC-C1500P		MCK	
1	EA	WIRING HARNESS	QC-C006P		MCK	
1	EA	POWER SUPPLY	AQD2		SEC	
1	EA	CARD READER	CARD READER BY SECURITY CONTRACTOR		BYO	

OPERATION; DOORS ARE NORMALLY CLOSED AND SECURE. PRESENTATION OF VALID CREDENTIAL WILL ALLOW ENTRY BY TRIM. UPON LOSS OF POWER THE DOORS WILL REMAIN SECURED. FREE EGRESS AT ALL TIMES.

COORDINATE VOLTAGE, OPERATION, AND ELECTRICAL CHARACTERISTICS WITH ALL RELATED TRADES (TYP).

WDB_RG

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HARDWARE SCHEDULE

Heading 06

Mark	KeyGroup	Qty	Mode	Description	Location	Size / Material / Rating	Hand	Degree
231		1	SGL	DOOR	SEMI RESTRICTED CORR 230 TO MEDS 231	3-0 x 7-0 x 1 3/4 WD Door/ HMF Frame NON-RTD Door/NON-RTD Frame	RH	
238B		1	SGL	DOOR	SEMI RESTRICTED CORR 230 TO CONSULT 238	3-0 x 7-0 x 1 3/4 WD Door/ HMF Frame NON-RTD Door/NON-RTD Frame	RH	

Arch Set Name: 06

2 Openings - Each to receive:

Qty	UM	Type	Description	Finish	Mfgr	Code
3	EA	HINGE, 4 1/2, STD WT	TA2714 4-1/2 X 4-1/2	26D	MCK	
1	EA	MORTISE LOCK	ML2057 - LWA X CT7R	626	COR	
1	EA	ELECTRIC STRIKE	1006CAS-12/24D-630	630	HES	
1	EA	CLOSER, REGULAR ARM	DC6200 X A10	689	COR	
1	EA	KICK PLATE	K1050 X 4BE X CSK X 10 X 34	US32D	ROC	
1	EA	WALL STOP	406	US26D	ROC	
1	EA	DOOR POSITION SWITCH	DPS-M-BK	BK	SEC	
1	EA	GASKETING	S88BL20	BL	PEM	
1	EA	WIRING HARNESS	QC-C1500P		MCK	
1	EA	POWER SUPPLY	AQD1		SEC	
1	EA	CARD READER	CARD READER BY SECURITY CONTRACTOR		BYO	

DOORS ARE NORMALLY CLOSED AND SECURE. PRESENTATION OF VALID CREDENTIAL WILL ALLOW ENTRY BY PULL. UPON LOSS OF POWER, DOORS WILL REMAIN SECURED. FREE EGRESS AT ALL TIMES.



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HARDWARE SCHEDULE

Heading 07

Mark	KeyGroup	Qty	Mode	Description	Location	Size / Material / Rating	Hand	Degree
219		1	SGL	DOOR	CORRIDOR 216 TO SOILED 219	4-0 x 7-0 x 1 3/4 WD Door/ HMF Frame NON-RTD Door/NON-RTD Frame	RH	
221		1	SGL	DOOR	CORRIDOR 220 TO CLEAN SUPPLY 221	3-0 x 7-0 x 1 3/4 WD Door/ HMF Frame NON-RTD Door/NON-RTD Frame	LH	
237		1	SGL	DOOR	SEMI RESTRICTED CORRIDOR 230 TO ENVIR SRV 237	4-0 x 7-0 x 1 3/4 WD Door/ HMF Frame NON-RTD Door/NON-RTD Frame	LH	

Arch Set Name: 07

3 Openings - Each to receive:

Qty	UM	Type	Description	Finish	Mfr	Code
1	EA	CONTINUOUS HINGE	HG-305 X KMPSS X 83.125 OA	630	MAR	
1	EA	MORTISE LOCK	ML2057 - LWA X CT7R	626	COR	
1	EA	ELECTRIC STRIKE	1006CAS-12/24D-630	630	HES	
1	EA	CLOSER, REGULAR ARM	DC6200 X A10	689	COR	
1	EA	KICK PLATE	K1050 X 4BE X CSK X 10 X 34	US32D	ROC	
1	EA	WALL STOP	406	US26D	ROC	
1	EA	DOOR POSITION SWITCH	DPS-M-BK	BK	SEC	
1	EA	GASKETING	S88BL20	BL	PEM	
1	EA	WIRING HARNESS	QC-C1500P		MCK	
1	EA	POWER SUPPLY	AQD1		SEC	
1	EA	CARD READER	CARD READER BY SECURITY CONTRACTOR		BYO	

DOORS ARE NORMALLY CLOSED AND SECURE. PRESENTATION OF VALID CREDENTIAL WILL ALLOW ENTRY BY PULL. UPON LOSS OF POWER, DOORS WILL REMAIN SECURED. FREE EGRESS AT ALL TIMES



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HARDWARE SCHEDULE

Heading 08

Mark	KeyGroup	Qty	Mode	Description	Location	Size / Material / Rating	Hand	Degree
236A		1	SGL	DOOR	SEMI RESTRICTED CORR 230 TO DIRTY SCOPE 236A	3-0 x 7-0 x 1 3/4 WD Door/ HMF Frame NON-RTD Door/NON-RTD Frame	RH	
236D		1	SGL	DOOR	SEMI RESTRICTED CORRIDOR 230 TO CLEAN SCOPE 236D	3-0 x 7-0 x 1 3/4 WD Door/ HMF Frame NON-RTD Door/NON-RTD Frame	LH	

Arch Set Name: 08

2 Openings - Each to receive:

Qty	UM	Type	Description	Finish	Mfgr	Code
1	EA	CONTINUOUS HINGE	HG-305 X KMPSS X 83.125 OA	630	MAR	
1	EA	MORTISE LOCK	ML2057 - LWA X CT7R	626	COR	
1	EA	CLOSER, REGULAR ARM	DC6200 X A10	689	COR	
1	EA	KICK PLATE	K1050 X 4BE X CSK X 10 X 34	US32D	ROC	
1	EA	GASKETING	S88BL20	BL	PEM	



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HARDWARE SCHEDULE

Heading 08.1

Mark	KeyGroup	Qty	Mode	Description	Location	Size / Material / Rating	Hand	Degree
222B		1	SGL	DOOR	SEMI RESTRICTED CORRIDOR 230 TO EQMT STORAGE 222	4-0 x 7-0 x 1 3/4 WD Door/ HMF Frame NON-RTD Door/NON-RTD Frame	LH	

Arch Set Name: 08

Opening to receive:

Qty	UM	Type	Description	Finish	Mfgr	Code
1	EA	CONTINUOUS HINGE	HG-305 X KMPSS X 83.125 OA	630	MAR	
1	EA	MORTISE LOCK	ML2057 - LWA X CT7R	626	COR	
1	EA	CLOSER, REGULAR ARM	DC6200 X A10	689	COR	
1	EA	KICK PLATE	K1050 X 4BE X CSK X 10 X 46	US32D	ROC	
1	EA	GASKETING	S88BL20	BL	PEM	



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ARCHITECT, PLEASE CONFIRM IF THIS DOOR HARDWARE IS PART OF THE TEMPORARY WALL SYSTEM AND WILL BE PROVIDED BY THE OWNER.

WDB_RG

CORRECT. REMOVE THIS DOOR AND HARDWARE **HARDWARE SCHEDULE**

Heading 09

Mark	KeyGroup	Qty	Mode	Description	Location	Size / Material / Rating	Hand	Degree
200		1	SGL	DOOR	FOYER TO CORRIDOR 200	3-0 x 6-8 x 1 3/4 WD Door/ HMF Frame NON-RTD Door/NON-RTD Frame	RH	
240		1	SGL	DOOR	CORRIDOR 240 FROM CORRIDOR 240	3-0 x 6-8 x 1 3/4 HMD Door/ HMF Frame NON-RTD Door/NON-RTD Frame	LHR	

Arch Set Name: 09

2 Openings - Each to receive:

Qty	UM	Type	Description	Finish	Mfgr	Code
3	EA	HINGE, 4 1/2, STD WT	TA2714 4-1/2 X 4-1/2	26D	MCK	
1	EA	MORTISE LOCK	ML2057 - LWA X CT7R	626	COR	
1	EA	CLOSER, REGULAR ARM	DC6200 X A10	689	COR	
1	EA	KICK PLATE	K1050 X 4BE X CSK X 10 X 34	US32D	ROC	
1	EA	WALL STOP	406	US26D	ROC	
3	EA	SILENCER	608-RKW	GRAY	ROC	



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HARDWARE SCHEDULE

Heading 10

Mark	KeyGroup	Qty	Mode	Description	Location	Size / Material / Rating	Hand	Degree
201		1	SGL	DOOR	CORRIDOR 200 TO ELEC 201	2-8 x 7-0 x 1 3/4 WD Door/ HMF Frame 45 MIN Door/45 MIN Frame	LH	
222A		1	SGL	DOOR	CORRIDOR 220 TO ELEC 222A	3-0 x 7-0 x 1 3/4 WD Door/ HMF Frame NON-RTD Door/NON-RTD Frame	LH	

Arch Set Name: 10

2 Openings - Each to receive:

Qty	UM	Type	Description	Finish	Mfgr	Code
3	EA	HINGE, 4 1/2, STD WT	TA2714 4-1/2 X 4-1/2	26D	MCK	
1	EA	MORTISE LOCK	ML2057 - LWA X CT7R	626	COR	
1	EA	CLOSER, REGULAR ARM	DC6200 X A10	689	COR	
1	EA	KICK PLATE	K1050 X 4BE X CSK X 10 X 34	US32D	ROC	
1	EA	WALL STOP	406	US26D	ROC	
1	EA	GASKETING	S88BL20	BL	PEM	

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HARDWARE SCHEDULE

Heading 11

Mark	KeyGroup	Qty	Mode	Description	Location	Size / Material / Rating	Hand	Degree
214		1	SGL	DOOR	CORRIDOR 210 TO ENDO BREAK 214	3-0 x 7-0 x 1 3/4 WD Door/ HMF Frame NON-RTD Door/NON-RTD Frame	LH	
238A		1	SGL	DOOR	FAMILY WTG 203 TO CONSULT 238	3-0 x 7-0 x 1 3/4 WD Door/ HMF Frame 45 MIN Door/45 MIN Frame	LH	
241		1	SGL	DOOR	CORRIDOR 240 TO ADMIN BREAK 241	3-0 x 7-0 x 1 3/4 WD Door/ HMF Frame 45 MIN Door/45 MIN Frame	LH	
251		1	SGL	DOOR	CORRIDOR 250 TO VACANT 251	3-0 x 7-0 x 1 3/4 WD Door/ HMF Frame 45 MIN Door/45 MIN Frame	RH	

Arch Set Name: 11

4 Openings - Each to receive:

Qty	UM	Type	Description	Finish	Mfrgr	Code
3	EA	HINGE, 4 1/2, HVY WT	T4A3786 4-1/2 X 4-1/2	26D	MCK	
1	EA	MORTISE LOCK	ML2057 - LWA X CT7R CHANGE TO ML 2055	626	COR	
1	EA	CLOSER, REGULAR ARM	DC6200 X A10	689	COR	
1	EA	KICK PLATE	K1050 X 4BE X CSK X 10 X 34	US32D	ROC	
1	EA	WALL STOP	406	US26D	ROC	
1	EA	GASKETING	S88BL20	BL	PEM	

	CRESCENT DOOR & HARDWARE, INC.	NORTH OAK ENDOSCOPY RENOVATION
	6100 HUMPHREYS STREET	Control No.6982
	NEW ORLEANS LA 70123	25-6982
	Tel: 504-733-8366 Fax: 504-733-8361	Submitted By: SHERI STANSBURY, AHC

HARDWARE SCHEDULE

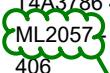
Heading 12

Mark	KeyGroup	Qty	Mode	Description	Location	Size / Material / Rating	Hand	Degree
236C		1	SGL	DOOR	CLEAN SCOPE 236D FROM DRY 236C	3-0 x 7-0 x 1 3/4 WD Door/ HMF Frame NON-RTD Door/NON-RTD Frame	LHR	

Arch Set Name: 12

Opening to receive:

Qty	UM	Type	Description	Finish	Mfgr	Code
3	EA	HINGE, 4 1/2, HVY WT	T4A3786 4-1/2 X 4-1/2	26D	MCK	
1	EA	MORTISE LOCK	ML2057 LWA X CT7R	626	COR	
1	EA	WALL STOP	406	US26D	ROC	
3	EA	SILENCER	608-RKW	GRAY	ROC	



ML2055 INDICATED ON HARDWARE SCHEDULE IN SPECIFICATIONS. ARCHITECT, PLEASE ADVISE.

WDB_RG

CHANGE TO ML 2055

	CRESCENT DOOR & HARDWARE, INC.	NORTH OAK ENDOSCOPY RENOVATION
	6100 HUMPHREYS STREET	Control No.6982
	NEW ORLEANS LA 70123	25-6982
	Tel: 504-733-8366 Fax: 504-733-8361	Submitted By: SHERI STANSBURY, AHC

HARDWARE SCHEDULE


Heading 13

Mark	KeyGroup	Qty	Mode	Description	Location	Size / Material / Rating	Hand	Degree
242		1	SGL	DOOR	ADMIN BREAK 241 TO ADMIN TLT 242	3-0 x 7-0 x 1 3/4 WD Door/ HMF Frame NON-RTD Door/NON-RTD Frame	RH	

Arch Set Name: 13

Opening to receive:

Qty	UM	Type	Description	Finish	Mfgr	Code
3	EA	HINGE, 4 1/2, HVY WT	T4A3786 4-1/2 X 4-1/2	26D	MCK	
1	EA	MORTISE PRIVACY	ML2030 - LWA	630	COR	
1	EA	CLOSER, REGULAR ARM	DC6200 X A10	689	COR	
1	EA	KICK PLATE	K1050 X 4BE X CSK X 10 X 34	US32D	ROC	
1	EA	WALL STOP	406	US26D	ROC	
1	EA	GASKETING	S88BL20	BL	PEM	

	CRESCENT DOOR & HARDWARE, INC.	NORTH OAK ENDOSCOPY RENOVATION
	6100 HUMPHREYS STREET	Control No.6982
	NEW ORLEANS LA 70123	25-6982
	Tel: 504-733-8366 Fax: 504-733-8361	Submitted By: SHERI STANSBURY, AHC

HARDWARE SCHEDULE

Heading 14

Mark	KeyGroup	Qty	Mode	Description	Location	Size / Material / Rating	Hand	Degree
202		1	SGL	DOOR	CORRIDOR 200 FROM FAMILY TLT 202	3-0 x 7-0 x 1 3/4 WD Door/ HMF Frame NON-RTD Door/NON-RTD Frame	LHR	
212		1	SGL	DOOR	CORRIDOR 210 FROM PAITENT TLT 212	3-0 x 7-0 x 1 3/4 WD Door/ HMF Frame NON-RTD Door/NON-RTD Frame	LHR	
213		1	SGL	DOOR	CORRIDOR 210 FROM STAFF TLT 213	3-0 x 7-0 x 1 3/4 WD Door/ HMF Frame NON-RTD Door/NON-RTD Frame	RHR	

Arch Set Name: 14

3 Openings - Each to receive:

Qty	UM	Type	Description	Finish	Mfgr	Code
3	EA	HINGE, 4 1/2, HVY WT	T4A3786 4-1/2 X 4-1/2	26D	MCK	
1	EA	MORTISE PRIVACY	ML2030 - LWA	630	COR	
1	EA	CLOSER, REGULAR ARM	DC6200 X A10	689	COR	
1	EA	KICK PLATE	K1050 X 4BE X CSK X 10 X 34	US32D	ROC	
1	EA	GASKETING	S88BL20	BL	PEM	



CRESCENT DOOR & HARDWARE, INC.

NORTH OAK ENDOSCOPY RENOVATION

6100 HUMPHREYS STREET

Control No.6982

NEW ORLEANS LA 70123

25-6982

Tel: 504-733-8366

Fax: 504-733-8361

Submitted By: SHERI STANSBURY, AHC

May 15, 2025

HARDWARE SCHEDULE


Heading 15

Mark	KeyGroup	Qty	Mode	Description	Location	Size / Material / Rating	Hand	Degree
218		1	SGL	DOOR	CONTROL 217 FROM MGR OFFICE 218	3-0 x 7-0 x 1 3/4 WD Door/ HMF Frame NON-RTD Door/NON-RTD Frame	LHR	

Arch Set Name: 15

Opening to receive:

Qty	UM	Type	Description	Finish	Mfgr	Code
3	EA	HINGE, 4 1/2, STD WT	TA2714 4-1/2 X 4-1/2	26D	MCK	
1	EA	MORTISE LOCK	ML2054 - LWA X CT7D	630	COR	
1	EA	WALL STOP	406	US26D	ROC	
3	EA	SILENCER	608-RKW	GRAY	ROC	

	CRESCENT DOOR & HARDWARE, INC.	NORTH OAK ENDOSCOPY RENOVATION
	6100 HUMPHREYS STREET	Control No.6982
	NEW ORLEANS LA 70123	25-6982
	Tel: 504-733-8366 Fax: 504-733-8361	Submitted By: SHERI STANSBURY, AHC

HARDWARE SCHEDULE

End of Schedule



CRESCENT DOOR & HARDWARE, INC.

NORTH OAK ENDOSCOPY RENOVATION

6100 HUMPHREYS STREET

Control No.6982

NEW ORLEANS LA 70123

25-6982

Tel: 504-733-8366

Fax: 504-733-8361

Submitted By: SHERI STANSBURY, AHC

May 15, 2025

Finish Hardware Catalog Cuts

Section 087100

May 15, 2025

PROJECT

Name: NORTH OAK ENDOSCOPY RENOVATION
Address: 15790 PAUL VEGA MD DR
HAMMON LA 70403
Phone:
Superintendent: Engineer:

CONTRACTOR

Name: WOODWARD DESIGN BUILD
Address: 1000 S. NORMAN C. FRANCIS PKWY
NEW ORLEANS LA 70125
Phone: 504-822-6443
Contact:

ARCHITECT

Name: HOLLY & SMITH ARCHITECTS
Address: 2302 MAGAZINE ST.
NEW ORLEANS LA 70130
Phone: 504-585-1315
Project Number:

HARDWARE SUPPLIER

Project Manager: JOHN LEBLANC



CRESCENT DOOR & HARDWARE, INC.
6100 HUMPHREYS STREET

NEW ORLEANS LA 70123
504-733-8366 Fax: 504-733-8361

NORTH OAK ENDOSCOPY RENOVATION

Control No.6982
25-6982

Submitted By: SHERI STANSBURY, AHC

May 15, 2025

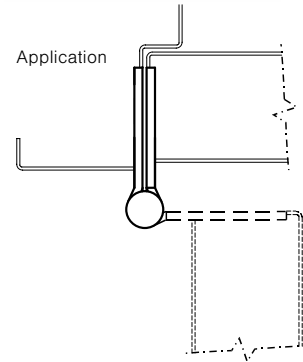
Five Knuckle Heavy Weight Full Mortise Series

Recommended for use on high frequency and/or heavy wood or metal doors in schools, hospitals or other public buildings where heavy traffic is experienced.

