

## ELECTRIFIED DOOR HARDWARE

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## (o) about command access



INNOVATIUE
SOLUTIONS

## INNOVATIVE SOLUTIONS

We are committed to finding better, more cost effective ways to furnish the electrified opening. Our commitment to our in-house engineering department supports our goal to provide our customers with the right solution at the right price and the right time. We appreciate all ideas and suggestions from our customer base.


## BUILT IN USA

Our commitment to American made products started from our humble beginnings with one milling machine and drill press. Moving forward our American owned/operated factory has continued investing in sophisticated US made multi-axis machine centers, allowing us to produce cost effective products right here in the USA.

LIMITED WARRANTY: Command Access Technologies warrants that its products are free from defects in workmanship and material under normal use and service. Since CAT does not control product usage, CAT makes no representation as to the degree of security conveyed by the use of any product. This warranty does not cover defects or damage which occur from improper maintenance, improper storage, improper installation, shipping and handling, ordinary wear and tear, misuse, abuse, accidents, unauthorized service, work done by others or consequential damages. CAT will not pay for the cost of repair performed other than in accordance with this warranty. CAT can only perform authorized warranty work at the factory. CAT's only liability, in tort or contract, whether under this warranty or otherwise, is limited to providing repair or replacement of any product or component part which is proven to be defective as covered by the warranty, within three (3) years after delivery from CAT to the original purchaser. Written notice of a product or component part believed to be defective, as covered by this warranty, should be sent to Command Access Technologies 22901 La Palma Avenue, Yorba Linda, CA 92887. Include Claimant's name, address, phone, and identification of the product, invoice number and date, and a brief description of the defect. Upon receipt of such notice, a CAT representative will contact claimants to where to ship such product or component part, with shipping charges prepaid, for examination and, in the event such examination reveals a defect covered by this warranty, the product will be repaired (existing product installed 6+ months) or replaced (all new installations of 6 months or less). This warranty is in lieu of all other express warranties. To the extent permitted by law, all implied warranties are limited to the duration or this warranty. CAT shall not be liable for any incident or consequential damages. Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above may not apply to you. This warranty gives you specific legal rights, and you may have other rights, which vary, from state to state.

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- WE ANSWER THE PHONE WITH A LIVE VOICE, MONDAY THRU FRIDAY 7:30AM - 4:30PM PST
- OUR CUSTOMER SERVICE DEPARTMENT STRIVES TO DELIVER EXCELLENT CUSTOMER SATISFACTION
- OUR LIVE CHAT IS OPERATED BY OUR CUSTOMER SERVICE TEAM MAKING IT EASY TO GET A HOLD OF US, ESPECIALLY IF YOU LIKE TO MULTI-TASK
- WE STRIVE TO ACKNOWLEDGE YOUR ORDER WITHIN 24 HOURS
- OUR LEAD TIMES ARE 5-10 DAYS FOR CATALOGED ITEMS. IF WE CAN SHIP SOONER, WE WILL SURE TRY!
- IF WE MAKE A MISTAKE, WE ARE COMMITTED TO MAKING IT RIGHT
- OUR WEBSITE IS USER FRIENDLY AND EXPANDING DAILY WITH INFORMATION \& DEMONSTRATION VIDEOS
- WE HAVE COMPETENT, REACHABLE TECHNICAL SUPPORT EVERYDAY DURING BUSINESS HOURS
- ANYONE WHO NEEDS OUR SUPPORT GETS IT
- WE ARE WILLING TO TRAIN ON AT THE FACTORY, AT YOUR CUSTOMERS OR VIA WEBINAR
- WE TAKE GOOD MECHANICAL PRODUCTS \& TURN THEM INTO BETTER ELECTROMECHANICAL PRODUCTS
- WE WILL SHIP REPLACEMENT PRODUCTS AS SOON AS POSSIBLE, USUALLY WITHIN THE NEXT BUSINESS DAY
- ALL OF OUR DOCUMENTS, INCLUDING ACKNOWLEDGMENTS, INVOICES, STATEMENTS, AND RMA'S WILL BE EMAILED