- Heavy weight hinges should be used on all extra heavy doors or those exposed to high frequency use
- T4A3386- Stainless steel base or available in brass base material polished
- T4A3786- Steel base material
- For Beveled Edge, where doors are beveled on hinge side, specify T4A4386 or T4A4786
- For available finishes see page ²⁸

T4A3386

T4A3786



Note: 8" x 6" and 8" x 8" have six bearings. Specify T6B3386 or T6B3786.

No.	ANSI Cross Reference	Base Material	Weight
T4A3386	A5111	Stainless	HVY
T4A3386	A2111	Brass	HVY
T4A3786	A8111	Steel	HVY

Specifications

Inches	mm	Gauge	No. of Holes	Fasteners	
				Machine	Wood
4 1/2" x 4"	114.3 x 101.6	.180	8	1/2 x 12-24	1 1/4 x 12
4 1/2" x 4 1/2"	114.3 x 114.3	.180	8	1/2 x 12-24	1 1/4 x 12
5" x 4 1/2"	127 x 114.3	.190	8	1/2 x 12-24	1 1/4 x 12
5" x 5"	127 x 127	.190	8	1/2 x 12-24	1 1/4 x 12
6" x 5"	152.4 x 127	.203	10	1/2 x 1/4-20	1 1/2 x 14
6" x 6"	152.4 x 152.4	.203	10	1/2 x 1/4-20	1 1/2 x 14
8" x 6"	203.2 x 125.4	.203	16	1/2 x 1/4-20	1 1/2 x 14
8" x 8"	203.2 x 203.2	.203	16	1/2 x 1/4-20	1 1/2 x 14

* Not available in brass base material.

** Available in steel only.

***Available in stainless steel only.

****FT tips not offered on 6" and 8" sizes, BT and ST not offered on 8" sizes.

Options:

Code	Description
NRP	Non-Removable Pin
T4B	Ball Bearing
TCA	Concealed Bearing
RC	Round Corner – 1/4" radius furnished unless specified otherwise
HT	Hospital Tip
BT****	Ball Tip
FT****	Flat Tip
ST****	Steeple Tip
SSF	Safety Stud Feature
RB	Raised Barrel*
QC	ElectroLynx® Hinge – 4, 8 or 12 wire available
CC	Concealed Circuit – 4, 8 or 12 wire available
CC-18	Concealed Circuit – 2, 4, 6, 8 or 10 wire available (2-18AWG wires and the remainder 28AWG wires)
MM	Magnetic Monitoring

Steel & Stainless Approved for NFPA 80 fire rated openings

* Refer to page SP-3 for Raised Barrel.

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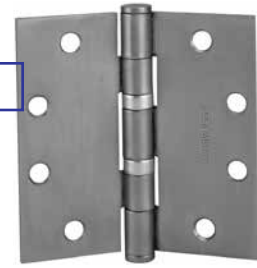
Five Knuckle Standard Weight Series

Recommended for standard weight, medium frequency doors, or doors with closing devices.

- Use for common flush door/frame/wall applications
- For Beveled Edge, where doors are beveled on hinge side, specify TA4314 or TA4714
- For available finishes see page 28

No.	ANSI Cross Reference	Base Material	Weight
TA2314	A5112	Stainless	STD
TA2314	A2112	Brass	STD
TA2714	A8112	Steel	STD

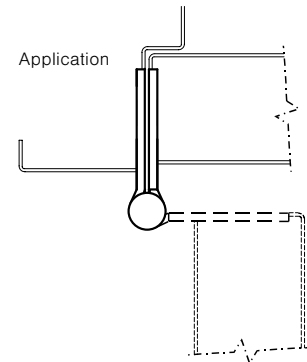
TA2314
TA2714



Specifications

Inches	mm	Gauge	No. of Holes	Fasteners	
				Machine	Wood
3 1/2" x 3 1/2"*	88.9 x 88.9	.123	6	1/2 x 10-24	1 x 10
4" x 4"*	101.6 x 101.6	.130	8	1/2 x 12-24	1 1/4 x 12
4 1/2" x 4"	114.3 x 101.6	.134	8	1/2 x 12-24	1 1/4 x 12
4 1/2" x 4 1/2"	114.3 x 114.3	.134	8	1/2 x 12-24	1 1/4 x 12
5" x 4 1/2"*	127 x 114.3	.146	8	1/2 x 12-24	1 1/4 x 12
5" x 5"*	127 x 127	.146	8	1/2 x 12-24	1 1/4 x 12
6" x 6"*	152.4 x 152.4	.160	10	1/2 x 1/4-20	1 1/2 x 14

* Not available in Brass base material.



Options:

Code	Description	Code	Description	Code	Description
NRP	Non-Removable Pin	GT	Grooved Tip*	MM	Magnetic Monitoring
TB	Ball Bearing	LT	Lined Tip*	QC	ElectroLynx® Hinge – 4, 8 or 12 wire available
TCA	Concealed Bearing	RT	Round Tip*	CC	Concealed Circuit – 4, 8 or 12 wire available
RC	Round Corner – 1/4" radius furnished unless specified otherwise	ST	Steeple Tip		
HT	Hospital Tip	SSF	Safety Stud Feature		
BT	Ball Tip	CC-18	Concealed Circuit – 2, 4, 6, 8 or 10 wire available (2-18AWG wires and the remainder 28AWG wires)		
FT	Flat Tip*				

*Not available on 3-1/2" and 6" sizes

Steel & Stainless Approved for NFPA 80 fire rated openings

McKinney Hinge Pin Door Stop

- Recommended for high-use or high impact doors with McKinney T2714 or TA2714 hinges
- Protects against damage to doors and walls
- Runs the full length of the hinge

Part number	Description	Finish
76305	Hinge Pin Stop for MacPro MP79 & MPB79	26D
76306	Hinge Pin Stop for McKinney T2714 & TA2714	26D
76307	Hinge Pin Stop for MacPro MP79 & MPB79	BSP
76308	Hinge Pin Stop for McKinney T2714 & TA2714	BSP



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McKinney hinge product finishes meet or exceed the American National Standards for materials and finishes (ANSI/BHMA - A156.18 and BHMA 1301).

Every effort is made to furnish finishes which do comply with the U.S. Standard. However, we cannot guarantee that our finish will match other manufacturers' finish. Where a special finish or a matched finish is required, a sample must be submitted with the order.

MicroShield®

ASSA ABLOY Group companies offer MicroShield®, an antimicrobial coating for door hardware. MicroShield uses proven silver ion-based technology from Agion®, a leading provider of antimicrobial solutions, to stem the spread of bacteria and other microbes.

MicroShield® is a registered trademark of ASSA ABLOY Access and Egress Hardware Group, Inc.



The Agion antimicrobial is not intended as a substitute for good hygiene. Coated products must still be cleaned to ensure the surfaces will be free of destructive microbes. ASSA ABLOY makes no representations or warranties, express or implied, as to the efficacy of the Agion antimicrobial. A copy of the Agion warranty is available upon request. Agion is a registered trademark of Agion Technologies, Inc., Wakefield, MA, USA

Standard Architectural Finishes

BHMA Code	BHMA Code	McKinney/U.S. Code	Finish Description
Non-Ferrous (Brass or Stainless Steel)		Ferrous (Steel)	
605 (Brass)	632	3	Bright Brass, Clear Coated
606 (Brass)	633	4	Satin Brass, Clear Coated
611 (Bronze)	637	9	Bright Bronze, Clear Coated
612 (Bronze)	639	10	Satin Bronze, Clear Coated
614 (Bronze)	641	10A	Antique Bronze, Oil Rubbed and Clear Coated
613 (Bronze)	640	10B	Dark Oxidized Satin Bronze, Oil Rubbed
618 (Brass, Bronze)	645	14	Bright Nickel Plated, Clear Coated
619 (Brass, Bronze)	646	15	Satin Nickel Plated, Clear Coated
625 (Brass, Bronze)	651	26	Bright Chrome
626 (Brass, Bronze)	652	26D	Satin Chrome
629 (300 Series Stainless)	n/a	32	Bright Stainless Steel
630 (300 Series Stainless)	n/a	32D	Satin Stainless Steel

Custom Architectural Finishes

BHMA Code	BHMA Code	McKinney/U.S. Code	Finish Description
Non-Ferrous (Brass or Stainless Steel)		Ferrous (Steel)	
609 (Brass)	638	5	Satin Brass, Blackened, Satin Relieved, Clear Coated
610 (Brass)	636	7	Satin Brass, Blackened, Bright Relieved, Clear Coated
616 (Bronze)	643	11	Satin Bronze, Blackened, Satin Relieved, Clear Coated
623 (Bronze)	649	20	Light Oxidized Statuary Bronze, Clear Coated
624 (Bronze)	650	20A	Dark Oxidized Statuary Bronze, Clear Coated

Note: Check with factory for availability and pricing on these finishes.



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Powder Coat Finishes

Base Material	McKinney/U.S. Code	Finish Description
Steel	P	Primed for Painting
Steel	D3	Dark Bronze Powder Coat
Stainless Steel	10BE	Dark Oxidized Satin Bronze, Equivalent
Stainless Steel	BSP	Black Suede Powder Coat
Stainless Steel	WSP	White Suede Powder Coat
Stainless Steel	CPC	Clear Powder Coat
Stainless Steel	32DBIO	MicroShield Agion Antimicrobial

Note: May not be available on MacPRO or Rescue Hardware.

Product Maintenance & Care

The McKinney line of hinges are manufactured in compliance with all applicable federal and ANSI specifications.

The following are general maintenance tips for providing long life and proper finish appearance.

Hinges must be free swinging without any binding. To align the hinges to prevent binding the use of shims is recommended, if required. If the hinges begin to make noise, remove any binding conditions, grease or lubricate all moving parts, re-mount the hinge and re-adjust the hinge with the proper shims.

The hinges come "greased" from the factory, but should be checked on a regular basis for lubrication. ASSA ABLOY recommends that hinges used in commercial, high frequency applications or in extreme environmental conditions be lubricated annually to ensure long life and quiet operation.

To lubricate our standard hinge, remove the pin and apply a generous coating of lithium grease and reinsert the pin by driving it completely down to the shoulder of the pin head.

Hinges sized properly for the door weight, door size and frequency of use will last for a considerable period of time without maintenance. Hinge screws should be periodically inspected for tightness.

Steel hinges are intended for use on interior applications only. Brass and Stainless steel hinges can be used for either interior or exterior. All steel will eventually rust and all brass will eventually tarnish. To slow down the corrosion/tarnishing process, a clear coat of lacquer is applied on the top surface of the steel or brass materials and the finish surface. Plated finishes receive a clear coating of lacquer to protect against atmospheric conditions.

McKinney stainless steel hinges are made with 304 stainless steel material. Stainless steel is corrosion resistant, but not corrosion proof. Because there is at least 10.5% of chromium in stainless steel hinges, oxidation can occur which could lead to the appearance of "red rust". This red rust could be caused from atmospheric conditions, when hinges are exposed to moist or marine environments, chemical conditions, such as being exposed to high chloride chemicals cleaners, or contact with steel, copper or other foreign materials. Never use steel wool to clean stainless steel hinges. Period cleaning is recommended to avoid seeing red rust on the hinges. We recommend using a general purpose stainless steel cleaner.

Many anti-bacterial cleaners used to clean and sanitize door hardware contain high levels of chlorides which will cause corrosion if not properly rinsed off. For additional corrosion protection, we recommend ordering stainless steel hinges with a clear powder applied over the base metal, (CPC).

Hinges that come painted or plated are in accordance with ANSI/BHMA finishing standards and ASTM B-117 salt spray standards.

Caution should be used when installing the hinges to avoid damage to the painted or plated finish. To remove dirt, the use of a soft damp cloth free any chemicals can be used. Abrasive cleaners or lacquer thinners should not be used to clean the surface of the hinges. To do so will void any warranty of that product.

Any questions about our product, please call us at 1-800-346-7707.

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Markar HG305 Adjustable Hinge Guard

Standard Features

Barrel Type Hinge
 .187" diameter Stainless Steel pin (rod)
 Medical bearings
 Stainless Steel end pins
 Material
 Heavy-duty 14 gauge Stainless Steel
Finishes
 US32D Satin Stainless Steel (630)
 Standards
 ANSI/BHMA Standard A156.26 Grade 1
 Mounting Hardware
 Fasteners concealed when door is closed
 Custom 12-24 x ¹¹/₁₆" S.S Phillips Flat Head Undercut TEK Screws

Capacity
 Supports weights up to 600 lbs.
 4'0" maximum door width
 Standard Sizes
 6'8", 7'0", 7'2", 8'0", 10'0"
 Hole Pattern
 Symmetrically templated
 Handing
 Not required for standard 7'0", 8'0" or 10'0". Handing required for 6'8" and 7'2" and for most optional features listed

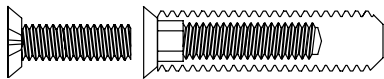
Fire Rating
 3 hours- hollow metal doors
 90 minutes- hollow metal and composite
 20 minutes- wood doors
 Classified in accordance with UL10C for positive pressure
 Fire-rated label
 Windstorm
 Products is constructed in accordance with Guidelines FEMA 320 & FEMA 361.

Optional Features

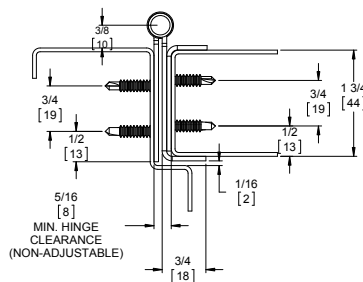
Finish
 US32 Bright Stainless Steel (629)
 Scratch-Resistant Powder Coated Paint
 Fasteners
 Adjust-A-Screw™ for correcting frame fit problems up to ³/₈"

Other Features
 Custom lengths- specify in inches
 Custom hole pattern
 Dutch door hinges- suffix "DDP"
 Hospital tips – suffix "HT"
 Raised barrel – suffix "RB"
 Welded end pins
 Security studs

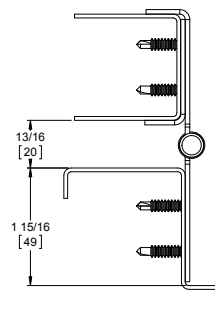
Electrical Modifications
 Adjustable Monitoring Switch - suffix "AMS"
 Current Transfer Prep - suffix "CTP"
 Electrical Transfer Access Prep - suffix "ETAP"
ElectroLynx®
 EL4 (4 wire), EL8 (8 wire), EL12 (12 wire)
 PoE (9 wire)



The integral hinge guard protects the door from dings and gouges from carts and gurneys while providing clean lines and aesthetic appearance. Our HG products also have fire ratings up to and including 3 hours. Not only that, but the wrap-around edge guard protects the door from unsightly dents and gouges and will deflect objects, preventing further damage.



Door Closed



Door Open 180°

800-824-3018 | www.assaabloydooraccessories.us
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ASSA ABLOY
 Opening Solutions

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DPS Door Position Switches



DPS-W and DPS-M door position switches enable access control systems to monitor the open or closed state of a door.

These switches can transmit an initiate signal to XDT delayed exit logic timers and DPA door prop logic timers.

Features

Standard Features

- Mated magnetic switch and cylindrical magnetic contact
- Recesses into door and frame
- 3/4" [19mm] round installation, 15/16" [23.8125mm] deep
- Provides normally closed SPST switch
- Works with door gap up to 3/4" [18mm]
- Larger cylindrical magnet counters shielding effect of steel
- MagnaCare® lifetime replacement, no-fault, no questions asked warranty

Optional Features

- Available in white, gray or black

Specifications

Electrical

- Switching Current AC/DC (max): 0.4 A

Environmental

- Operating Temperature: -40° to 150° F [-40° to 65° C]

How to Order

MODEL SERIES	DOOR TYPE	FINISH
DPS	- M	- BK
DPS Door Position Switch	M Metal Door	BK Black
	W Wood Door	GY Gray
		WH White



MagnaCare
Warranty

M680E EcoMag Sustainable Magnalock®

1,200 lbs holding force, bracket mounted, sustainable Magnalock



The same unsurpassed intelligence, style and convenience as the previous M680 series, but with 80% reduction in energy consumption.

The M680E is intelligent, with built-in door prop sensing allowing the magnet to de-energize the coil when the door is held open for extended periods. The M680EBD offers built-in smart voltage sensing, integrated patented BondSTAT, tamper sensor as well as door position status monitoring. The aesthetics and design finishes of the EcoMag are refined enough for the most discriminating designer openings. It also offers the fastest, easiest, most secure installation of any bracket mount maglock with an updated strike plate mounting template. The optional integrated request to exit (REX) provides optimum coverage for detecting an approaching person so the door unlocks for egress.

Features

Standard Features

- Strike plate mounting template provides the easiest install for out-swing doors
- LED Indicator shows the lock is secure, open, or has an incomplete bond
- Wire chamber anti-tamper switch
- Tamper Switch sends an alarm output if the cover is removed and is selectable to NO or NC
- Available integrated BondSTAT and Door Position Switch
- Autosensing dual voltage with microprocessor technology
- Adjustable automatic relock timer (0 to 30 seconds)
- Energy efficient, low power usage
- Size optimized for use with door closers
- MagnaCare® lifetime replacement, no-fault, no questions asked warranty

Optional Features

- **B** Integrated patented BondSTAT magnetic bond sensor
- **D** Integrated Door Position Switch (DPS)
- **X** Integrated passive infrared request to exit

Accessories

- **ASB-680** Aluminum Shim Bracket in Clear or Black Anodized
- **CWB-680** Concrete Wood Bracket in Clear or Black Anodized
- **GDHB-680** Glass Door Header Bracket in Clear or Black Anodized



Grade 2

MagnaCare Warranty

Auto Sensing Dual Voltage 12/24

PoE Friendly

Fire Rated

Preload

Specifications

Certifications

- UL 10C Fire Rated, 1 Hour
- CAN/ULC-S104 Fire Door Conformant
- UL 1034 Burglary-Resistant Listed
- UL 294
- ANSI/BHMA A156.23, Grade 2; E18501 Compliant
- California State Fire Marshal Listed

Electrical

- **Maglock Average Power Draw (±10%)**
 - 113 mA at 12 VDC
 - 52 mA at 24 VDC
- **Maglock Maximum Power Draw (±10%)**
 - 515 mA at 12 VDC
 - 290 mA at 24 VDC
- **REX Power (±10%)**
 - +25 mA at 12 VDC
 - +10 mA at 24 VDC

Holding Force

- 1,200 lbs [544kg]

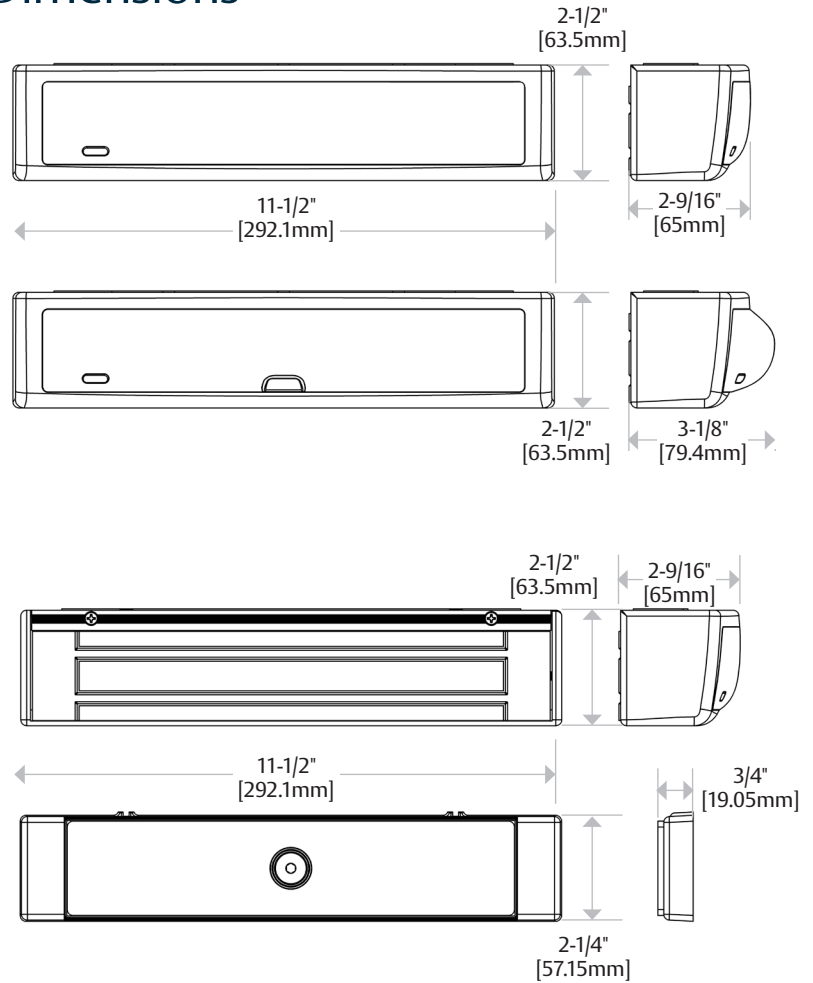
Operating Temperature

- 32° to 110°F [0° to 43°C]
- Indoor use only

Shipping Weight

- 8 lbs [3.6kg]

Dimensions



Related Accessories



ASB-680

CWB-680

GDHB-680

Ordered Separately

How to Order

MODEL SERIES	MONITORING OPTIONS	ACCESSORY OPTIONS	FINISH OPTIONS
M680E	BD	X	- 606
M680E 1,200 lbs	(blank) No Monitoring BD BondSTAT Monitor & Door Position Switch	(blank) No Accessory Options X PIR Request to Exit	628/US28 Satin Aluminum Clear 605/US3 Bright Brass 606/US4 Satin Brass 612/US10 Satin Bronze 613E Dark Oxidized Satin Bronze 629 Bright Stainless Steel 630 Satin Stainless Steel BSP Black Suede Powder

Features

Handing

Handed; quick reversible. The lockset can be re-handed without disassembling the lock case; see page 88.