## © <br> ELEGTRIFIED MORTISE LOCKS



## FEATURES

- EASY INSTALLATIONS - RELIABLE PERFORMANCE
- GRADE 1, ANSI RATED, 3 YEAR WARRANTY ON ALL ELECTRICAL \& MECHANICAL PARTS
- UL, CSA, CSFM LISTED
- QUICK TO SHIP \&A FAIR PRICE
- BULLT IN THE USA - DURABLE \& DEPENDABLE
- ALLOWS FOR REMOTE KEYLESS ACCESS \& EGRESS CONTROL
- MULTIPLL FUNCTIONS AND VOLTAGES TO MEET YOUR REQUIREMENTS
- COMMON APPLICATIONS INCLUDE STAIRWELL DOORS, LOBBY ENTRANCES, COMPUTER ROOMS, CLASSROOMS, INTERIOR \& EXTERIOR DOORS IN SCHOOLS, HOSPITALS, OFFICES AND PUBLIC BUILDINGS
- MORTISE LOCKS CAN BE ORDERED COMPLETE, CHASSIS ONLY, OR MODIFICATION ONLY.


## FUNCTIONS

Storeroom - Latchbolt retracted by key outside or lever inside. Fail Secure - Applied power allows outside lever to retract latchbolt (EU) or Fail Safe - prevents latchbolt from retracting (EL). Inside lever is always free for immediate egress.

Classroom - Latchbolt retracted by key outside or lever inside. Fail Secure -Applied power allows outside lever to retract latchbolt (EU) or Fail Safe - prevents latchbolt from retracting (EL). . Outside lever can be maintained unlocked by key. Inside lever is always free for immediate egress.

Institutional - Latchbolt retracted by key on either side.
Fail Secure - Applied power allows outside lever to retract latchbolt (EU) or Fail Safe - prevents latchbolt from retracting (EL).

Entry w/deadbolt - Latchbolt and deadbolt retracted by key outside or lever inside. Fail Secure - Applied power allows outside lever to retract latchbolt and deadbolt (EU) or Fail Safe -prevents latchbolt and deadbolt from retracting (EL). Inside lever is always free for immediate egress.

Privacy w/deadbolt - Latchbolt and deadbolt retracted by key outside or lever inside. Fail Secure - Applied power allows outside lever to retract latchbolt (EU), unless deadbolt is thrown. Inside lever is always free for immediate egress. Available in EU (electronically unlocked) function only.

## HOW TO ORDER

FOR MODIFICATION, CHASSIS ONLY AND COMPLETE LOCKS


FOR AND COMPLETE LOCKS ONLY


FINISH (BHMA std)
613 - Oil Rubbed Bronze 626 - Satin Chrome 625 - Polished Chrome

SPECIAL ORDER
605 - Polished Bronze 612 - Satin Bronze
606 - Satin Brass
630 - Satin Stainless

## KEYWAY

S - "C" Kwy Standard SFIC - Small Format I/C Prep LC - Less Cylinder LFIC - Factory Large Format I/C Prep

## ACCESSORIES

Faceplates - Storeroom function in specified finishes
Strikes - 4-7/8" ASA Strike in specified finishes
CRU2 - Current Reduction Unit (AC \& DC input)
4 Lead-4' Wire Lead to switches
10 Lead - 10' Wire lead to switches
QC - Molex Connectors
BR1 - Bridge Rectifier w/ 12" lead (included)
BR5 - Bridge Rectifier w/ 5' lead

## EXAMPLES

MODIFICATION ONLY

|  | PREFIX | MODEL | FUNCTION | SUFFIX | VOLTAGE | FINISH | KEYWAY | OPTIONS | ACC |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Part \# | MD | ML80 | EL | - | 12 | - | - | REX | CRU2 |
| List \$ | - | $\$ 144$ | - | - | - | - | - | COMPLETE PART \# |  |


| CHASSIS ONLY |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | PREFIX | MODEL | FUNCTION | SUFFIX | VOLTAGE | FINISH | KEYWAY | OPTIONS | ACC | COMPLETE PART \# |
| Part \# | - | ML19092 | EU | CH | - | - | - | REX LBM | - | ML19092 EU CH REX LBM |
| List \$ | - | \$348 | - | - | - | - | - | \$130 |  | \$478 |
| COMPLETE LOCK |  |  |  |  |  |  |  |  |  |  |
|  | PREFIX | MODEL | FUNCTION | SUFFIX | VOLTAGE | FINISH | KEYWAY | OPTIONS | ACC | COMPLETE PART \# |
| Part \# | - | ML1485 | EU | L3B | 12 | 626 | S | REX | QC | ML1485 EU L3B 24V 626 S REX QC |
| List \$ | - | \$605 | - | +\$18 | - | - | - | \$65 | \$32 | \$720 |

QUICK REFERENCE

| ML LOCK | PAGE | ML LOCK | PAGE | ML LOCK | PAGE |
| :--- | :---: | :---: | :---: | :--- | :---: |
| COMMAND ML1 | 6 | ACCURATE-BEST 35 | 11 | ACCESSORIES | 13 |
| COMMAND MRC1 | 6 | BEST 45 -CORBIN | 11 |  |  |
| COMMAND LPM1 | 7 | FALCON -YALE | 12 |  |  |

## （Q）ELECTRIFIED MORTISE LOcks

## COMMAND ACCESS ML1 SERIES


－COMPATIBLE WITH SCHLAGE L9O00 SERIES－DIRECT CHASSIS REPLACEMENT
－FEATURES \＆PERFORMANCE FOUND IN DOMESTICALLY MADE ANSI GRADE 1 MORTISE LOCKS AT A SIGNIFICANTLY LOWER COST
－FIELD INSTALLABLE REX KIT AVAILABLE
－ADDITIONAL OPTIONS INSTALLED AT FACTORY：REX，DPS，LBM，REXBPS（PG 12］
－FIELD REVERSIBLE HANDING WITHOUT OPENING LOCK CASE
－HICHEST QUALITY MANUFACTURING BUILT TO LAST IN YORBA LINDA，CA
－MOTORIZED OPTION AVAILABLE 11－30V，FIELD SELECTABLE EU／EL

＊B Rose available upcharge list $\$ 18{ }^{* *}$ Upcharge $\$ 55$ for Escutcheon－Please call to confirm stock
Solenoid Locks COMMAND ACCESS COMPLETE LOCK RETROFIT SCHLAGE L9000

|  |  | Specify Voltage．Field Hand－able．Fail Secure／Fail Safe．LFIC＝Schlage compatible housing |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | DBM |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\checkmark$ or \＄＝Available |  | $\begin{aligned} & 0 \\ & 0 \\ & 0 \end{aligned}$ | In－stock Trim |  |  |  |  | In－stock Finishes |  |  |  | Keyway |  | Optional Switches |  |  |  |  |
| PART \＃ |  | $\begin{aligned} & \text { ⿹勹⿰丿丿心夊} \\ & \text { 号 } \\ & \text { 告 } \end{aligned}$ | $4$ | $4$ | 4 | $4$ |  | 626 | 625 | 613 | LC | SC | SFIC | LFIC | REX | LBM | DPS |  |
| ML170EU／EL | \＄541 | \＄329 | L3 | L6 | L7 | L17 | ＋55 | $\checkmark$ | $\checkmark$ | $\checkmark$ | － | $\checkmark$ | ＋\＄66 | ＋\＄28 | ＋\＄65 | ＋\＄65 | － | － |
| ML180EU／EL | \＄515 | \＄303 | L3 | L6 | L7 | L17 | ＋55 | $\checkmark$ | $\checkmark$ | $\checkmark$ | － | $\checkmark$ | ＋\＄66 | ＋\＄28 | ＋\＄65 | ＋\＄65 | ＋\＄65 | － |
| ML182EU／EL | \＄556 | \＄325 | L3 | L6 | L7 | L17 | － | $\checkmark$ | $\checkmark$ | $V$ | － | $\checkmark$ | ＋\＄132 | ＋\＄56 | ＋\＄65 | ＋\＄65 | ＋\＄65 | － |
| ML1480EU／EL | \＄556 | \＄344 | L3 | L6 | L7 | L17 | － | $\checkmark$ | $\checkmark$ | $\checkmark$ | － | $\checkmark$ | ＋\＄66 | ＋\＄28 | ＋\＄65 | ＋\＄65 | － | ＋\＄65 |
| ML1482EU／EL | \＄596 | \＄365 | L3 | L6 | L7 | L17 | － | $\checkmark$ | $\checkmark$ | $\checkmark$ | － | $\checkmark$ | ＋\＄132 | ＋\＄56 | ＋\＄65 | ＋\＄65 | － | ＋\＄65 |
| ML1485EU | \＄605 | \＄393 | L3 | L6 | L7 | L17 | － | $\checkmark$ | $\checkmark$ | $\checkmark$ | － | $\checkmark$ | ＋\＄66 | ＋\＄28 | ＋\＄65 | ＋\＄65 | － | ＋\＄65 |