Door Thickness

1-3/4" (44mm) standard.
Optional door thicknesses available; see Quick Codes, page 82.

Backset

2-3/4" (70mm).

Lockcase

Heavy-gauge steel, 5-7/8" (149mm) x 4" (102mm) x 15/16" (24mm).
Optional: non-ferrous lockcase for corrosion resistance; see Quick Codes, page 82.

Front

Heavy-gauge steel, 8" (203mm) x 1-1/4" (32mm) x -3/32" (2mm). Accommodates flat doors and doors beveled 1/8" (3mm) in 2" (51mm). Furnished 1-1/16" (27mm), optional D138, wide for 1-3/8" (35mm) doors.

Armored Front

Wrought brass, bronze or stainless steel attached by machine screws to lockcase front. ML2000VR utilizes security Torx® screws.

Latchbolt

2-piece mechanical with anti-friction insert, 5/8" (16mm) x 1" (25mm) x 3/4" (19mm) throw.

Auxiliary Latchbolt

9/16" (14mm) effective throw and 3/8" (10mm) effective auxiliary latch deadlocking.

Deadbolt

One-piece stainless steel, 19/32" (15mm) x 1-1/4" (32mm) x 1" (25mm) throw.

Indicators

Status indicators available in sectional or escutcheon trim with many options providing clarity of the locked/unlocked status of a door.

Hub

Standard knob/lever hub is steel, 5/16" (8mm)

Spacing

C. to c. knob/lever to cylinder: 3-5/8" (92mm).

C. to c. knob/lever to thumbturn: 2-7/16" (62mm).

Strike

Wrought brass, bronze or stainless steel, ANSI straight lip standard, 4-7/8" (124mm) x 1-1/4" (32mm) x 1-1/8" (29mm) lip to center. Optional strikes, lip lengths and ANSI wrought strike box available; see Quick Codes, page 82.

Cylinder

Brass, 6-pin, L4 keyway, 0-bitted standard. Optional cylinders available; see Quick Codes, page 74.

Keys

Two nickel silver standard.

Keying Features Available

Master keying
Construction master keying
Visual key control
Concealed key control
Plug only to show (concealed shell)
7-pin cylinder
Security cylinder
Access 3® cylinder
Pyramid cylinder
Interchangeable core (LFIC or SFIC)
Security LFIC
Pyramid LFIC
Access 3® LFIC
Master ring cylinder
Flex head cylinder

Warranty

Ten-year limited.

Certification/Compliance*

ANSI/BHMA

Certified A156.13 Series 1000, Operational and Security Grade 1. Meets A117.1 Accessibility Code.



UL/cUL-UL10C Positive Pressure

All locks listed for A label and lesser class doors, 4' (122cm) x 10' (305cm) single or 8' (244cm) x 10' (305cm) pair (3 hour fire door). Letter F and UL symbol on armored front indicate listing.

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

California State Reference Code

(Formerly Title 19, California State Fire Marshal Standard)

All levers with returns, return to within 1/2" (13mm) of door face.


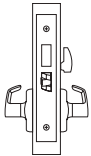

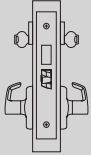

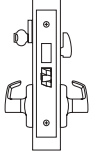

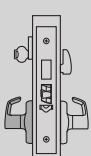

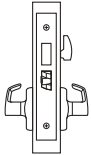

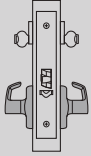

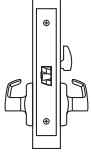

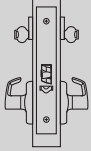
Windstorm/Hurricane


Certified (refer to local codes).


*Any undated reference to a code or standard appearing in the this catalog shall be interpreted as referring to the latest edition of that code or standard.


Functions

ML2000 Series

Outside	Inside	Function (ANSI No.)	Type	Function Description
		ML2020 (F02)	Privacy Bedroom or Bathroom	<ul style="list-style-type: none"> Latchbolt by grip* either side, when deadbolt is retracted. Deadbolt by thumbturn grip inside or by emergency release tool outside. No simultaneous deadbolt and latch retraction. Non-panic release. Not available with M19S or M19SN.
 A01		ML2022 (F14)	Store Door	<ul style="list-style-type: none"> Latchbolt by grip* either side when deadbolt is retracted. Deadbolt by key either side. Latchbolt retracted by key either side. Non-panic release. No simultaneous deadbolt and latch retraction.
 A01		ML2024 (F21)	Entrance or Storeroom	<ul style="list-style-type: none"> Latchbolt by grip* either side when deadbolt is retracted. Deadbolt by key outside or by thumbturn grip inside. Latchbolt retracted by key outside. Non-panic release. No simultaneous deadbolt and latch retraction.
 A01		ML2029 (F15)	Hotel or Motel	<ul style="list-style-type: none"> Latchbolt by grip inside and by guest key or master key outside. Outside grip always rigid. Deadbolt by thumbturn grip inside or by emergency key outside. Inside grip simultaneously retracts latchbolt and deadbolt. Emergency key shuts out all other keys. Auxiliary latch deadlocks latchbolt. <p>Note: Indicator shows deadbolt position only.</p>
		ML2030 (F19)	Privacy Bedroom or Bathroom	<ul style="list-style-type: none"> Latchbolt by grip either side unless outside grip locked by thumbturn. Deadbolt by thumbturn grip inside or by emergency release tool outside. Inside grip simultaneously retracts latchbolt and deadbolt and unlocks outside grip. Not available with M19S or M19SN.
 A01		ML2032 (F30)	Institution or Utility	<ul style="list-style-type: none"> Latchbolt by key either side. Both grips always rigid. Auxiliary latch deadlocks latchbolt. <p>Note: This function does not allow free egress and can pose a life safety hazard in event of an emergency. Installation should be in accordance with approved codes only.</p>
		ML2040	Passage with Indicator	<ul style="list-style-type: none"> For doors with indicator that do not require locking Latchbolt retracted by grip either side at all times Throwing thumbturn on inside changes state of status indicator Rotating either grip returns indicator to previous state <p>Note: Only available with "V" series indicators. Indicator option code must be specified with this function</p>
 A01		ML2042 (F09)	Entrance or Public Restroom	<ul style="list-style-type: none"> Latchbolt by grip either side, unless outside grip is locked by key from inside. Latchbolt by key outside when outside grip is locked. Auxiliary latch deadlocks latchbolt. Inside grip always free.

 Indicator options available for both sectional and VN escutcheon trim.


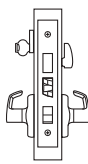

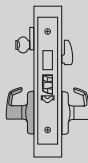
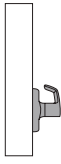

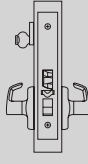

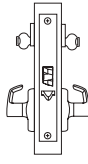

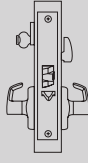

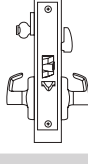

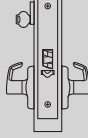
 Cylinder cam required.


 Indicates rigid grip.


* When lever handles are furnished, both outside and inside are locked when deadbolt is projected.


Functions

ML2000 Series


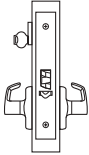

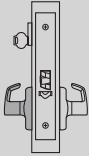

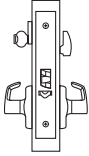

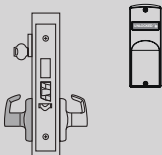

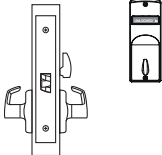

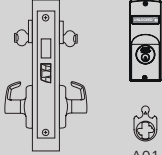

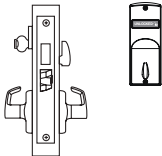
Outside	Inside	Function (ANSI No.)	Type	Function Description
		ML2048 (F08/F10)	Entrance or Apartment	<ul style="list-style-type: none"> Latchbolt* by key outside or by grip either side, unless outside grip is locked by toggle-action stop. Deadbolt by key outside or by thumbturn grip inside. Inside grip free when deadbolt is retracted. Non-panic release. No simultaneous deadbolt and latch retraction. Note: Indicator shows deadbolt position only.
		ML2049	Storeroom Deadbolt	<ul style="list-style-type: none"> Latchbolt and deadbolt by grip inside or by key outside. Inside grip simultaneously retracts deadbolt and latchbolt. Outside grip always rigid. Deadbolt thrown or retracted by key outside or thumbturn grip inside. Auxiliary latch deadlocks latchbolt. Inside grip always free. Note: Indicator shows deadbolt position only.
		ML2050	Half Dummy Trim	<ul style="list-style-type: none"> Grip acts as pull only; no operation.
		ML2051 (F04)	Entrance or Office	<ul style="list-style-type: none"> Latchbolt by key when outside grip locked by toggle action stop. Latchbolt by grip either side, unless outside grip is locked by toggle-action stop. Auxiliary latch deadlocks latchbolt. Inside grip always free.
		ML2052 (F32)	Classroom Intruder	<ul style="list-style-type: none"> Latchbolt by grip either side, unless outside grip is locked by key either side. Latchbolt by key when outside grip locked. Auxiliary latch deadlocks latchbolt. Inside grip always free. Outside grip remains locked unless unlocked by key either side. Note: Not available with indicator, specify ML2002.
		ML2053	Entrance or Office	<ul style="list-style-type: none"> Latchbolt by grip either side, unless outside grip is locked or unlocked by key or thumbturn. Outside grip locked or unlocked by key or thumbturn. Latchbolt by key when outside grip locked. Auxiliary latch deadlocks latchbolt. Inside grip always free.
		ML2054 (F04)	Entrance or Office	<ul style="list-style-type: none"> Latchbolt by grip either side, unless outside grip is locked. Outside grip locked or unlocked by thumbturn. Latchbolt by key when outside grip locked. Auxiliary latch deadlocks latchbolt. Inside grip always free. Multi-function capable, see page 10 for more info.
		ML2055 (F05)	Classroom	<ul style="list-style-type: none"> Latchbolt by grip either side, unless outside grip is locked by key outside Latchbolt by key when outside grip locked. Auxiliary latch deadlocks latchbolt. Inside grip always free. Outside grip remains locked unless unlocked by key. Note: Not available with indicator, specify ML2003.


 Indicator options available for both sectional and VN escutcheon trim.


 Cylinder cam required.


 Indicates rigid grip.

* When lever handles are furnished, both outside and inside are locked when deadbolt is projected.

Outside	Inside	Function (ANSI No.)	Type	Function Description
		ML2056 (F06)	Classroom Holdback	<ul style="list-style-type: none"> Latchbolt by grip either side, unless outside grip is locked or unlocked by key. Latchbolt by key outside when outside grip is locked. Latchbolt can be held in a retracted position by key, or released by key. Auxiliary latch deadlocks latchbolt. Inside grip always free. <p>Note: Not Listed for use in fire rated applications.</p>
		ML2057 (F07)	Storeroom or Closet	<ul style="list-style-type: none"> Latchbolt by grip inside or by key outside. Outside grip always rigid. Auxiliary latch deadlocks latchbolt. Inside grip always free.
		ML2058	Entrance or Office Holdback	<ul style="list-style-type: none"> Latchbolt by grip either side, unless outside grip is locked. Outside grip locked or unlocked by key or thumbturn. Latchbolt retracted by key outside when outside grip is locked. Latchbolt can be held in a retracted position by key or thumbturn, or released by key or thumbturn. Auxiliary latch deadlocks latchbolt. Inside grip always free. <p>Note: Not Listed for use in fire rated applications.</p>
		ML2059	Security Storeroom or Closet	<ul style="list-style-type: none"> Latchbolt and deadbolt by grip inside or by key outside. Inside grip simultaneously retracts deadbolt & latchbolt. Outside grip always rigid. Auxiliary latch deadlocks latchbolt. Inside grip always free. <p>Note: Indicator shows deadbolt position only.</p>
		ML2060 (F22)	Privacy	<ul style="list-style-type: none"> Latchbolt by grip either side, except when outside grip is locked by thumbturn inside. Operating inside grip, closing door or operating emergency key outside unlocks outside grip. Inside grip always free. Not available with M19S or M19SN.
		ML2062 (F33)	Intruder Deadbolt	<ul style="list-style-type: none"> Latchbolt by grip either side, unless outside grip is locked by projection of deadbolt. Deadbolt thrown or retracted by key from either side. Inside grip simultaneously retracts latchbolt and deadbolt and unlocks outside grip. Inside grip always free.
		ML2065 (F13)	Dormitory or Entrance	<ul style="list-style-type: none"> Latchbolt by grip either side unless outside grip locked by projection of deadbolt. Deadbolt thrown or retracted by key outside or by thumbturn grip inside. Inside grip simultaneously retracts latchbolt and deadbolt and unlocks outside grip. Inside grip always free.

 Indicator options available for both sectional and VN escutcheon trim.

 Cylinder cam required.

 Indicates rigid grip.

* When lever handles are furnished, both outside and inside are locked when deadbolt is projected.

Trim Designs

ML2000 Series

Lustra



Complies with codes requiring lever to return to within 1/2" (13mm) of door face.
Brass, bronze or stainless steel.

LWA

Lever: Wrought
Rose: Wrought

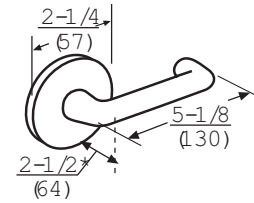


LWB

Lever: Wrought
Rose: Cast

LSA

Lever: Cast
Rose: Wrought



LSB

Lever: Cast
Rose: Cast

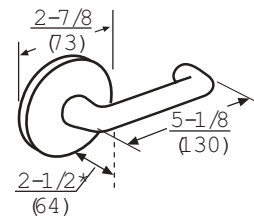
LWF

Lever: Wrought
Rose: Cast



LSF

Lever: Cast
Rose: Cast



*Dimension from face of door, not surface of rose or escutcheon.

Dimensions:
inches
millimeters

Quick Codes

ML2000 Series

Cylinder and Keying

Description	Specify
Conventional 6-pin	(standard)
Conventional 7-pin	7P
Less Cylinder(s)	LC
LFIC	
LFIC 6-pin	C6
LFIC 6-pin Less Core	CL6
LFIC 6-Pin Disposable Core	CT6D
LFIC 6-pin with Temporary Construction Core (Red)	CT6R
LFIC 6-pin with Temporary Construction Core (Blue)	CT6B
LFIC 6-pin with Temporary Construction Core (Green)	CT6G
LFIC 7-pin	C7
LFIC 7-pin Less Core	CL7
LFIC 7-Pin Disposable Core	CT7D
LFIC 7-pin with Temporary Construction Core (Red)	CT7R
LFIC 7-pin with Temporary Construction Core (Blue)	CT7B
LFIC 7-pin with Temporary Construction Core (Green)	CT7G
SFIC	
SFIC 6-pin	C6S
SFIC 6-pin Less Core ¹	CLS6
SFIC 6-Pin Disposable Core ¹	CT6SD
SFIC 6-pin with Temporary Construction Core (Blue)	CT6SB
SFIC 7-pin	C7S
SFIC 7-pin Less Core ¹	CLS7
SFIC 7-Pin Disposable Core ¹	CT7SD
SFIC 7-pin with Temporary Construction Core (Blue)	CT7SB
Security	
Security	HS
Security LFIC	CHS
Access 3®	
Access 3® Patented Fixed Core	AP
Access 3® Security Fixed Core	AS
Access 3® High Security Fixed Core	AHS
Access 3® Patented LFIC	ACP
Access 3® Security LFIC	ACS
Access 3® High Security LFIC	ACHS
Pyramid	
Pyramid Security Fixed Core	PS
Pyramid High Security Fixed Core	PHS
Pyramid Security LFIC	PCS
Pyramid High Security LFIC	PCHS
Pyramid LFIC Less Core	CLP
Pyramid with Temporary Construction Core	CTP
Pyramid Disposable Core	CTPD
UL Housing	
LFIC 6-pin Less Core ³	CL6AH
LFIC 6-Pin Disposable Core ³	CTAHD
LFIC 6-pin with Temporary Construction Core (Red/Blue/Green) ³	CT6AH (R/B/G)

Cylinder and Keying (cont.)

Description	Specify
Other	
Master Ring ^{2,4}	MR
Flex Head Cylinder, 6-pin (sectional trim) ³	FX6
Flex Head Cylinder, 7-pin (sectional trim) ³	FX7
Flex Head Cylinder, Master Ring (sectional trim) ^{2,3}	FXM
Plug Only to Show, Less Cylinder	PO-LC
Plug Only to Show, 6-pin (concealed shell; M and R escutcheons only, single cylinder only) ³	PO6
Plug Only to Show, 7-pin (concealed shell; M and R escutcheons only, single cylinder only) ³	PO7
Keying and Keys	
0-bitted with 2 blank keys	0Bit (standard)
Keyed Random	KR
Construction Master Keyed (not available for Pyramid)	CMK
Uncombined	UC
2 keys per lock	(standard)
More than 2 keys	KY# (e.g., KY6)
Visual key control (VKC)	
No bitting or keyset stamping on keys or cylinder	VKC0
Keys only	VKC1
Cylinders and keys (not for AS, AHS, ACS, ACHS, HS, CHS, PHS or PCHS)	VKC2
Cylinders only (not for AS, AHS, HS, ACS, ACHS, CHS, PHS or PCHS)	VKC3
Concealed key control (CKC)	
CKC cylinders with VKC keys	CKC2
CKC cylinders only (not for AS, AHS, HS, ACS, ACHS, CHS, PHS or PCHS)	CKC3

1. Not available with ML2029.
2. Not available for ML2017, ML2029, ML2000VR, ML20600 or ML20900.
3. Not available with ML2000VR
4. Not available UC (uncombined)

Finishes

ANSI/BHMA 605 (US3)	Bright Brass
ANSI/BHMA 606 (US4)	Satin Brass
ANSI/BHMA 611 (US9)	Bright Bronze
ANSI/BHMA 612 (US10)	Satin Bronze
ANSI/BHMA 613 (US10B)	Oxidized Bronze, oil rubbed
613E (US10BE)	Dark Oxidized Satin Bronze - Equivalent
613L	Dark Oxidized Satin Bronze, Clear Coated
ANSI/BHMA 618 (US14)	Bright Nickel Plated
ANSI/BHMA 619 (US15)	Satin Nickel Plated
ANSI/BHMA 625 (US26)	Bright Chromium Plated
ANSI/BHMA 626 (US26D)	Satin Chromium Plated
626C	Satin Chromium Plated with MicroShield®
ANSI/BHMA 629 (US32)	Bright Stainless Steel
ANSI/BHMA 630 (US32D)	Satin Stainless Steel (®)
630C	Satin Stainless Steel with MicroShield®
722	Black Oxidized Bronze, oil rubbed
BSP	Black Suede Powder Coat
WSP	White Suede Powder Coat

Surface Vertical Rod Features

ED5000 Series

ED5470 Panic-Listed Surface Vertical Rod Exit Device

ED5470B 1-1/2 Hour Fire-Listed Surface Vertical Rod Exit Device

Features

Handing

Device is handed but easily field reversible.
Lever trim is handed.

Bar length

Easily field cut to size.
Standard: 36" (914mm) bar fits 30" - 36" (762mm-914mm) door.
Optional: 24" (610mm) bar fits 24" (610mm) door; specify W024.
Optional: 48" (1219mm) bar fits 36" - 48" (914mm-1219mm) door; specify W048.

Door Thickness

1-3/4" (44mm) standard.
Optional: 2" (51mm); specify D200.
Optional: 2-1/4" (57mm); specify D214.

Stile

Minimum width 4-1/2" (14mm).

Door Height

Standard top rod for 7' door.
All top rods easily field cut to size.
Optional door heights up to 10' available; see Quick Codes, page 56.

Latchbolt

Top: 3/4" (19mm) throw, stainless steel, pullman-type with automatic deadlatching.
Bottom: 5/8" (16mm) throw deadbolt, held retracted during door swing.

Vertical Rods

1/2" O.D. tubular brass, bronze or stainless steel with rod guides.

Less Bottom Rod

Optional on ED5470 & ED5470B devices only; specify M55.

Heat Activated Door Bolt (Popper)

Standard on all fire-rated devices with M55 option (less bottom rod).

Materials

Heavy-duty cold-forged steel chassis; heavy-gauge steel mechanisms, electroplated for corrosion resistance; finished parts are brass, bronze or stainless steel; stainless steel springs; nylon bearings.

Projection

3-1/4" (83mm) active, 2-3/4" (70mm) dogged.

Dogging

Standard on panic devices; single-point 1/4 turn hex key dogging. Optional: less dogging, specify M51. Optional: cylinder dogging, specify M52. Optional: electric dogging; specify M97. Mechanical dogging not available on fire-rated devices.

Fasteners

Standard on panic devices: machine screws and wood door fasteners. Standard on fire-rated devices: sex nuts and bolts. Optional on panic devices: sex nuts and bolts for use on wood, composite, or unreinforced metal doors; specify M54. Optional wood screws for use on approved fire-rated solid wood or wood core doors. Specify M64.

Strike

Top: surface mounted interlocking.
Bottom: flush mounted.
Optional strikes available; see Options and Accessories, page 51.

Functions and Trims

Through-bolted lever, pull and thumbpiece trims available with wide range of functions; see Trims and Functions, pages 28-35.

Cylinders

Cylinder not included unless specified. See Quick Codes, page 54.

Shim Kit

Optional for mounting device over raised vision light molding; specify M58.

Applications and Listings

See page 4.

Warranty

Five-year limited.

Certification/Compliance

ANSI

Meets A156.3, Type 2, Grade 1.
Meets A117.1 Accessibility Code when ordered with M55 option only.

UL/cUL

All devices listed for safety as panic hardware; devices comply with UL 305 standards for panic hardware. 1-1/2 hour fire-rated devices listed as fire exit hardware for B label and lesser class 8' x 10' double doors; UL symbol on active case cover indicates listings.

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

California State Reference Code

This product has been approved by the California State Fire Marshal pursuant to section 13144.1 of the California Health and Safety Code.

NFPA

All exit devices comply with NFPA 101 Life Safety Code.
All fire-rated devices comply with NFPA 80 Fire Doors and Windows.

ADA

Exit devices with M55 option, lever trims and pulls comply with Americans with Disabilities Act.

Finishes

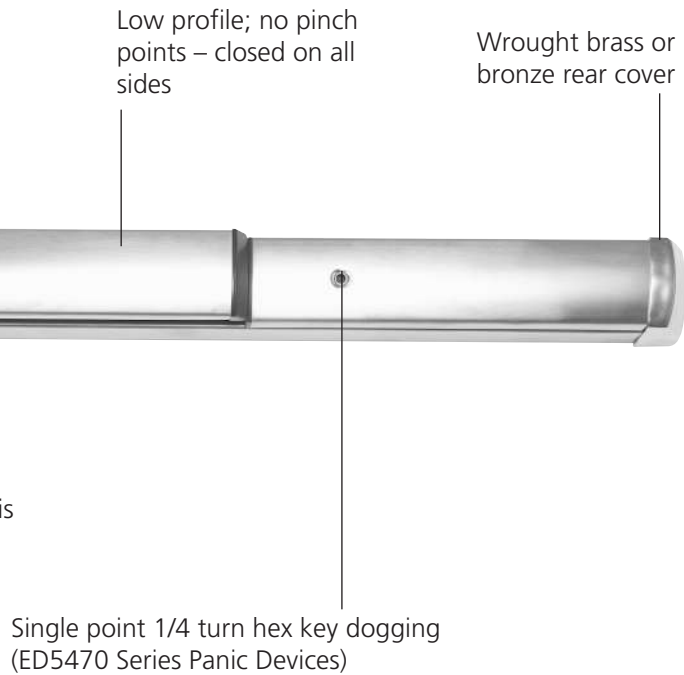
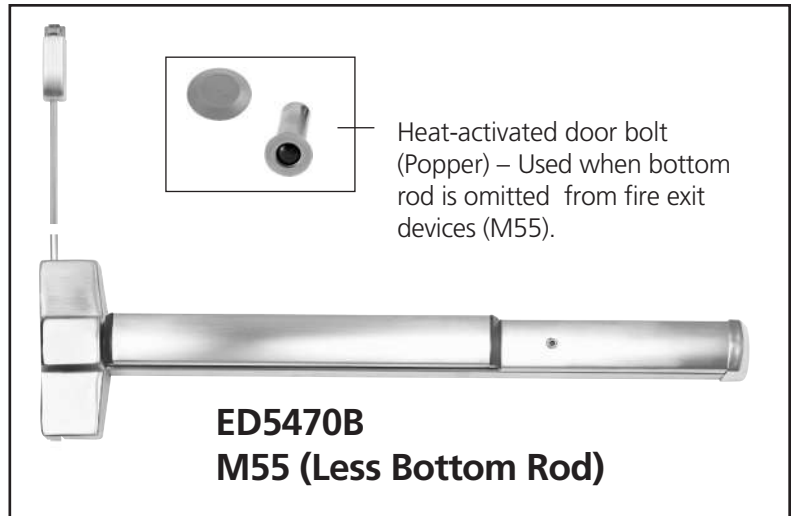
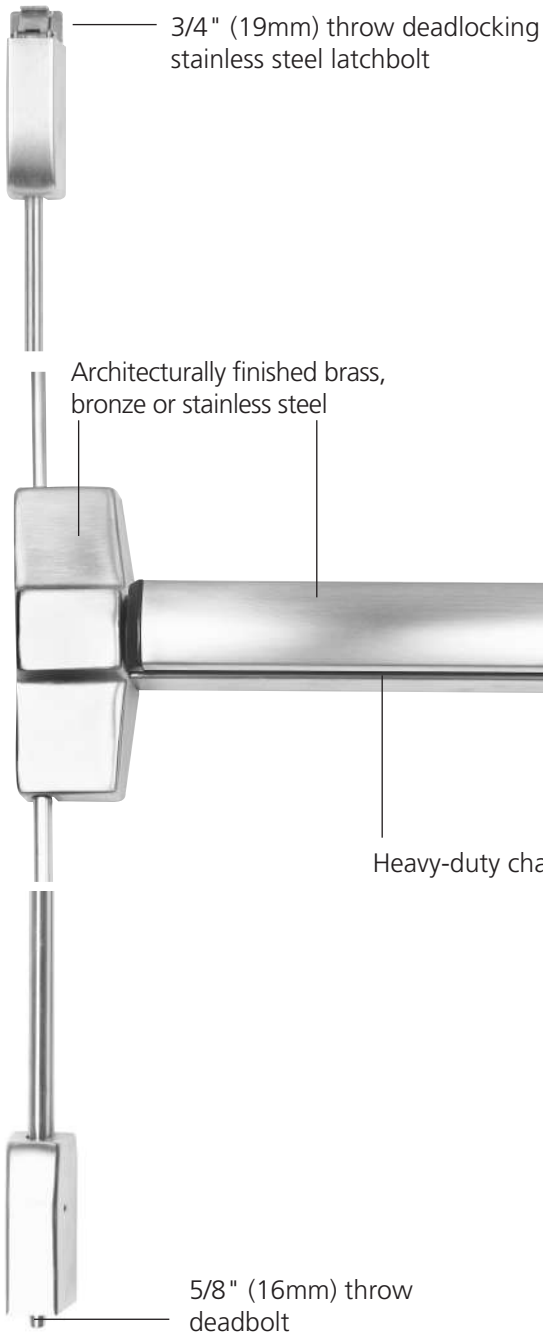
BHMA 605	Bright Brass
BHMA 606	Satin Brass
BHMA 611	Bright Bronze
BHMA 612	Satin Bronze
BHMA 613	Oxidized Bronze, oil rubbed, available lacquered
613E	Dark Oxidized Satin Bronze Equivalent
BHMA 618	Bright Nickel Plated
BHMA 619	Satin Nickel Plated
BHMA 625	Bright Chromium Plated
BHMA 626 ¹ (Trim only)	Satin Chromium Plated
626C ²	Satin Chromium Plated with MicroShield®
BHMA 629	Bright Stainless Steel
BHMA 630	Satin Stainless Steel
630C ²	Satin Stainless Steel with MicroShield®
722	Black oxidized bronze, oil rubbed
BSP	Black Suede Powder
WSP	White Suede Powder Coat

1. Contact factory for devices required in BHMA 626
2. Finish available with MicroShield® antimicrobial coating.

Surface Vertical Rod Features

ED5000 Series

ED5470 and ED5470B Surface Vertical Rod Exit Devices



Quick Codes

ED5000 Series

Cylinder and Keying

Description	Specify
Conventional 6-pin	6P
Conventional 7-pin	7P
LFIC	
LFIC 6-pin	C6
LFIC 6-pin less core	CL6
LFIC 6-pin with temporary construction core (Red)	CT6R
LFIC 6-pin with temporary construction core (Blue)	CT6B
LFIC 6-pin with temporary construction core (Green)	CT6G
LFIC 6-pin with temporary disposable core	CT6D
LFIC 7-pin	C7*
LFIC 7-pin less core	CL7*
LFIC 7-pin with temporary construction core (Red)	CT7R*
LFIC 7-pin with temporary construction core (Blue)	CT7B*
LFIC 7-pin with temporary construction core (Green)	CT7G*
LFIC 7-pin with temporary disposable core	CT7D*
SFIC	
SFIC 6-pin	C6S
SFIC 6-pin with temporary construction core (Blue)	CT6SB
SFIC 6-pin with Less Core	CLS6
SFIC 6-pin with SFIC disposable temporary core	CT6SD
SFIC 7-pin	C7S
SFIC 7-pin with temporary construction core (Blue)	CT7SB
SFIC 7-pin with Less Core	CLS7**
SFIC 7-pin with SFIC disposable temporary core	CT7SD*
Security	
Security	HS
Security IC	CHS
Access 3®	
Access 3® - Patented	AP
Access 3® - Security	AS
Access 3® - High Security	AHS
Access 3® IC - Patented	ACP
Access 3® IC - Security	ACS
Access 3® IC- High Security	ACHS
Pyramid	
Pyramid Security fixed core	PS
Pyramid Security IC	PCS
Pyramid High Security fixed core	PHS
Pyramid High Security IC	PCHS
Pyramid IC with temporary construction core	CTP
Pyramid IC with temporary disposable core	CTPD
Pyramid IC less core	CLP
Keying and Keys	
0-bitted with 2 blank keys	(standard)
Keyed random	KR
Construction master keyed	CMK
2 keys per lock	(standard)
More than 2 keys	KY# (e.g., KY6)
Visual key control (VKC)	
No keying data stamped on key or cylinder	VKC0
Keys only	VKC1
Cylinders and keys (not for HS, CHS, PHS or PCHS)	VKC2
Cylinders only (not for HS, CHS, PHS or PCHS)	VKC3
Concealed key control (CKC)	
CKC cylinders with VKC keys	CKC2
CKC cylinders only (not for HS, CHS, PHS or PCHS)	CKC3

*Not available with Rim or SVR lever trim - Classroom Function

+Not available with 55 function

Experience a safer
and more open world

ED5000.56

Strikes

Description	Specify
Rim x vertical rod on pairs of doors	S02
Surface and concealed vertical rod Bottom strike for 1/2" thresholds or flush mount	S09
Mortise ANSI strike for pairs of doors with astragal	SS078
Open back strike for 1-3/4" doors	SB134
Open back strike for 2-1/4" doors	SB214

Door Height

Door Height	Specify
ED5400(A) and ED5470(B) devices	
7'0"	(standard)
7'2"	H0702
7'6"	H0706
8'0"	H0800
ED5800(A) devices	
8'0"	(standard)
ED5470(B), ED5860(B) devices only	
9'0"	H0900
10'0"	H1000

Door Width

Door Width	Specify
24" (610mm)	W024
36" (914mm)	(standard)
48" (1219mm)	W048

Door Thickness

Door	Specify
1-3/4" (44mm)	(standard)
2" (51mm)	D200
2-1/4" (57mm)	D214

Quick Codes

ED5000 Series

Finish

Description		Specify
US3	Bright Brass	605
US4	Satin Brass	606
US9	Bright Bronze	611
US10	Satin Bronze	612
US10B	Dark Oxidized Satin Bronze, oil rubbed	613
10BE	Dark Oxidized Satin Bronze Equivalent	613E
US14	Bright Nickel Plated	618
US15	Satin Nickel Plated	619
US26	Bright Chromium Plated	625
US26D	Satin Chromium Plated	626 ¹ (Trim only)
	Satin Chromium Plated with MicroShield®	626C ²
US32	Bright Stainless Steel	629
US32D	Stain Stainless Steel	630
	Stain Stainless Steel with MicroShield®	630C ²
—	Black oxidized bronze, oil rubbed	722
—	Black Suede Powder Coat	BSP
—	White Suede Powder Coat	WSP

1. Contact factory for devices required in BHMA 626
2. Finish available with MicroShield® antimicrobial coating.

Lock/Cylinder Finish

Lock	Cylinder/Core*
605,606,611,612,613,613E,722	606
618,619,625,626,626C,629,630,630C,WSP	626
BSP	BSP

*Finish when cylinder provided with lock

Miscellaneous Options

Description	Specify
Torx® head screws	M04
ANSI wrought strike box (mortise)	M17
Knurling outside and inside (embossed touchbar - device side) ¹	M20 ⁷
Knurling outside only (trim side) ¹	M21 ^{7,8}
Knurling inside only (embossed touchbar - device side)	M22 ⁷
Abrasive coat outside and inside (trim and device)	M23
Abrasive coat inside only (device side)	M24
Abrasive coat outside only (trim side)	M25
24", 36" and 48" PathLite™ Photoluminescent Touchbar Cover	M49
Less dogging	M51
Cylinder dogging	M52
Sex nuts and bolts (SNBs)	M54
Less bottom vertical rod (ED5470(B)/ED5860(B) Only)	M55
Narrow Stile Cover	M56
Mullion stabilizer	M57
Shim kit (for vision light)	M58
Parabolic escutcheon	M60
Wood screws for use on fire-rated solid wood or wood core doors	M64
Flush transom top strike bracket (ED5400 and ED5400A only)	M67
Schlage cam and HSG assembly ⁶	M69
Door frame filler block for double rabbeted frames	M95
Door frame angle bracket for aluminum frames	M96
Windstorm Certified products for ED5200S(A) and ED5470(B) Only ^{2,3,4,5}	M107
High Impact End Clamp	M109
Flush End Cap	M110
5LB pressure release (ED5200 only)	5CH

Notes:

1. Not available with VT9, VTL9, VT9M and VTL9M trim.
2. ED5200S(A) x M107 requires through bolts.
3. ED5470(B) maximum opening height is 8'0".
4. Contact Ceco, Curries® or Fleming for detailed frame/door requirements and limitations.
5. Not available with electric dogging (M97).
6. M69 available for 955 and 959 trim only.
7. All levers provided in a powder coat finish will be supplied with an abrasive coating.
8. Not available on museo and vineyard levers

Handing

Hand	Specify
Right Hand Reverse	RHR
Left Hand Reverse	LHR

Electrified Exit Devices

ED5000 Series

Electric Latch Retraction - MELR

The Motorized Electric Latch Retraction (MELR) exit device provides remote-controlled latch retraction that delivers quiet, smooth operation for convenient, hassle-free egress. Easily installed in new applications and available as retrofit rail kit assemblies for field updates, the MELR features maintenance-free design with few moving parts using 86% less power consumption during retraction than solenoid devices. Plus, MELR is powered by a standard power supply, simplifying installation and increasing system design flexibility.

Application

SecureBolt® Exit Devices
Rim Exit Devices
Surface Vertical Rod Exit Devices
Concealed Vertical Rod Exit Devices
Mortise Exit Devices

Listings

UL listed for both Panic and Fire Exit Hardware. Windstorm rated with M107 option.

Bar Length/Door Width

Easily field cut to size.
Standard: 36" (914mm)* bar fits 34" - 36"

(762mm-914mm) door.

*Bar fits 34"-36" when equipped with MELR Option.

Optional: 48" (1219mm)* bar fits 36" -48"

(914mm-1219mm) door; specify W048.