＊B Rose available upcharge list \＄18＊＊Upcharge \＄55 for Escutcheon－Please call to confirm stock
Motorized Locks command access complete lock retrofit schlage l9000


| $\sqrt{ } \text { or } \$=\text { Available }$ | $\sum_{0}^{0} 0$ | 둘 |  |  |  | ag | - |  |  |  |  | SC | SFIC | LFIC | REX | LBM | DPS | DBM |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| = = Not Available <br> PART \# |  |  |  |  |  |  |  | 626 | 625 | 613 | L |  |  |  |  |  |  |  |
| ML1010 | \$361 | \$175 | L3 | L6 | L7 | L17 | +55 | $\checkmark$ | $\checkmark$ | $\checkmark$ | - | $\checkmark$ | +\$66 | +\$28 | +\$65 | +\$65 | +\$65 | - |
| ML1040 | \$382 | \$181 | L3 | L6 | L7 | L17 | +55 | $\checkmark$ | $\checkmark$ | $\checkmark$ | - | $\checkmark$ | +\$66 | +\$28 | +\$65 | +\$65 | - |  |
| ML1053 | \$399 | \$198 | L3 | L6 | L7 | L17 | - | $\checkmark$ | $\checkmark$ | $\checkmark$ | - | $\checkmark$ | +\$66 | +\$28 | +\$65 | +\$65 | - | +\$65 |
| ML1050/70 | \$388 | \$187 | L3 | L6 | L7 | L17 | +55 | $\checkmark$ | $\checkmark$ | $\checkmark$ | - | $\checkmark$ | +\$66 | +\$28 | +\$65 | +\$65 | +\$65 | - |
| ML1080 | \$388 | \$187 | L3 | L6 | L7 | L17 | +55 | $\checkmark$ | $\checkmark$ | $\checkmark$ | - | $\checkmark$ | +\$66 | +\$28 | +\$65 | +\$65 | +\$65 | - |
| ML1082 | \$429 | \$209 | L3 | L6 | L7 | L17 | - | $\checkmark$ | $\checkmark$ | $\checkmark$ | - | $\checkmark$ | +\$132 | +\$56 | +\$65 | +\$65 | +\$65 | - |

* B Rose available up charge list \$18 **Upcharge \$55 for Escutcheon - Please call to confirm stock