*bar fits 39"-48" when equipped with MELR Option

Electrical Specifications

24VDC (BPS-24-1) regulated/filtered power supply. Requires 1A per device

Motor Driven Latch Retraction

.65A amp max during retraction
.2 amp holding-continuous duty

Device bolts remain retracted for as long as the device is energized.

Removal of power returns the device to the life safety, self-latching mechanical mode.

Interfaces with central or local fire alarm system, automatic door operators, access control systems, security alarm systems, and blow open door systems.

Amount of rail retraction is automatically controlled by controller PC board; system actively monitors position and speed and adjusts itself.

Timer

Digital retraction timer (0-20 seconds) or set to power mode for access control systems.

Hinges

Standard electric hinge. No special power transfer required.

Note: This feature is not available with Electric Dogging (M97) or delayed egress (D) on the same device.

The MELR feature is not available when combined with the Exit Device Alarm (M61), Electric Dogging (M97), or Delayed Egress (D) options.

Warranty

5 years

How to Order

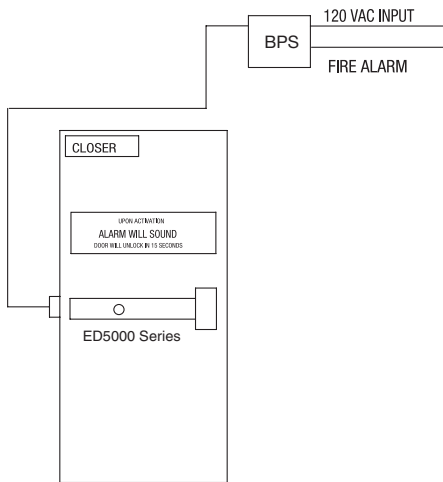
Specify Quick Code MELR.



Electrified Applications

ED5000 Series

Exit Device with Delayed Egress Option on "Exit Only" Door



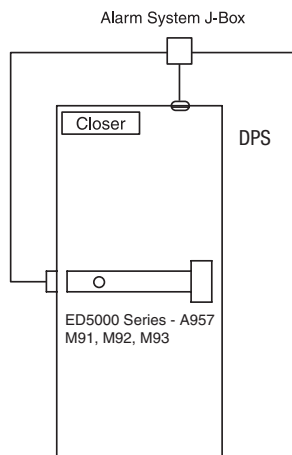
Components

ED5000 Series - Delayed Egress Exit Device - Corbin Russwin
Power Transfer Hinge
BPS Power Supply - Corbin Russwin
Surface Door Closer - Corbin Russwin

Operation

Operation of the ED5000 Series D Exit Device will sound an alarm and activate either a 15- or 30-second alarm sequence inside of the exit device. After this time period, the device will release the push bar, making it active, and egress is possible. When the fire alarm is activated, power to the exit device will be interrupted, allowing free egress and mechanical latching. Authorized alarm bypass and reset is done through the built-in keyswitch located in the exit device.

Exit Device - High-Security Application M91, M92 and M93 Monitoring Switch Options With Door Position Switch



Components

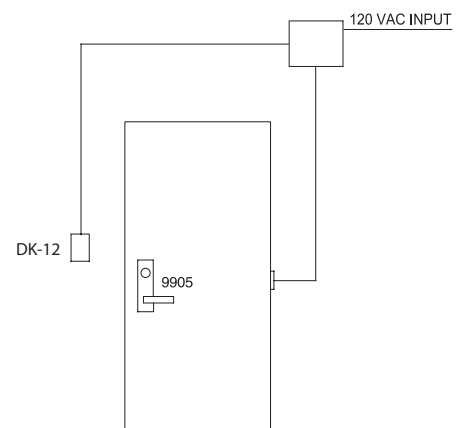
ED5000 Series - A957 Nightlatch Trim - Corbin Russwin
M91 Bolt Monitor Switch
M92 Touchbar Monitor Switch
M93 Trim Monitor Switch
Door Position Switch
Power Transfer Hinge
Surface Door Closer - Corbin Russwin

Operation

Operation of the ED5000 Series Exit Device with the M91, M92, M93 and a door position switch can be used together or individually to sound an alarm, shunt an alarm, monitor the door's security or as a "Request to Exit" in conjunction with a magnetic lock.

Electric Trim

Exit Device with Electrified Trim



Components

9905 Electrified Trim - Corbin Russwin
ED5000 Series Exit Device - Corbin Russwin
DK-12 Digital Keypad by Corbin Russwin
Electrified Hinge
BPS-24-1 Power Supply - Corbin Russwin

Operation

Operation of the 917 Digital Keypad will allow keyless entry from the non-protected side of the opening. When a valid code is entered into the keypad, voltage will be applied to the trim, making the lever active and allowing ingress. Free exit is allowed by using the exit device from the protected side of the door.

Rim Features

ED5000 Series

ED5200	Panic-Listed Rim Exit Device
ED5200A	3-Hour Fire-Listed Rim Exit Device
ED5202	Panic-Listed Rim Double Cylinder Exit Device
ED5202A	3-Hour Fire-Listed Rim Double Cylinder Exit Device



Features

Handing

Standard device is non-handed.
Double Cylinder Device is Handed.
Lever trim is handed.

Bar Length

Easily field cut to size.
Standard: 36" (914mm) bar fits 30" - 36" (762mm-914mm) door.
Optional: 24" (610mm) bar fits 24" (610mm) door; specify W024.
Optional: 48" (1219mm) bar fits 36" -48" (914mm-1219mm) door; specify W048.

Door Thickness

1-3/4" (44mm) standard.
Optional: 2" (51mm); specify D200.
Optional: 2-1/4" (57mm); specify D214.

Stile

Minimum width 4-1/2" (114mm).

Latchbolt

3/4" (19mm) throw, stainless steel pullman-type with stainless steel deadlocking latch.

Materials

Heavy-duty cold-forged steel chassis; heavy-gauge steel mechanisms, electroplated for corrosion resistance; finished parts are brass, bronze or stainless steel; stainless steel springs; nylon bearings.

Projection

3-1/4" (83mm) active, 2-3/4" (70mm) dogged.

Dogging

Standard on panic devices; single-point 1/4 turn hex key dogging.
Optional: less dogging, specify M51.
Optional: cylinder dogging; specify M52.
Optional: electric dogging; specify M97.
Mechanical dogging not available on fire-rated devices.

Fasteners

Standard on panic devices: machine screws and wood door fasteners. Standard on fire-rated devices: sex nuts and bolts. Optional on panic devices: sex nuts and bolts for use on wood, composite, or unreinforced metal doors; specify M54. Optional wood screws for use on approved fire-rated solid wood or wood core doors. Specify M64.

Strike

Surface-mounted 3/8" (10mm) diameter roller strike, complete with positive locking plate and shims, assuring low friction relocking for a long, trouble-free life.

Functions and Trims

Through-bolted lever, pull and thumbpiece trims available with wide range of functions; see Trims and Functions, pages 28-35.

Cylinders

Cylinder not included unless specified. See Quick Codes, page 54.

Removable Mullion

See Mullions, page 49.

Shim Kit

Optional for mounting device over raised vision light molding; specify M58.

Applications and Listings

See page 4.

Warranty

Five-year limited.

Certification/Compliance

ANSI

Meets A156.3, Type 1, Grade 1.
Meets A117.1 Accessibility Code.

UL/cUL

All devices listed for safety as panic hardware; devices comply with UL 305 standards for panic hardware. Three-hour fire-rated devices listed as fire exit hardware for A label and lesser class 4' x 8' single or 8' x 8' double doors; UL symbol on active case cover indicates listing.

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

California State Reference Code

This product has been approved by the California State Fire Marshal pursuant to section 13144.1 of the California Health and Safety Code.

NFPA

All exit devices comply with NFPA 101 Life Safety Code. All fire-rated devices comply with NFPA 80 Fire Doors and Windows.

ADA

Exit devices, lever trims and pulls comply with Americans with Disabilities Act.

Finishes

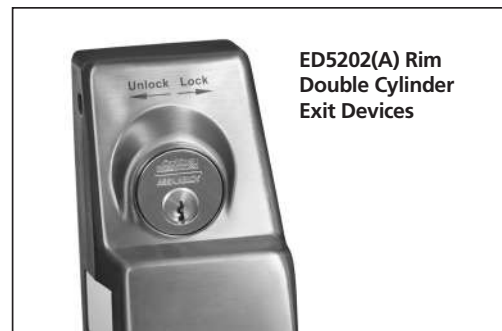
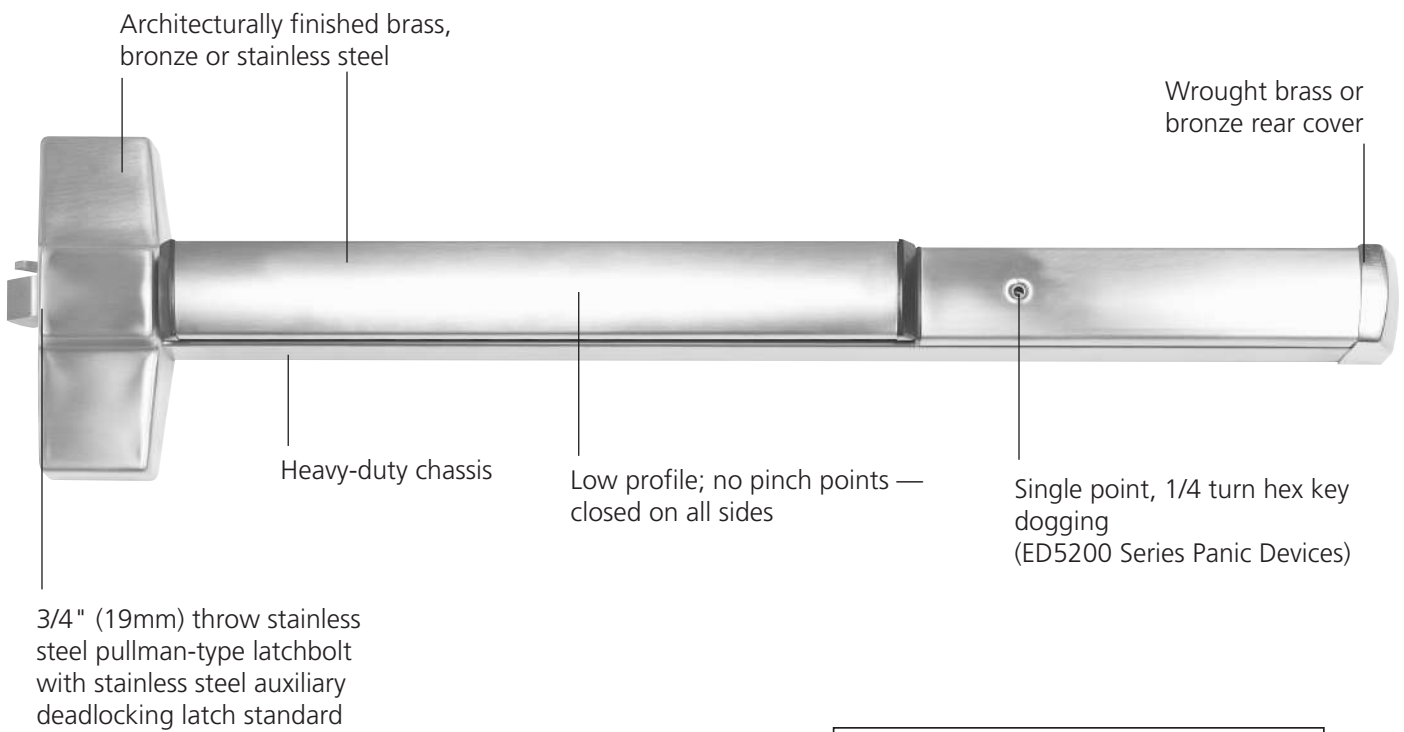
BHMA 605	Bright Brass
BHMA 606	Satin Brass
BHMA 611	Bright Bronze
BHMA 612	Satin Bronze
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613E	Dark Oxidized Satin Bronze Equivalent
BHMA 618	Bright Nickel Plated
BHMA 619	Satin Nickel Plated
BHMA 625	Bright Chromium Plated
BHMA 626 ¹ (Trim only)	Satin Chromium Plated
626C ²	Satin Chromium Plated with MicroShield®
BHMA 629	Bright Stainless Steel
BHMA 630	Satin Stainless Steel
630C ²	Satin Stainless Steel with MicroShield®
722	Black oxidized bronze, oil rubbed
BSP	Black Suede Powder Coat
WSP	White Suede Powder Coat

1. Contact factory for devices required in BHMA 626
2. Finish available with MicroShield® antimicrobial coating.

Rim Features

ED5000 Series

ED5200 and ED5200A Rim Exit Devices



Electrified Exit Devices

ED5000 Series

Electrically Controlled Heavy-Duty Trim

Electrically controlled trim provides electric locking and unlocking of the 900 Series heavy-duty lever trim. It easily retrofits into existing applications and is ideal for door control.

Advantages

- Available in Fail Safe or Fail Secure operation
- Features EcoFlex®
- Operates from 12-24 VDC
- Internal rectifier accepts AC or DC voltage
- Free Wheeling lever when locked
- Key override (specify cylinder)
- Plug connector with 4' wire lead (Exit device can be used as the wire raceway)

Applications

- ED5200(A) Rim
- ED5200S(A) SecureBolt®
- ED5400(A) Surface Vertical Rod
- ED5470(B) Surface Vertical Rod
- ED5800(A) CVR
- ED5860(B) CVR

Trim

Utilizes all 900 series trim lever designs including the Muséo® and Vineyard™ Collections

Electrical Specifications

- Actuator Draw = 400mA inrush / 15mA continuous @12VDC / 24VDC
- Security Monitor Switch (M98): 4 AMP @ 250VAC

Door Thickness

1-3/4" (44mm) standard.
Optional: 2" (51mm); specify D200.
Optional: 2-1/4" (57mm); specify D214.

Options

- M98 – Security Monitor. A SPDT switch that monitors the position of the motor actuator (lock and unlock status).
- M99 – Trim gasket for exterior applications.

Cylinder

Cylinder not included unless specified. See Quick Codes, page 54.

How to Order

N9903 626 RHR M98, 6P



Electrically Controlled Heavy-Duty Trim

Functions

Fail Safe

The x9903 trim is locked when power is on and unlocked when power is off.

	Function Description
x9903 (Fail Safe)	• Lever is locked when power is on (Free Wheeling)
	• Power off allows entry from trim
	• Inside device is always active for egress
	• Mechanical key override (09 Function – Key allows lever to retract latch bolt. Key can only be removed in locked position.)

Fail Secure

The x9905 trim is locked when power is off and unlocked when power is on.

	Function Description
x9905 (Fail Secure)	• Lever is locked when power is off (Free Wheeling)
	• Power on allows lever activation for entry
	• Inside device is always active for egress
	• Mechanical key override (09 Function – Key allows lever to retract latch bolt. Key can only be removed in locked position.)

x = Lever trim design - Standard, Vineyard™ and Muséo®

Features

DC6000

DC6200 - Multi-Sized

DC6400 - Sizes 1-6, half size adjustable

Features

Spring Power

DC6200 closers: multi-sized; fully adjustable sizes 1 through 6.
DC6400 closers: sizes 1 through 6; half-size adjustability.
For recommended sizes, see page 14.

Handing

Non-handed (with the exception of some arms and accessories).

Body

Cast-iron case with seamless cold headed steel spring tube.

Arm

Standard: forged steel.
Arm options pages 8-10.

Spindle

Heat-treated steel with a crowned gear set for increased efficiency.

Piston

1-3/8" diameter; precision machined, heat-treated steel.

Springs

Chrome silicon wire.

Valves

Latching speed valve standard.

Closing speed valve standard.

Multiple backcheck location valve and backcheck intensity valve standard.

Delayed action valve optional. Delayed action preset for 20 seconds. Between 90° and 70° for all mountings. To order specify M71.

Seals

"O" rings.

Fluid

Standard: high lubricity extreme temperature hydraulic fluid.

Degree of Opening

Up to full 180° opening standard for regular, top jamb and parallel arm mountings, conditions permitting.

Power Adjustment Arm Bracket

15% adjustment standard.

Cover

Standard: plastic V-O flame rated cover.
Optional: full metal cover; specify M73 x hand.

Mountings

Standard: regular or top jamb.
Parallel arm or tri-style packaging: specify DC6210 or DC6410.
Optional mountings available; see Mountings, page 6.

Mounting Bracket

Quik-Install™ mounting bracket standard.

Fasteners

Standard: self-drilling screws.
Optional: sex nuts and bolts (SNBs); specify M54.

Corrosion Protection

Painted protective coating on all metal surfaces for use in corrosive environments.

Security Package

Includes heavy-duty parallel or regular arm, full metal cover and security Torx® machine screws. Specify M87 x arm x hand. See pages 8-12 for arm options.

Warranty

30-year limited warranty. Refer to Corbin Russwin price book for details.

Certification/Compliance



Barrier-Free Code Compliance

The DC6000 Series Door Closers listed below conform to the 5 lbf. maximum door opening force requirement for non-fire-rated interior hinged doors, according to:

Americans with Disabilities Act (ADA)
Complies with the Accessibility Guidelines for Buildings and Facilities, Section 4.13.11

ANSI/BHMA

A156.4, Grade 1.
A117.1.

DC6200	DC6412
DC6210	DC6421
DC6220	DC6401
DC6411	

These door closers are certified by Corbin Russwin Architectural Hardware to comply with the above standards when properly installed and (if applicable) adjusted, in regular arm, parallel arm and top jamb mountings.

UL10C positive pressure up to 3 hours UL-cUL

Listed for fire and cycle requirements.

Cycles

Exceeds 25 million cycles

CAUTION: Door Closers for Low Opening Force Applications:

Door closers installed in openings required to meet the requirements of the Americans With Disabilities Act or ANSI/BHMA Standard A117.1, when adjusted to meet those requirements, may not provide adequate closing power to dependably close and latch the door based on opening or site conditions.

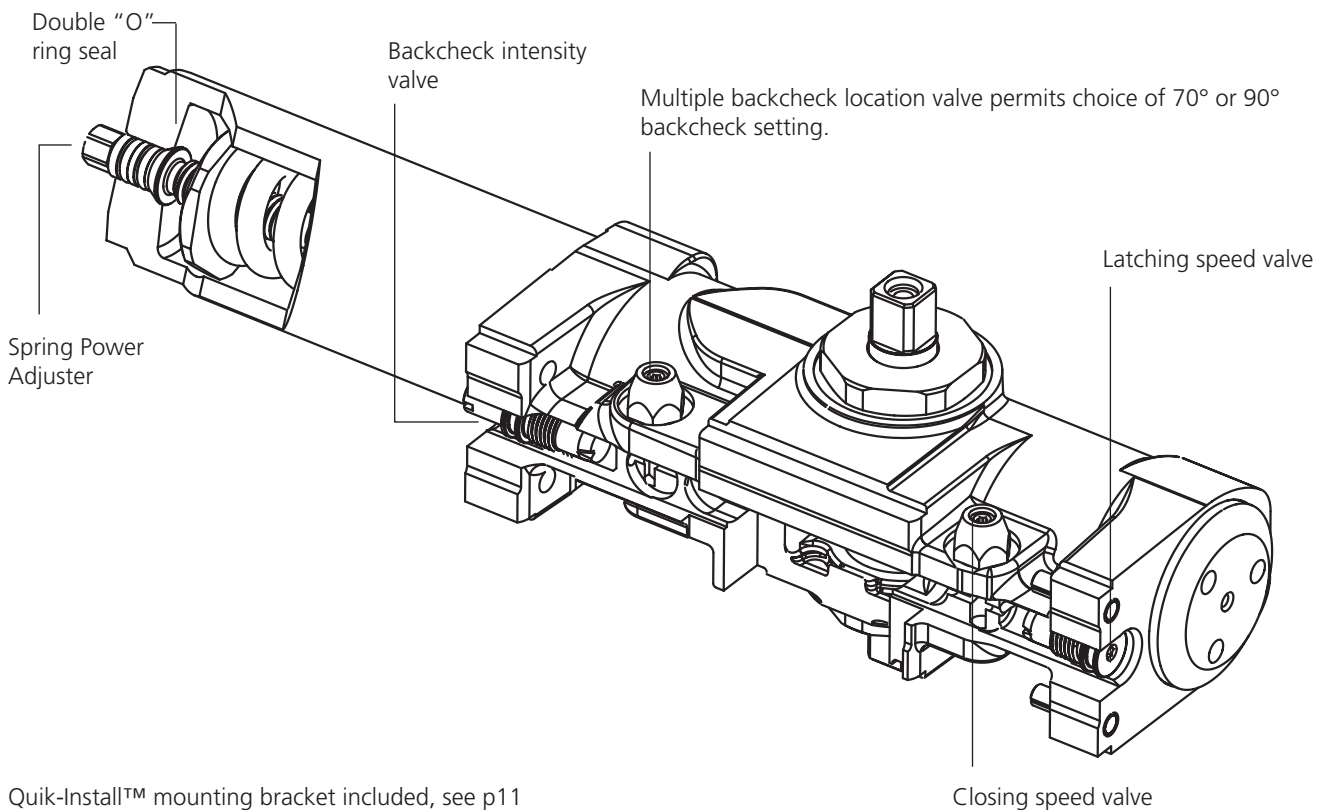
Finishes

Specify	Description
600 (USP)	Primed
BHMA 605 (US3)*	Bright Brass
BHMA 606 (US4)*	Satin Brass
BHMA 611 (US9)*	Bright Bronze
BHMA 612 (US10)*	Satin Bronze
613E	Dark Oxidized Satin Bronze, Equivalent
BHMA 625 (US26)*	Bright Chromium Plated
BHMA 626 (US26D)*	Satin Chromium Plated
689 (SBL)	Silver Aluminum
690 (DBL)	Dark Bronze
691 (LBL)	Light Bronze
693 (FBL)	Black
696 (GBL)	Satin Brass
BSP	Black Suede Powder Coat
WSP	White Suede Powder Coat

*Metal cover is required for these finishes.

For split finish on closer cover and arm, specify cover finish first, then arm finish. (e.g., DC6200 x 625 x 689).

DC6200 - Multi-Sized DC6400 - Sizes 1-6, half-size adjustable

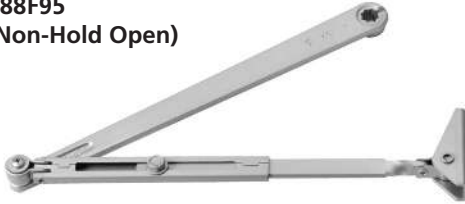


Quik-Install™ mounting bracket included, see p11

Arm Options

DC6000

**688F95
(Non-Hold Open)**



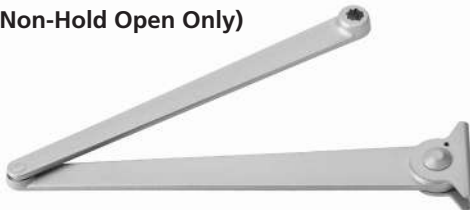
**688F77
(Hold Open)**



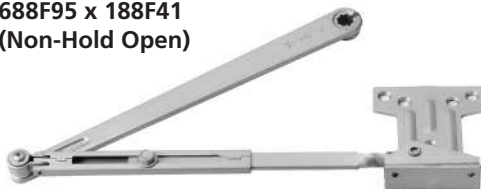
**691F72
(Non-Hold Open)**



**597F52
(Non-Hold Open Only)**



**688F95 x 188F41
(Non-Hold Open)**



**688F77 x 509F49
(Hold Open)**



Regular Arm

- Used with regular arm (pull side) and top jamb (push side) mounting
- Available in painted or plated finishes
- Non-hold open arm standard on the DC6200 and DC6400 closers
- Hold open arm optional, specify closer x **A1***

Deep Reveal Arm (3-3/8" (86mm) - 7-1/4" (184mm))

- Accommodates top jamb mounting for reveals up to 7-1/4" (184mm), depending on door and frame conditions
- Mounted on push side
- Available in painted or plated finishes
- Optional on DC6220 and DC6420 closers
- Non-hold open, specify closer x **A6**
- Hold open, specify closer x **A8***

Non-Hold Open	691F72
Hold Open	691F74

Heavy-Duty Regular Arm

- Recommended for high-use, high-abuse environments
- Tamper-resistant, solid forged steel riveted arm
- Mounted on pull side
- Not available in plated finishes
- Optional on DC6200 and DC6400 closers, specify closer x **A10**

Parallel Arm

- Mounted on push side
- Non-hold open arm – combines regular arm with parallel arm mounting bracket
- Available in painted or plated finishes
- Hold open arm – combines regular hold-open arm with parallel arm mounting bracket
- Non-hold open arm standard – order DC6210 or DC6410 series
- Hold open arm optional, specify closer x **A1***

Specify finish when ordering arms. *Not allowed by code on fire doors.

**689F02
(Non-Hold Open)**



**689F01
(Hold Open)**



Heavy-Duty Parallel Arm

- Recommended for high-use, high-abuse environments
- Tamper-resistant, solid forged steel riveted arm
- Mounted on push side
- Not available in plated finishes
- Optional on DC6210 and DC6410 closers
- Non-hold open arm, specify closer x **A3**
- Hold open arm, specify closer x **A2***. Hold-open range 85° to 110°
- For use with overhead stops, specify closer x **A13** (see page 10)

**689F03
(Non-Hold Open)**



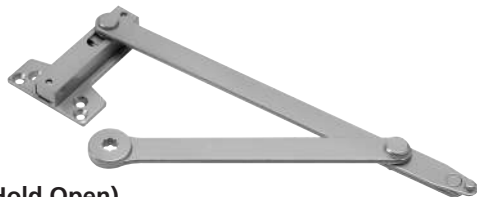
**689F04
(Hold Open)**



Heavy-Duty Reversible Backstop Parallel Arm

- Recommended for high-use, high-abuse environments
- Tamper-resistant, solid forged steel riveted arm
- Mounted on push side
- Not available in plated finishes
- Optional on DC6210 and DC6410 closers
- Field-reversible steel lug restricts degree of opening to protect door, wall and hardware
- Shipped standard as left hand. Handing can be reversed in the field
- Non-hold open arm, specify closer x **A4**. Door stop range 85° to 110°
- Hold open arm, specify closer x **A5***. Door stop/hold open range 85° to 110°

(Non-Hold Open)



(Hold Open)



Heavy-Duty Spring Stop Parallel Arm

- Recommended for high-use, high-abuse environments
- Integrates a door closer, shock absorber and auxiliary heavy-duty overhead stop
- Not available in plated finishes
- Hold open*
 - Holder mechanism tension adjustable
 - Hold open can be engaged/disengaged with a 1/4 turn of the mechanism with a standard blade type screwdriver
- Optional on DC6210 and DC6410 closers
- Non-hold open arm, specify closer x **A11 x door width**. Door stop range 85° to 110°.
- Hold open arm, specify closer x **A12* x door width**. Door stop/hold open range 85° to 110°.

Refer to page 12 for bracket information

Specify finish when ordering arms.
*Not allowed by code on fire doors.

Door Width	Model Number	
	Non-Hold Open	Hold Open
28" - 32" (71cm - 81cm)	615F52	615F51
33" - 41" (84cm - 104cm)	615F54	615F53
42" - 48" (107cm - 122cm)	615F56	615F55

597F78



Full Cover

- Standard on all DC6000 series door closers
- Completely covers closer body
- Non-handed
- Dimensions: 11-5/8" (295mm) x 3" (76mm) x 2-3/4" (70mm) deep
- Available in painted finishes only
- Flame rated V-O material compliant with UL10C

Full Metal Cover

- For use in high-abuse applications or when an architectural plated finish is desired
- Specify hand; not field reversible
- Available in painted and plated finishes
- Dimensions: 11-1/2" (292mm) x 2-7/8" (73mm) x 2-3/4" (70mm) deep



Part Number	Handing
603F55	RH/LHR
603F57	LH/RHR

Drop Plate

Permits parallel arm mounting on door when top rail is too narrow to install closer in the regular manner. Minimum 2-5/8" (67mm) top rail required. Jamb mounted where there is insufficient ceiling clearance for standard mounting or where it is necessary to allow vertical arm clearance for overhead door holders or frame gasketing. To order separately, specify Part No. x Finish.



Closer Series	Drop Plate
	With Full Cover
DC6210, DC6410	597F58
DC6220, DC6420	188F65
DC6240, DC6440	597F58

Quick Codes

DC6000

Arm

Arm	Specify Quick Code
Regular non-hold open	(standard)
Hold open	A1*
Heavy-duty parallel with hold open	A2*
Heavy-duty parallel non-hold open	A3
Heavy-duty backstop non-hold open	A4
Heavy-duty backstop with hold open	A5*
Deep reveal (3-3/8" -7-1/4")	A6
Deep reveal with hold open	A8*
Heavy-duty regular non-hold open	A10
Spring stop non-hold open (specify door width)	A11
Spring stop heavy-duty with hold open (specify door width)	A12*
Heavy-duty parallel arm with extra clearance	A13
Heavy-duty friction hold open arm (specify hand)	A14*
Push side track with hold open	A1*

***Hold open arms cannot be used on fire doors.**

Handing

Hand	Specify
Left Hand/Right Hand Reverse	LH
Right Hand/Left Hand Reverse	RH

Blade Stop

Spacer	Specify Quick Code
1/2"	M77
5/8"	M78

Torx® Tool Kit Package

Description	Specify
Bits and driver	597F24

Finish

Old Designation	Description	Specify Quick Code
USP	Primed	600
US3	Bright Brass	605*
US4	Satin Brass	606*
US9	Bright Bronze	611*
US10	Satin Bronze	612*
N/A	Dark Oxidized Satin Bronze, Equivalent	613E
US26	Bright Chromium Plated	625*
US26D	Satin Chromium Plated	626*
SBL	Silver Aluminum	689
DBL	Dark Bronze	690
LBL	Light Bronze	691
FBL	Black	693
GBL	Satin Brass	696
BSP	Black Suede Powder Coat	BSP
WSP	White Suede Powder Coat	WSP

*Metal cover is required for these finishes.

For split finish on closer cover and arm, specify cover finish first, then arm finish. (e.g., DC6200 x 625 x 689).

Door Thickness

Door Thickness	Specify
1-3/4" (44mm)	(standard)
2" (51mm)	D200
2-1/4" (57mm)	D214

Architectural Finishes

Most Rockwood products are available in all of the following architectural finishes. The catalog indicates exceptions. This finish list is grouped by base metal.

Base Metal	Description	Rockwood Code	BHMA Code	Base Metal	Description	Rockwood Code	BHMA Code
Aluminum	Satin	US27	627	Bronze	Polished clear coated	US9	611
Aluminum	Clear anodized	US28	628	Bronze	Satin clear coated	US10	612
Aluminum	Light bronze anodized	311	—	Bronze	Black oxidized bronze oil rubbed	US10A	722
Aluminum	Medium bronze anodized	312	—	Bronze	Satin oxidized oil rubbed	US10B*	613
Aluminum	Dark bronze anodized	313	710	Bronze	Oxidized equivalent	10BE	613E
Aluminum	Extra dark bronze anodized	314	—	Bronze	Satin oxidized clear coated	US10BL	614
Aluminum	Black anodized	315	711	Stainless Steel	Polished	US32	629
Aluminum	White powder coat	WPC	—	Stainless Steel	Satin	US32D	630
Aluminum	Red powder coat	RPC	—	Bronze	Satin dark statuary	US20A	624
Aluminum	Black powder coat	BPC	—				
Brass	Polished clear coated	US3	605				
Brass	Polished no coating	US3NL	—				
Brass	Satin clear coated	US4	606				
Brass	Satin oxidized relieved	US5	609				
Brass	Satin nickel plated clear coated	US15	619				
Brass	Satin nickel blackened relieved clear coated	US15A	620				
Brass	Flat black powder coated	US19	622				
Brass	Polished chrome plated	US26	625				
Brass	Satin chrome plated	US26D	626				

*US10B is a living finish and will patina over time

Special Finishes (see descriptions below)

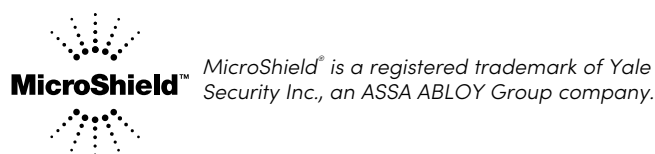
Stainless Steel	Satin MicroShield® coated	US32DMS**	—
Stainless Steel	Polished 316 alloy	US32316**	—
Stainless Steel	Satin 316 alloy	US32D316**	—
	Black Suede Powder Coat	BSP	—
	White Suede Powder Coat	WSP	—

US32DMS (MicroShield®):

As part of its promise to provide innovative solutions to their customers, ASSA ABLOY Group companies offer the MicroShield® technology, a silver-based antimicrobial coating designed to inhibit the spread of germs and bacteria.

US32316 and US32D316:

Made from alloy 316 stainless steel containing molybdenum and extra nickel giving it substantially higher corrosion resistance than the standard stainless steels typically used in door hardware. This finish is ideal for use in coastal, urban, and industrial areas that have harsh environmental conditions. 32316 (polish) finishes offer the best corrosion resistance and should be used in caustic environments.



800 458 2424 | www.rockwoodmfg.com
Check the web site for the up-to-date catalog

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ROCKWOOD®
ASSA ABLOY

Experience a safer
and more open world

Push Plates – .050" Thick

Material: Aluminum, brass, bronze, stainless steel

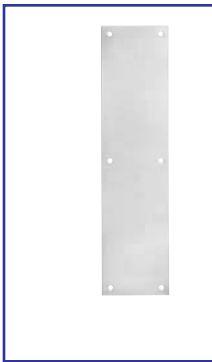
Finishes: Available in standard architectural finishes, US32DMS, and US32D316 (see page 9)

Fastener: #6 x 5/8" OH SMS

Features: Four beveled edges

Ordering: Specify plate number followed by size designation and finish (70B US32D) or for non-standard size 70. Specify width x height and finish. Specify any additional options

- Options:**
- Custom sizes available upon request
 - TEK – self-drilling screws
 - TORX – security Torx screws
 - SA – self-adhesive mounting: 1/16" double face foam tape (no screw holes on plate)
 - Engraving on plates 4" wide or wider. Specify copy. See page B1 for standard engraving locations
 - Cylinder cutouts (CFC) and turn knob cutouts (CFTT). See page B1 for standard locations and sizes
 - Heavy bevel available on 70A to 70G, specify HVBEV



No. 70

No.	Standard Size	Weight	ANSI A156.6
70A	3" x 12"	0.7 lbs.	J301
70B	3 1/2" x 15"	0.9 lbs.	J301
70C-RKW	4" x 16"	1.0 lbs.	J301
70E	6" x 16"	1.5 lbs.	J301
70F	8" x 16"	2.0 lbs.	J301
70G	4" x 20"	1.3 lbs.	J301



No. 70RC

No.	Standard Size	Weight	ANSI A156.6
70RCA	3" x 12"	0.7 lbs.	J301
70RCB	3 1/2" x 15"	0.9 lbs.	J301
70RCC	4" x 16"	1.0 lbs.	J301
70RCE	6" x 16"	1.5 lbs.	J301
70RCF	8" x 16"	2.0 lbs.	J301
70RCG	4" x 20"	1.3 lbs.	J301



No. 70RE

No.	Standard Size	Weight	ANSI A156.6
70REA	3" x 12"	0.7 lbs.	J301
70REB	3 1/2" x 15"	0.9 lbs.	J301
70REC	4" x 16"	1.0 lbs.	J301

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Check the web site for the up-to-date catalog

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SMOOTH

NeoCylinder™

Mesmerizing style fashioned from the seamless blending of a cylinder pull combined with flat end posts. Achieve pure captivation with the addition of the GripZone finish as contrast.



STRAIGHT PULL WITHOUT GRIPZONE

Part	Dia.	Proj.
RM7210	1 1/4"	2 3/4"



OFFSET PULL WITHOUT GRIPZONE

Part	Dia.	Proj.
RM7220	1 1/4"	2 3/4"



STRAIGHT PULL WITH GRIPZONE

Part	Dia.	Proj.
RM7230	1 1/4"	2 3/4"



OFFSET PULL WITH GRIPZONE

Part	Dia.	Proj.
RM7240	1 1/4"	2 3/4"



PUSH BAR WITHOUT GRIPZONE

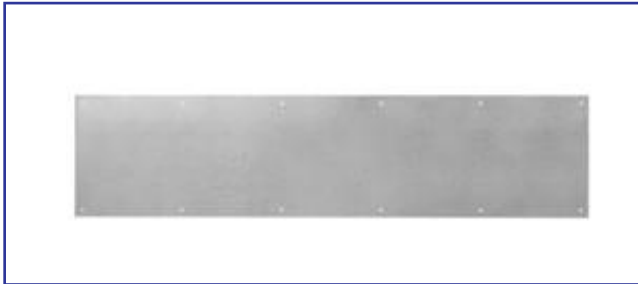
Part	Dia.	Proj.
RM7212	1 1/4"	2 3/4"



PUSH BAR WITH GRIPZONE

Part	Dia.	Proj.
RM7232	1 1/4"	2 3/4"

K1050 - .050" Thick - Metal Kick Plate-Standard Duty



Available Finishes:

- ▶ US10BE/613E
- ▶ Powder Coat
- ▶ US32DMS
- ▶ US32D316
- ▶ US32D/630
- ▶ US32316
- ▶ US32/629
- ▶ US28/628
- ▶ US26D/626
- ▶ US26/625
- ▶ US10B/613
- ▶ US10/612
- ▶ US9/611
- ▶ US4/606
- ▶ US3/605

Specifications:

Material: .050" Aluminum, Brass, Bronze, Stainless Steel

Fastener: #6 x 5/8 OH SMS

Ordering: Specify height x width x finish code. Add any options.

Weight: 8" x 34" = 4.0 lbs.

ANSI: J101 - metal armor plate, J102 - metal kick plate,
J103 - metal stretcher & mop plate.

Options:

- SA - self-adhesive mounting.
- TEK - self-drilling screws.
- Beveled 3 or 4 edges, specify B3E or B4E.
- CSK - countersunk holes.
- Cutouts for locks, louvers, or windows.
- TORX - security torx screws.

Width of Plates:

Push Side: 2" less than door width. Pull Side: 1-1/2" less than door width.

NFPA 80 STANDARDS - 2-4.5 Protection Plates: Factory-installed protection plates shall be installed in accordance with the listing of the door. Field-installed protection plates shall be labeled and installed in accordance with their listing.

Exception: Labeling is not required where the top of the protection plate is not more than 16 in. (406 mm) above the bottom of the door.