## COMMAND ACCESS MRC1 RETROFIT CHASSIS

- Our mortise retrofit chassis only series includes faceplate \& strikeplate 626 standard
- ANSI Grade 1 mortise lock, UL Listed
- Significantly lower cost
- Additional options installed at factory: REX, DPS, \& LBM (pg 13)
- Field reversible handing without opening lock case
- Works with the original manufacturers' trim (*some exceptions- Corbin Museo® Collection)

|  | MODELS | FUNCTIONS | FINISHES |
| :--- | :--- | :--- | :--- |
| - | MRC135D | Best 35/45 Storeroom | 613 |
| - | MRC135W | Best 35/45 Institutional | 625 |
| - | MRC18080 | Cal Royal 8000 Storeroom | 626 |
| - | MRC180802 | Cal Royal 8000 Institutional |  |
| - | MRC105/03 | Corbin Russwin 2000 Storeroom |  |
| - | MRC104/01 | Corbin Russwin 2000 Institutional |  |
| - | MRC181/51 | Falcon MA Storeroom |  |
| - | MRC121/11 | Falcon MA Institutional |  |
| - | MRC1681/1651 | Falcon MA Entrance w/ Deadbolt | Complete Example: MRC135W 626 |

## RETROFIT CHASSIS ONLY



## © (a) electrified latch pullback



## (UL) COMMAND ACCESS LPM190 SERIES

- LPM1 SERIES IS MOTORIZED ELECTRIC LATCH PULLBACK IN A STANDARD MORTISE LOCK; COMPLETELY RETRACTED FOR A PUSH-PULL CONDITION OR IN CONJUNCTION WITH LOW ENERGY OPERATOR
- MORTISE LOCK VERSION AND APPLICATION SIIILAR TO PANIC ELR
- ALLOWS FOR UP TO 350' LONG WIRE RUNS \& CONTINUOUS DUTY
- ALSO AVAILABLE WITH LEVER CONTROL - EU OR EL


## SPECIFICATIONS

- No special lock prep required - fits standard mortise pocket.
- Retrofits Schlage "L" series lock
- All motors \& solenoids rated for continuous duty . . . whether you're powering for 5 seconds or 8 hrs.
- Latch Retraction operating voltage 24VDC: Surge current- 1A, holding current-300mA
- Lever control-700mA @ 12V or 350mA @ 24V
- 3 year "no hassle" warranty issues reliability to the owner
- Latch Pullback available in EU (Fail Secure) only; lever control available in EL (Fail Safe) or EU (Fail Secure)
- UL Listed




## 曾 $\quad$ In-stock Trim

In-stock Finishes
Keyway Optional Switches

| PART \# | 등 |  | 4 | 4 | 4 | 4 |  | 626 | 625 | 613 | LC | SC | SFIC | LFIC | REX | LBM | DPS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| LPM1910 ${ }^{1}$ | \$857 | \$660 | L3 | L6 | L7 | L17 | ESC* | $\checkmark$ | $\checkmark$ | $\checkmark$ | - | $\checkmark$ | +\$66 | +\$28 | +\$65 | +\$65 | -2 |
| LPM190 ${ }^{1}$ | \$857 | \$660 | L3 | L6 | L7 | L17 | ESC* | $\checkmark$ | $\checkmark$ | $\checkmark$ | - | $\checkmark$ | +\$66 | +\$28 | +\$65 | +\$65 | -2 |
| LPM192 ${ }^{1}$ | \$894 | \$682 | L3 | L6 | L7 | L17 | - | $\checkmark$ | $\checkmark$ | $\checkmark$ | - | $\checkmark$ | +\$66 | +\$28 | +\$65 | +\$65 | - ${ }^{2}$ |
| LPM193 ${ }^{1}$ | \$1047 | \$816 | L3 | L6 | L7 | L17 | ESC* | $\checkmark$ | $\checkmark$ | $\checkmark$ | - | $\checkmark$ | +\$66 | +\$28 | +\$65 | +\$65 | -2 |
| LPM194 ${ }^{1}$ | \$1047 | \$816 | L3 | L6 | L7 | L17 | ESC* | $\checkmark$ | $\checkmark$ | $\checkmark$ | - | $\checkmark$ | +\$66 | +\$28 | +\$65 | +\$65 | -2 |
| LPM195 ${ }^{1}$ | \$1047 | \$816 | L3 | L6 | L7 | L17 | - | $\checkmark$ | $\checkmark$ | $\checkmark$ | - | $\checkmark$ | +\$66 | +\$28 | +\$65 | +\$65 | -2 |
| LPM196 ${ }^{1}$ | \$1047 | \$816 | L3 | L6 | L7 | L17 | - | $\checkmark$ | $\checkmark$ | $\checkmark$ | - | $\sqrt{ }$ | +\$66 | +\$28 | +\$65 | +\$65 | -2 |
| LPM197 ${ }^{1}$ | \$1047 | \$816 | L3 | L6 | L7 | L17 | - | $\checkmark$ | $\checkmark$ | $\checkmark$ | - | $\checkmark$ | +\$132 | +\$56 | +\$65 | +\$65 | -2 |
| LPM198 ${ }^{1}$ | \$1047 | \$816 | L3 | L6 | L7 | L17 | - | $\checkmark$ | $\checkmark$ | $\checkmark$ | - | $\checkmark$ | +\$132 | +\$56 | +\$65 | +\$65 | -2 |