NOTE: Finishes US26/625 and US26D/626 are only available up to 24"H.



Solid Cast Wall Stops No. 400, 401, 402

Material: Cast brass with rubber bumper

Finishes: Available in standard architectural finishes (see page 9)

Features: Concealed mounting, convex bumper.

No.	Bumper	Fastener	Size	Projection	Weight	ANSI A156.16
400	Convex	#6 x 1½" FH SMS, plastic toggle	2⅞" dia.	1"	2 lbs./10	L02101
401	Convex	#8 x 1" RH WS, plastic anchor	2⅞" dia.	1"	2 lbs./10	L02101
402	Convex	#8 - 32 x 1" TH MS, anchor	2⅞" dia.	1"	2 lbs./10	L02101



Solid Cast Wall Stops No. 403, 404, 405

Material: Cast brass with rubber bumper

Finishes: Available in standard architectural finishes (see page 9)

Features: Concealed mounting, concave bumper.

No.	Bumper	Fastener	Size	Projection	Weight	ANSI A156.16
403	Concave	#6 - 1½" FH SMS, plastic toggle	2⅞" dia.	1"	2 lbs./10	L02251
404	Concave	#8 x 1" RH WS, plastic anchor	2⅞" dia.	1"	2 lbs./10	L02251
405	Concave	#8 - 32 x 1" TH MS, anchor	2⅞" dia.	1"	2 lbs./10	L02251



Wrought Wall Stops No. 406

Material: Wrought brass, bronze, and stainless steel with rubber bumper

Finishes: Available in standard architectural finishes (see page 9)

Features:

- Concealed mounting, convex bumper. Back plate prevents damage to wall
- Accepted by the New York State Office of Mental Health (OMH) for use in high risk areas

No.	Bumper	Fastener	Size	Projection	Weight	ANSI A156.16
406	Convex	#8 x 1¼" TH SMS, plastic toggle	2½" dia.	1"	1¼ lbs./10	L02101



Wrought Wall Stops No. 409

Material: Wrought brass, bronze, and stainless steel with rubber bumper

Finishes: Available in standard architectural finishes (see page 9)

Features:

- Concealed mounting, concave bumper. Back plate prevents damage to wall
- Accepted by the New York State Office of Mental Health (OMH) for use in high risk area

Options: Rubber bumper available in standard gray or optional black

No.	Bumper	Fastener	Size	Projection	Weight	ANSI A156.16
409	Concave	#8 x 1¼" TH SMS, plastic toggle	2½" dia.	1"	1¼ lbs./10	L02251

ROCKWOOD®
ASSA ABLOY

ADHESIVE ASTRAGAL/MEETING STILE SEALS

- The **S771** and **S772** astragal/meeting stile seals can be installed on virtually any pair of doors where sound attenuation is required. These products seal the opening to prevent heat loss, retard the passage of smoke, and act as a weatherization product
- Excellent resistance to compression set, particularly at elevated temperatures and for extended periods of time
- Stays flexible between -58°F and 450°F with very high resistance to flex fatigue
- Maintains a low closing force
- Easy installation requires no mechanical fasteners; can be cut to size in the field

S771_
 AVAILABLE FINISHES: **BL, C, D, W**
 AVAILABLE LENGTHS: **7', 8', 9', 10'**
 ANSI: **ROE754, ROE755**

9/32" (7.1)
 7/16" (11.1)
 Adhesive Backing

S772_
 AVAILABLE FINISHES: **BL, C, D, W**
 AVAILABLE LENGTHS: **7', 8', 9', 10'**
 ANSI: **ROE754, ROE755**

3/16" (4.8)
 1/2" (12.7)
 Adhesive Backing

S771x6_
 AVAILABLE FINISHES: **BL**
 AVAILABLE LENGTHS: **7', 8', 9', 10'**
 ANSI: **ROE154, ROE155, ROE754, ROE755**

- Designed for hollow metal and wood meeting stile applications
- Seal begins compressing at 5/16"

5/16" (7.9)
 1" (25.4)
 Adhesive Backing

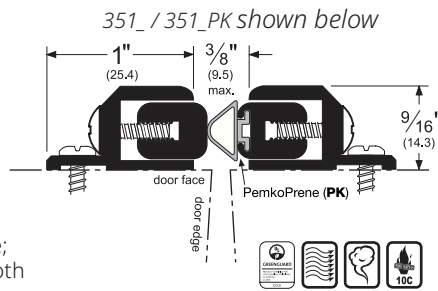
Notes For All Adhesive Gasketing:
 Storage and shelf life: All adhesive gaskets have a limited shelf life. This product must be installed within 6 months of purchase and must be stored between 50°F and 100°F. For further notes/details, please see Adhesive Gasketing section.

ADJUSTABLE ASTRAGALS

- Available in 84", 96" and 120" lengths
- When used as split astragals on double doors, two lengths must be ordered: one for each door
- If you require split astragals in a metal to gasket configuration, you must order using part number 351_/351_PK where "PK" can be any gasket designation shown in this section and "_" is your desired finish

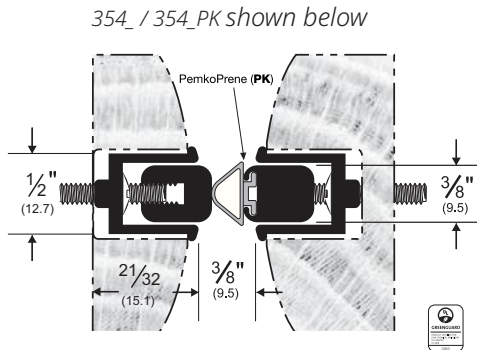
351_PK
 AVAILABLE FINISHES:
10BE, B, BSP, C, D, G, WSP
 REPLACEMENT INSERT:
PK4 (BL, GR)

- Surface applied
- For use with square-edge or bevel-edge doors
- 351_PK (et al) is one single piece; order 351_/351_PK to receive both pieces as in drawing



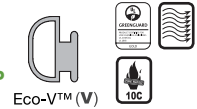
354_PK
 AVAILABLE FINISHES:
10BE, B, BSP, C, D, G, WSP
 REPLACEMENT INSERT:
PK4 (BL, GR)

- Fully mortised
- Designed for use with bullnose doors
- 354_PK (et al) is one single piece; order 354_/354_PK to receive both pieces as in drawing

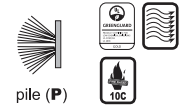


Alternate Inserts For 351

351_V
 AVAILABLE FINISHES:
10BE, B, BSP, C, D, G, WSP
 REPLACEMENT INSERT:
EV41 (BL, GR, W)

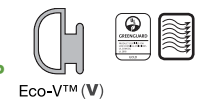


351_P
 AVAILABLE FINISHES:
10BE, B, BSP, C, D, G, WSP
 REPLACEMENT INSERT:
P2 (BL, GR)

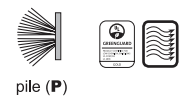


Alternate Inserts For 354

354_V
 AVAILABLE FINISHES:
10BE, B, BSP, C, D, G, WSP
 REPLACEMENT INSERT:
EV41 (BL, GR, W)



354_P
 AVAILABLE FINISHES:
10BE, B, BSP, C, D, G, WSP
 REPLACEMENT INSERT:
P2 (BL, GR)



AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE
10BE (Satin Bronze Powder Coated Aluminum) **B** (Mill Finish Extruded Bronze [Brass]) **BSP** (Black Suede Powder Coated Aluminum) **C** (Clear Anodized) **D** (Dark Bronze Anodized) **G** (Gold Anodized) **WSP** (White Suede Powder Coated Aluminum)
 Gasket colors: **BL** (Black) **C** (Clear) **D** (Dark) **GR** (Gray) **W** (White)



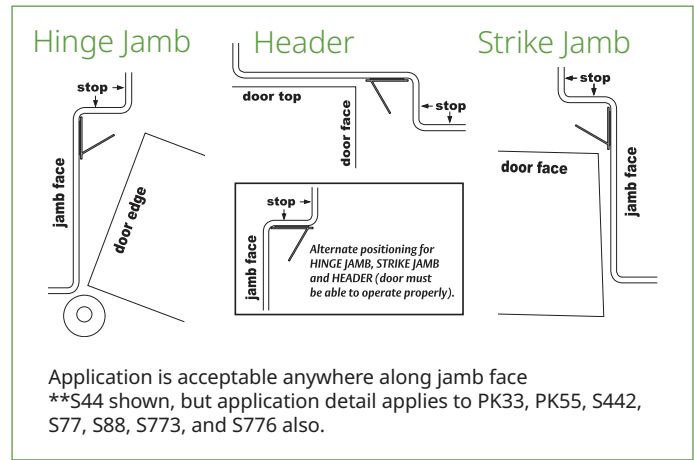
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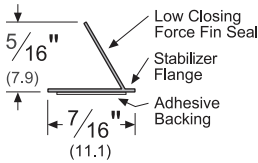
SILICONSEAL ADHESIVE-BACKED FIRE/SMOKE GASKETING

- SiliconSeal is extruded from high-temperature silicone; effective between -58°F and 450°F
- Self-extinguishing and non-toxic; unaffected by sunlight, ozone, and ultraviolet rays
- Impervious to fungus and mildew; will not deteriorate under normal exposure
- Meets FAR 25.853 Airworthiness Standards for Compartment Interiors



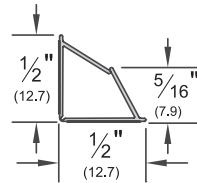
S44_
 AVAILABLE FINISHES: **BL, C, D, GR, W**
 AVAILABLE LENGTHS: **17', 18', 20', 21', 25', 30', 204', 510'**
 ANSI: **ROE154, ROE155**

- Designed for tighter frames
- Demonstrates extremely low closing force
- Seal begins compressing at $5/16"$; compresses to seal up to a $1/16"$ gap



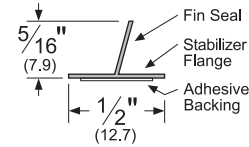
S442_
 AVAILABLE FINISHES: **BL, D, W**
 AVAILABLE LENGTHS: **17', 18', 20', 21', 25', 30', 510'**
 ANSI: **ROE154, ROE155**

- Fits flush into corner
- Seal begins compressing at $5/16"$; compresses to seal up to a $1/16"$ gap in either direction



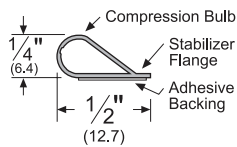
S77_
 AVAILABLE FINISHES: **BL, C, D, W**
 AVAILABLE LENGTHS: **17', 18', 20', 21', 25', 30', 204', 500'**
 ANSI: **ROE154, ROE155**

- Designed for hollow metal and wood meeting stile applications
- Seal begins compressing at $5/16"$; compresses to seal up to a $1/16"$ gap



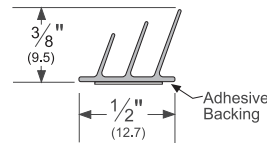
S88_
 AVAILABLE FINISHES: **BL, C, D, GR, TAN, W**
 AVAILABLE LENGTHS: **17', 18', 20', 21', 25', 30', 204', 510'**
 ANSI: **ROE154, ROE155**

- Seal begins compressing at $1/4"$; compresses to seal up to a $1/16"$ gap



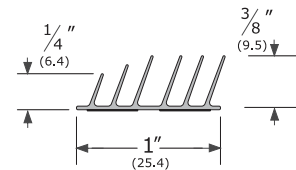
S773_
 AVAILABLE FINISHES: **BL, D, GR, W**
 AVAILABLE LENGTHS: **17', 18', 20', 21', 25', 30', 250', 500'**
 ANSI: **ROE154, ROE155**

- Triple-fin design effectively blocks light and sound from infiltrating a room
- Seal begins compressing at $3/8"$; compresses to seal up to a $3/32"$ gap



S776_
 AVAILABLE FINISHES: **BL**
 AVAILABLE LENGTHS: **17', 18', 20', 21', 25', 30'**
 ANSI: **ROE154, ROE155**

- Designed for hollow metal and wood meeting stile applications
- Seal begins compressing at $3/8"$



PEMKO
ASSA ABLOY

Experience a safer and more open world

AVAILABLE FINISHES FOR PRODUCTS SHOWN ON THIS PAGE
BL (Black) **C** (Clear) **D** (Dark Brown) **GR** (Light Gray) **TAN** (Tan) **W** (White)

800-824-3018 | www.pemko.com
 Check the web site for the up-to-date catalog

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1006 Electric Strike

Works with all cylindrical and mortise locksets with or without a deadbolt



Also available in a Complete One Box Solution

The strongest, most versatile electric strike available.

The 1006 Series Electric Strike is the strongest and most versatile electric strike available. The dual interlocking plunger design and heavy duty stainless steel construction enables it to exceed every standard developed for electric strikes. With multiple faceplate options, the 1006 will fully accommodate every lock designed to work within an ANSI 4-7/8" strike plate. Tested to exceed 3,000 lbs of static strength, 350 ft-lbs of dynamic strength and factory tested to exceed 1 million cycles of operation, the 1006 is in a class of its own.

Features

Standard Features

- Stainless steel construction
- Tamper resistant
- Static strength 2,500 lbs
- Dynamic strength 350 ft-lbs (fail secure)
- Endurance 1 million cycles
- Fail secure (standard)
- Non-handed
- Accommodates up to 1" [25.4mm] deadbolt
- Plug-in connector
- Full keeper shims for horizontal adjustment
- Trim enhancer
- Strike body depth 1-11/16" [43mm]
- SecuriCare five-year, no-fault, no questions asked warranty (Addition of SMART Pac® III extends the warranty to 10 years)

Optional Features

- LBM Latchbolt monitor
- LBSM Latchbolt strike monitor
- Fail safe
- Interchangeable faceplates
- Monitor switch may not work with all faceplate options

Accessories

- HESCUT-MTK Metal template kit
- 2005M3 SMART Pac® III
- 1000-102 Rain guard
- 1006-103 Full keeper shims
- 1000-104 Lip extension trim adapter
- 1006-105 Trim enhancer BLK (goof plate)
- 1006-109 Trim adapter
- 1000-110 Replacement strike plate
- 1000-130 KD filler plate
- 150 Strike latch guard



Grade 1



SecuriCare Warranty



Mortise Locks with Deadbolt



Mortise Locks without Deadbolt



Cylindrical Locksets



Specialty Locksets



Dual Voltage 12/24



Fire Rated



Windstorm Resistant



Outdoor Rated



Burglary Rated



Specifications

Certifications

- ANSI/BHMA A156.31, Grade 1
- UL 1034 burglary-resistant listed and suitable for outdoor use
- UL 294 listed
- RoHS compliant
- UL 10C fire rated, 3-hour single door (fail secure only)
- UL 10C fire rated, 1-1/2 hour double door (fail secure only)
- CAN/ULC-S104 fire door conformant
- NFPA-252 fire door compliant
- ASTM-E152 fire door compliant
- ANSI/SDI A250.13 windstorm resistant
- Florida Building Code approved TAS 201, 202, 203
- ANSI-ASTM E330
- Sustainability documentation

Frame Application

- Metal
- Wood

Electrical (DC Continuous Duty)

- Dual Voltage 12/24 VDC
- 450 mA at 12 VDC / 250 mA at 24 VDC

NOTE: DC must be well filtered with ripple less than 1 volt 12 ms.

Dimensions

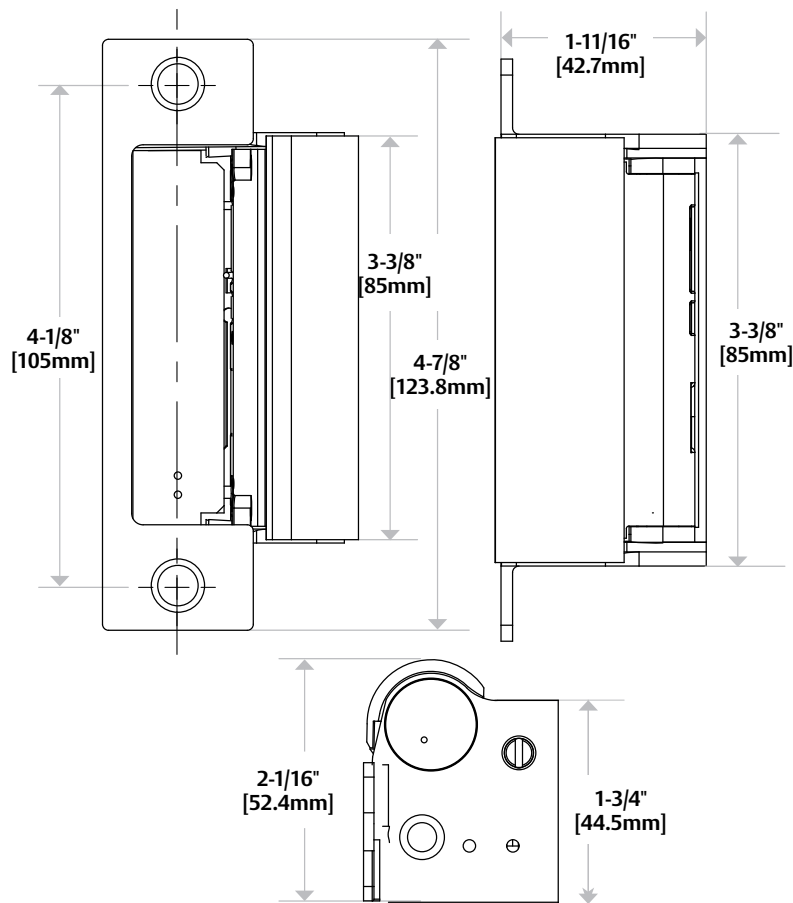


Diagram shown with DB faceplate

How to Order

SERIES	MODEL	FAIL SECURE / SAFE	FINISH*	OPTION (S)
1006	—	- F	- 630	- LBM
1006 Universal Electric Strike	(blank) Electric strike body only, faceplates ordered separately	(blank) Fail Secure (standard)	605 Bright Brass	(blank) No Monitor
	CS* Complete Electric Strike; includes the SMART Pac III and J, KD, KM, HM, ND faceplates and brackets	F Fail Safe	606 Satin Brass	LBM Latchbolt Monitor**
	CLB* Complete Electric Strike for latchbolt locks; includes J, K, KD and KM faceplates		612 Satin Bronze	LBSM Latchbolt Strike Monitor**
	CDB* Complete Electric Strike for Deadbolt Locks; includes the ND and HM faceplates		613 Bronze Toned	
	CAS* Complete Electric Strike for Deadbolt Locks; includes the N, ND and NM faceplates		629 Bright Stainless Steel	
			630 Satin Stainless Steel	
			BLK Black	

*Complete Pacs are only available in the 630 finish. **Not available with CS, CDB, or CAS

NOTE: Electric strike compatibility is determined at time of electric strike product release. ASSA ABLOY is not responsible for incompatibility of products that have changed in design or craftsmanship by their respective manufacturers. When compatibility is a concern, contact Customer Support for application assistance.