[^0]| LPM1910EU passage | Latchbolt Control: <br> Lever Control: | Motorized Latchbolt retracted by lever outside or by lever inside. Applied power electronically (EU) retracts latchbolt for push/pull operation. <br> Outside Lever \& Inside Lever <br> Always free ingress \& egress |
| :---: | :---: | :---: |
| LPM190EU storeroom | Latchbolt Control: <br> Lever Control: | Motorized Latchbolt retracted by key outside or by lever inside. Applied power electronically (EU) retracts latchbolt for push/pull operation. <br> Outside Lever <br> Always Rigid (Locked) <br> Inside Lever <br> Always free egress |
| LPM192EU institutional | Latchbolt Control: <br> Lever Control: | Motorized Latchbolt retracted by key outside or inside (Double Cylinder operation) Applied power electronically (EU) retracts latchbolt for push/pull operation. <br> Outside Lever \& Inside Lever <br> Always Rigid (Locked) |
| LPM193EUxEL <br> LPM194EUxEU <br> storeroom X storeroom | Latchbolt Control: X <br> Lever Control: | Motorized Latchbolt retracted by key outside or inside <br> Applied power electronically (EU) retracts latchbolt for push/pull operation. <br> Outside Lever <br> EL - locked electronically: Applied power prohibits Outside lever from retracting latchbolt. <br> EU - unlocked electronically: Applied power allows Outside lever to retract latchbolt <br> Inside Lever <br> Always free egress. <br> Latchbolt retracted by key outside or inside. <br> Applied power electronically (EU only) retracts latchbolt for push/pull operation. |
| LPM195EUxEL <br> LPM196EUxEU institutional $X$ storeroom | Latchbolt Control: X <br> Lever Control: | Motorized Latchbolt retracted by key outside or inside <br> Applied power electronically (EU) retracts latchbolt for push/pull operation. <br> Outside Lever <br> Always Clutching (Does not activate outside lever at anytime) <br> Inside Lever <br> EL - locked electronically: Applied power prohibits Inside lever from retracting latchbolt. <br> EU - unlocked electronically: Applied power allows Inside lever to retract latchbolt. |
| LPM197EUxEL <br> LPM198EUxEU <br> institutional X institutional | Latchbolt Control: X <br> Lever Control: | Motorized Latchbolt retracted by key outside or inside (Double Cylinder operation). Applied power electronically (EU only) retracts latchbolt for push/ pull operation. <br> Outside Lever \& Inside Lever <br> EL - locked electronically: Applied power prohibits both levers from retracting latchbolt. <br> EU - unlocked electronically: Applied power allows both levers to retract latchbolt. |

## CONTROLLED ACCESS APPLICATION

The Command Access LPM190 mortise lock may be utilized in conjunction with any access control application using standard mortise locksets. When activated the LPM190 creates a push/pull that satisfies both in-swinging and out-swinging doors. Inside free egress can be attained by turning the inside lever to manually open the door. Outside access is controlled by the access control system or by physical key override.


## ( <br> ELECTRIIFIED LATCH PULLBACK

## COMMAND ACCESS UNIVERSAL BATHROOM PRIVACY KIT

- UTILIZES THE ONLY LATCH PULLBACK X LEVER CONTROL IN A ML LOCK
- INCLUDES ACCESS CONTROLS NEEDED TO ADD PRIVACY FUNCTION TO SINGLE OCCUPANCY RESTROOM, MAINTAINS ADA ACCESSIBILITY
- INCLUDES WIRE DIAGRAM

2 PACKAGES: 1 INCLUDES EVERYTHING + ADD TO YOUR OPERATOR OF CHOICE. 2 INCLUDES EVERYTHING INCLUDING HIGH QUALITY LOW ENERGY OPERATOR.


SEE IT IN ACTION!


| UBPK1-FM-EUxEL | Includes: PS220B, LPM193 Complete Lock ( latch retraction EU x lever control EL), Logic Module, Illuminated Outside/Inside (Push to Open \& Push to Lock) IDPS door contact, power transfer hinge, Flush mounted push buttons. | \$2230 |
| :---: | :---: | :---: |
| UBPK1-FM-EUxEU | Includes: PS220B, LPM194 Complete Lock ( latch retraction EU x lever control EU), Logic Module, Illuminated Outside/Inside (Push to Open \& Push to Lock), IDPS door contact, power transfer hinge, Flush mounted push buttons. | \$2230 |
| UBPK1-FM-EUxEL | Includes: PS220B, LPM193 Complete Lock ( latch retraction EU x lever control EL), Logic Module, Illuminated Outside/Inside (Push to Open \& Push to Lock), IDPS door contact, power transfer hinge, Flush mounted push buttons. | \$2230 |
| UBPK1-SM-EUxEL | Includes: PS220B, LPM193 Complete Lock ( latch retraction EU x lever control EL), Logic Module, Illuminated Outside/Inside (Push to Open \& Push to Lock), IDPS door contact, power transfer hinge, Surface mounted push buttons. | \$2230 |
| UBPK1-SM-EUxEU | Includes: PS220B, LPM194 Complete Lock ( latch retraction EU x lever control EU), Logic Module, Illuminated Outside/Inside (Push to Open \& Push to Lock) IDPS door contact, power transfer hinge, Surface mounted push buttons. | \$2230 |
| UBPK2-FM-EUxEL | Includes: Low Energy Operator, LPM193 Complete Lock ( latch retraction EU x lever control EL), IDPS door contact, Illuminated Outside/Inside (Push to Open \& Push to Lock), power transfer hinge, Flush mounted push buttons. | \$4880 |
| UBPK2-FM-EUxEU | Includes: Low Energy Operator, LPM194 Complete Lock ( latch retraction EU x lever control EU), IDPS door contact, Illuminated Outside/Inside (Push to Open \& Push to Lock), power transfer hinge, Flush mounted push buttons. | \$4880 |
| UBPK2-SM-EUxEL | Includes: Low Energy Operator, LPM193 Complete Lock ( latch retraction EU x lever control EL), IDPS door contact, Illuminated Outside/Inside (Push to Open \& Push to Lock), power transfer hinge, Surface mounted push buttons. | \$4880 |
| UBPK2-SM-EUxEU | Includes: Low Energy Operator, LPM194 Complete Lock ( latch retraction EU x lever control EU), IDPS door contact, Illuminated Outside/Inside (Push to Open \& Push to Lock), power transfer hinge, Surface mounted push buttons. | \$4880 |
| EME KIT ADD | Add on Emergency Annunciator Kit for UBPK (Pictured Above) | \$575 |

## ELECTRIFIED MORTISE LOCKS





| LIST \$ |  |  |  | Stock Trim Styles |  |  |  |  | Stock Finishes |  |  | Keyway |  |  |  | Optional Switches |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | 4 | 4 | 1 | 4 | - | ¢ | น | $\frac{m}{6}$ | $\bigcirc$ | む | 을 0 0 0 0 은 |  |  |  |  |  |