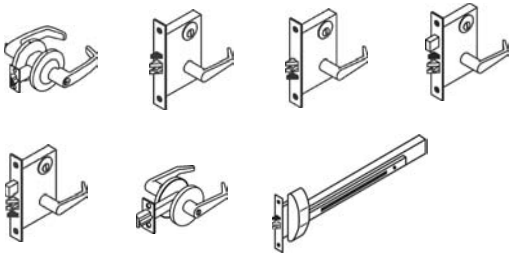
1006CS Smart Strike™

The Complete One Box Solution for all cylindrical and mortise locksets, with or without a 1" deadbolt

The 1006CS Smart Strike includes a 1006 electric strike body and SMART Pac® III plus faceplates and brackets that can provide the same function as any of the following options:

J Option	H Option	HTD Option
K Option	HD Option	N Option
KD Option	HM Option	ND Option
KM Option	HT Option	NM Option

Compatible Locksets



1006CLB Complete for Latchbolt Locks

The Complete One Box Solution for all cylindrical and mortise locksets

The 1006CLB includes the 1006 electric strike body plus faceplates and brackets that provide the same function as any of the following options:

J Option	KD Option
K Option	KM Option

Compatible Locksets



1006CAS Complete for Recapture

The Complete One Box Solution for deadbolt recapture

The 1006CAS Smart Strike includes a 1006 electric strike body plus faceplates and brackets that can provide the same function as any of the following options:

A Option	N Option	T Option
AD Option	ND Option	TD Option
AM Option	NM Option	

Compatible Locksets



1006CDB Complete for Deadbolt Locks

The Complete One Box Solution for all locksets with a 1" deadbolt

The 1006CDB includes the 1006 electric strike body plus faceplates and brackets that provide the same function as any of the following options:

H Option	HT Option	ND Option
HD Option	HTD Option	NM Option
HM Option	N Option	

Compatible Locksets

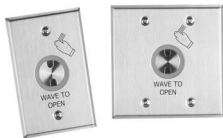


WAVE-TO-OPEN SWITCHES

Available With	673, 674, 700, 704, 767, 768
6300 Series	✓
6200 Series	✓
6000 Series	✓
5800 Series	✓
5700 Series	✓
5500 Series	✓
5200 Series	✓

Standard with	767*
4540xSQPB	✓

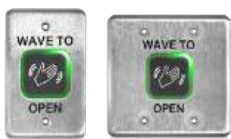
*Two are shipped with operator

WAVE-TO-OPEN WALL SWITCHES

700

- Infrared technology
- Single and double gang faceplates packaged together
- Sensor requires movement for activation
- Variable relay – hold time from 0 – 35 seconds
- Range 0" to 4"
- Dimensions:
3" W x 4-3/4" H (single);
4-1/2" W x 4-1/2" H (double)


704

- Infrared technology
- Narrow gang
- Sensor requires movement for activation
- Variable relay - hold time from 0-35 seconds
- Range 0" to 4"
- Durable stainless steel body holds up in moist environments


673
674

- Microwave technology
- Stainless steel
- Adjustable sensing zone from 4"-24"
- Adjustable hold time (1/2 to 30 seconds)
- 673: Single gang
- 674: Double gang


767
768

- Battery operated
- Infrared sensors
- 767: Single gang
- 768: Double gang
- Stainless steel with vandal resistant face plate
- Sensor detection range up to 4"
- Field-configurable bi-color (red/green) LED status indicators
- Selectable time delay 1 to 10 seconds


685

686

- Surface mounting boxes:
– 685: Single
– 686: Double

NOTES:

- Metal enclosures can reduce signal strength and cause an intermittent or reduced signal reception when using a radio frequency transmitter. To ensure proper function, do not use metal conduit housing.
- Bright light like direct sunlight can interfere with the wave-to-open signal.

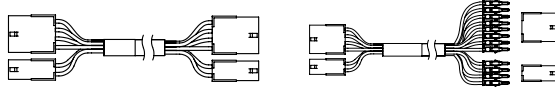
ElectroLynx® Retrofit Cables

If you are not ordering ASSA ABLOY Door Group doors with the ElectroLynx® cable pre-installed in the door, you must order an ElectroLynx® retrofit cable to go between ANY hardware and the hinge. This includes 3" cables to go from the hinge to an exit device and up to a 15' cable to go up and around a full lite metal door.



QC-C1500P Shown

Standard ElectroLynx® Retrofit Cable Sizes



Actual Cable Length	12 Conductor and Molex both ends	12 Conductor and Molex one end, pinned one end	Typical Application
3"	QC-C003	QC-C003P	
6"	QC-C006	QC-C006P	Between hinge and the end of an exit device.
12"	QC-C012	QC-C012P	
26"	QC-C200	QC-C200P	
32"	QC-C206	QC-C206P	
38"	QC-C300	QC-C300P	Between hinge and through the door to the lockset or exit device trim.
44"	QC-C306	QC-C306P	
50"	QC-C400	QC-C400P	
15' 2"	QC-C1500	QC-C1500P	From the hinge location, up the jamb to above the ceiling, or up and around full lite or half lite metal door.
25'	-	QC-C2500P	
30'	-	QC-C3000P	

Custom lengths available.



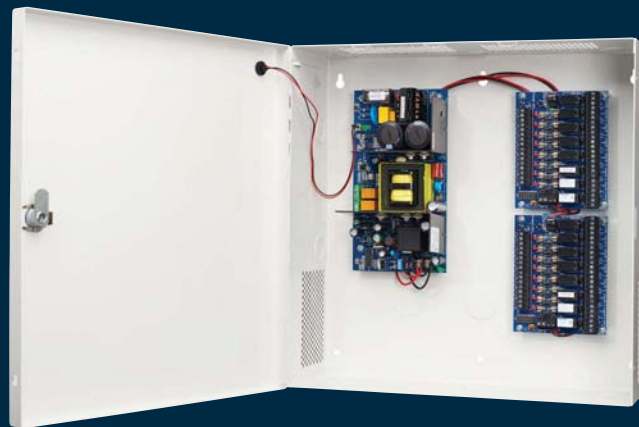
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AQD & AQS Series

Dual & single voltage switching power supplies



A full line of highly efficient power supplies that protect devices from over voltage.

AQD Series dual voltage and AQS Series single voltage switching power supplies are both supervised units with a battery charger designed to power magnetic locks, electric strikes, card readers, sensors, access control boards and other devices in access control systems. The AQD and AQS Series can also be used to power DC cameras and other DC locking equipment. These units provide field selectable 12 or 24 VDC with up to 16 independently controlled power limited outputs.

Features

Standard Features

- AQD Series is dual voltage 12 or 24 VDC field selectable continuous output
- AQS Series is single fixed voltage 12 or 24 VDC continuous output
- Tolerates brownout or overvoltage input $\pm 15\%$ of nominal voltage
- Thermal shutdown protection with auto restart
- Circuit breaker protects against overcurrent and reverse battery faults (*batteries sold separately*)
- Dedicated battery charging circuit prevents over voltage on locking devices (*except for AQD1*)
- Expandable up to 16 outputs in the standard enclosure
- Outputs are Class 2 limited when used with PTC Polyswitch output distribution boards
- Available with a single relay fire trigger or individually fire trigger relayed outputs
- Low noise design provides better than linear performance
- Mix and match configuration allows for UL compliance even when used in other UL Listed enclosures
- MagnaCare® lifetime replacement, no-fault, no questions asked warranty

Dimensions

- Enclosure: 14" x 14" x 4-3/4" [356mm L x 356mm W x 121mm D]

Specifications

Certifications

- UL 294 Listed
- UL 603 Listed
- ULC-S318 Listed
- ULC-S533 Listed
- RoHS Compliant
- REACH Compliant

Electrical AQD Series

- AQD Series 12 VDC or 24 VDC field selectable output
- 115 or 230 VAC input*
- Supports up to two (2) sealed gel, AGM or wet lead acid batteries
- Up to 90% efficiency
- Low voltage ripple design as low as 240 mV p-p

Electrical AQS Series

- AQS Series 12 VDC or 24 VDC fixed output
- 115 or 230 VAC input
- Supports up to two (2) sealed gel, AGM or wet lead acid batteries

Environmental

- Operating Temperature: -4° to 122° F [-20° to 50° C]

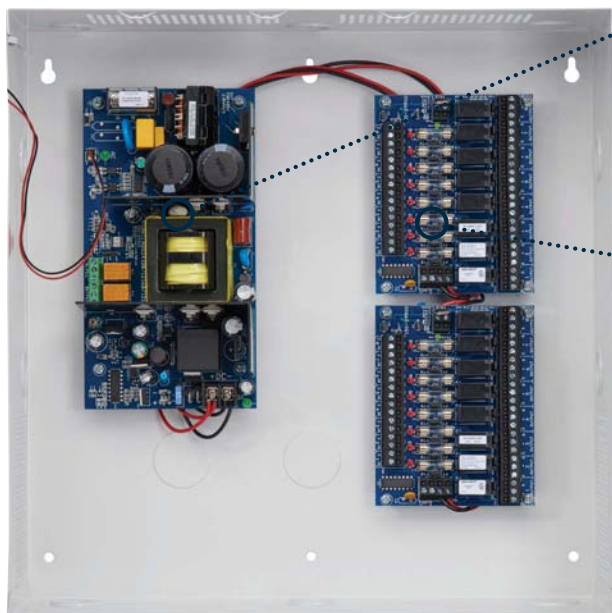
Shipping Weight

- 12.7 lbs [5.76 kg]

*AQD1 available in 115 VAC only



Step by Step Configuration



* NOTE: Fuse type and size must be the same for both distribution boards for standard ordering. For custom configurations, please contact the factory at 800.626.7590.

1 Select One Power Supply with Enclosure

- AQD1
- AQD2
- AQD4
- AQD6
- AQS1210
- AQS2410
- AQS1216

2 Select Up to Two Power Distribution Boards*

- PDB-1R
- PDB-4C
- PDB-4F
- PDB-8C
- PDB-8F
- PDB-8C1R
- PDB-8F1R
- PDB-8C8R
- PDB-8F8R

3 Add Distribution Board Part Numbers

8F1R2 + 8F8R2 = 16F9R2
 *Include fuse size on end:
 2 A Fuse = 16F9R2

4 Combine to Generate Final Part Number

Example: AQD6-16F9R2
 AQD6 + 8F8R2 + 8F1R2 = **AQD6-16F9R2**

Models

MODEL	AMPERAGE	RATED VOLTAGE	INPUT VOLTAGE	TYPICAL VOLTAGE	CLASS 2 OUTPUTS	REPLACES
AQD1	1	12 or 24 VDC	115	13.7 / 27.4	Yes	AQD3
AQD2	2	12 or 24 VDC	115/230	12.5 / 25.0	Yes	AQD3
AQD4	4	12 or 24 VDC	115/230	12.5 / 25.0	Yes	AQD5
AQD6	6	12 or 24 VDC	115/230	12.5 / 25.0	Available*	AQD6
AQS1210	10	12	115/230	12.5 / 25.0	Available*	AQU128
AQS2410	10	24	115/230	12.5 / 25.0	Available*	AQM20
AQS1216	16	12	115/230	12.5 / 25.0	Available*	AQM20

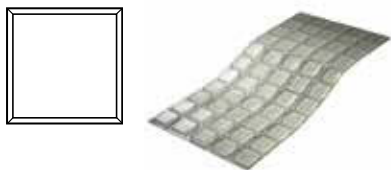
* Outputs are class 2 limited when used with 4 or 8 output PTC distribution boards

How to Order

MODEL SERIES	OUTPUT TYPE	VOLTAGE	OUTPUT POWER	ENCLOSURE STYLE	NUMBER OF OUTPUTS	FUSE TYPE	NUMBER OF RELAYS	RELAYS	FUSE SIZE
AQ	D	(blank)	6	-	8	F	8	R	2
AQ	D Dual Voltage*	(blank) Dual Voltage*	1*	- In Enclosure	(blank) One Output, No Distribution Board				
	S Single Voltage**	12 12 VDC**	2* 4* 6* 10** 16**	B Circuit Board Only	4 8 12 16	F Glass Fuses † C PTC Polyswitch †	1 2 8 9 16	R Relays	1 1 Amp 2 2 Amp

* Dual Voltage Option Only. ** Single Voltage Option Only.

† Fuse type and size must be the same for both distribution boards for standard ordering. For custom configurations, please contact the factory at 800 626 7590.



Wall Guard No. 606-RKW

- Material:** Clear rubber
Other: Sold in sheets of 55
Features: Self-adhesive mounting

No.	Fastener	Size	Weight
606-RKW	Self-adhesive back	1" x 1"	0.4 lbs./55



Privacy Door Latch No. PDLAA

- Material:** Zinc die cast
Finishes: US26D, US26, US15, BSP, US3, US4, 10BE
Features:
- ADA compliant
 - Enhanced in room privacy
 - Easy to install
 - For use with UL Classified fire doors for use with hollow metal steel composite type fire doors rated up to and including 3 hrs Wood composite type fire doors rated up to and including 1 1/2 hrs and 20 minutes without hose stream

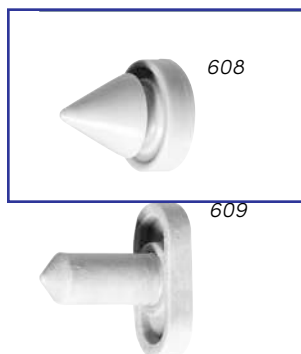
No.	Fastener	Size	Weight
PDLAA	#12 x 1-1/4" FH SMS	1 1/2" x 2 3/16"	0.8 oz.



Door Silencer No. 608CA

- Material:** Clear rubber
Other: Sold in packages of 300
Features: Self-adhesive mounting

No.	Fastener	Size	Weight
608CA	3/8" dia. x 1/8"	Metal or wood	0.2 lbs./300



Door Silencers No. 608-RKW, 609

- Material:** Gray rubber
Other: Sold in packages of 100

No.	Size	Frame Type	Weight	ANSI A156.16
608-RKW	1/2" dia. x 5/8"	Metal	1.3 lbs./500	L03011
609	3/8" x 3/4"	Wood	1.3 lbs./500	L03021

ROCKWOOD®
ASSA ABLOY

Set: 2.0

Doors: 250

Description: DBL EGRESS RATED SVR EO

2	Continuous Hinge	HG305	630	MR
2	Fire Rated Surf Vert Rod, Exit Only	ED5470B EO	630	RU
2	Surface Closer	DC6200 A3/A10	689	RU
2	Armor Plate	K1050 36" 4BE CSKCSK	US32D	RO
2	Astragal	S771D		PE
1	Gasketing Pair	S88BL		PE

Set: 3.0

Doors: 230b, 230c

Description: DBL EGRESS SVR EO

2	Continuous Hinge	HG305	630	MR
2	Surface Vert Rod Exit, Exit Only	ED5470 EO	630	RU
2	Surface Closer	DC6200 A3/A10	689	RU
2	Armor Plate	K1050 36" 4BE CSKCSK	US32D	RO
2	Door Stop	406 / 441CU as required	US26D	RO
2	Astragal	S771D		PE
1	Gasketing Pair	S88BL		PE

Set: 4.0

Doors: 210, 230a

Description: DBL EGRESS - EO/EO RATED - AUTO OPERATOR - MAG LOCK (1) ACCESS CONTROL

2	Continuous Hinge	HG305 EL12	630	MR
1	Magnetic Lock	M680BD		SU ⚡
2	Fire Rated Surf Vert Rod, Exit Only	ED5470B EO M92 MELR	630	RU ⚡
2	Pair Door Operators	SW200i (surface pair)	689	BM ⚡
2	Kick Plate	K1050 10" CSK BEV	US32D	RO
2	Door Stop	406 / 441CU as required	US26D	RO
2	ElectroLynx Harness	QC-C1500P		MK ⚡
2	Door Wire Harness	QC-C*** (length / type as required)		MK ⚡
2	Position Switch	DPS-M/W-BK (as req'd per app)		SU ⚡
1	Touchless Wall Switch	700		NO ⚡
1	Power Supply	AQD SERIES		SU ⚡
1	Card Reader	By Security Contractor		OT
2	Astragal	S771D		PE
1	Gasketing Pair	S88BL		PE

Notes: Operation: Doors normally closed and locked with electromagnetic locks. Valid card at the card reader on the nonsecure side of the opening releases the electromagnetic locks, retracts the latches and cycles the automatic operators. Actuator on the secure side of the opening releases the electromagnetic lock, retracts the latches and cycles the automatic operators. Free egress at all times from secure side by panic push pad. Must be tied to an approved fire alarm system. Activation of the fire alarm or signal from fire command shunts power to the electromagnetic locks for immediate egress. Door status monitored.

Set: 4.1

Doors: 252

Description: DBL EGRESS - EO/EO RATED - AUTO OPERATOR - MAG LOCK (1) ACCESS CONTROL - EXISTING FRAME

2	Continuous Hinge	HG305 EL12	630	MR	
1	Magnetic Lock	M680BD		SU	⚡
2	Fire Rated Surf Vert Rod, Exit Only	ED5470B EO M92 MELR	630	RU	⚡
2	Pair Door Operators	SW200i (surface pair)	689	BM	⚡
2	Kick Plate	K1050 10" CSK BEV	US32D	RO	
2	Door Stop	406 / 441CU as required	US26D	RO	
2	ElectroLynx Harness	QC-C1500P		MK	⚡
2	Door Wire Harness	QC-C*** (length / type as required)		MK	⚡
2	Position Switch	DPS-M/W-BK (as req'd per app)		SU	⚡
1	Touchless Wall Switch	700		NO	⚡
1	Power Supply	AQD SERIES		SU	⚡
1	Card Reader	Reuse Existing.			

Notes: New door in existing hollow metal frame. Operation: Doors normally closed and locked with electromagnetic locks. Valid card at the card reader on the nonsecure side of the opening releases the electromagnetic locks, retracts the latches and cycles the automatic operators. Actuator on the secure side of the opening releases the electromagnetic lock, retracts the latches and cycles the automatic operators. Free egress at all times from secure side by panic push pad. Must be tied to an approved fire alarm system. Activation of the fire alarm or signal from fire command shunts power to the electromagnetic locks for immediate egress. Door status monitored.

Set: 5.0

Doors: 215

Description: INT EXIT - RATED ACCESS CONTROL - FAIL SECURE TRIM

1	Continuous Hinge	HG305 EL12	630	MR	
1	Electrified Rim Exit, Fail Secure	ED5200A L9905ET CT*D	630	RU	⚡
1	Perm Core	LFIC - Match Existing		RU	
1	Surface Closer	DC6200 A4	689	RU	
1	Kick Plate	K1050 10" CSK BEV	US32D	RO	
1	Gasketing Sgl	S88BL		PE	
1	ElectroLynx Harness	QC-C***P		MK	⚡
1	ElectroLynx Harness	QC-C1500P		MK	⚡
1	Card Reader	By Security Provider		OT	⚡
1	Position Switch	DPS-M-BK/GR		SU	⚡
1	Power Supply	AQD SERIES		SU	⚡

Notes: Doors are normally closed and secure. Presentation of valid credential will allow entry by trim. Upon loss of power, doors will remain secure. Free egress at all times. Coordinate voltage, operation and electrical characteristics with all related trades. Card Reader, wiring and connections by security provider.

Set: 6.0

Doors: 231, 238b

Description: ACCESS CONTROL - ES - STOREROOM

3	Hinge, Full Mortise	TA2714	US26D	MK	
1	Storeroom Lock	ML2057 LWA CT*D	626	RU	
1	Perm Core	LFIC - Match Existing		RU	
1	Electric Strike	1006 SERIES	630	HS	⚡
1	Surface Closer	DC6200 A3/A10	689	RU	
1	Kick Plate	K1050 10" CSK BEV	US32D	RO	
1	W/F Stop	406	US26D	RO	
1	Gasketing Sgl	S88BL		PE	