## ACCURATE

MODIFICATION ONLY (Customer's Accurate 9145/FSB 7145 Chassis) Specify EU or EL, Voltage and Handing.

| StOREROOM | MLS9EU/EL | - | - | $\$ 160$ | - | - | - | - | - | - | - | - | - | - | - | - | $+\$ 65$ | $+\$ 65$ | $+\$ 65$ | - |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |


| ARROW | MODIFICATION ONLY (Customer's AM17 or BM17 Chassis) - Specify EU or EL, Voltage and Handing. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| FUNCTION | PART \# | COM \$ | CH \$ | MD \$ |  |  |  |  |  | 626 | 625 | 613 | LC | SC | SFIC | LFIC | REX | LBM | DPS | DBM |
| STOREROOM | ML77EU/EL | - | - | \$160 | - | - | - | - | - | - | - | - | - | - | - | - | +\$65 | - | - | - |

## BEST 45

MODIFICATION (Customer's Best 45HD, 45HAB \& 45HUNAB Chassis) / CHASSIS ONLY / COMPLETE LOCK
Specify Voltage and Handing. Special order trims and finishes available. Faceplates \& Strikes available in 626

| FUNCTION | PART \# | COM \$ | CH \$ | MD \$ | $4$ | 4 |  | $4$ | $\square$ | 626 | 625 | 613 | LC | SC | SFIC | LFIC | REX | LBM | DPS | DBM |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Storeroom | ML45DEU/EL | \$912 | \$490 | \$151 | 3H | 15H | - | 14H | M* | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | - | +\$66 | - | +\$65 | +\$65 | +\$65 | - |
| Institutional | ML45WEU/EL | \$979 | \$490 | \$167 | 3H | 15H | - | 14H | - | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | - | +\$132 | - | +\$65 | +\$65 | +\$65 | - |
| ENTRANCE W/DB | ML453DEU/EL | CALL | \$631 | \$167 | 3H | 15H | - | 14H | - | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | - | +\$66 | - | - | - | - | - |
| PRIVACY W/ DB | ML453TEU | CALL | \$675 | \$210 | 3H | 15H | - | 14H | - | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | - | +\$66 | - | - | - | - | - |

CAL ROYAL MODIFICATION (Customer's Cal-Royal M8080 \& M8453 Chassis) / COMPLETE LOCK
Specify Voltage and Handing.

| FUNCTION | PART \# | COM \$ | CH \$ | MD \$ | $4$ | $4$ | $4$ |  |  | 626 | 625 | 613 | LC | SC | SFIC | LFIC | REX | LBM | DPS | DBM |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Storeroom | ML8080EU/EL | \$625 | - | \$151 | TS | ss | GS | Js | - | $\checkmark$ | $\checkmark$ | $\checkmark$ | - | $\checkmark$ | +\$66 | +\$28 | +\$65 | +\$65 | - | - |
| ENTRANCE W/DB | ML8053EU/EL | \$669 |  | \$189 | TS | ss | GS | Js | - | $\checkmark$ | $\checkmark$ | $\checkmark$ | - | $\checkmark$ | +\$66 | +\$28 | +\$65 | +\$65 | - |  |

CORBIN RUSSWIN
MODIFICATION (Customer's Corbin ML2057 Chassis)
Specify Voltage. Faceplates \& Strikes available in 613, 625, 626 (see page 13 for pricing)

| FUNCTION | PART \# | COM \$ | CH \$ | MD \$ |  |  |  |  |  | 626 | 625 | 613 | LC | SC | SFIC | LFIC | REX | LBM | DPS | DBM |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| STOREROOM | ML05EU/03EL | - | \$640 | \$149 | - | - | - | - | - | $\checkmark$ | CALL | CALL | , | / | +\$66 | +\$28 | +\$65 | +\$65 | +\$65 | - |
| INSTITUTIONAL | ML04EU/01EL | - | \$657 | \$167 | - | - | - | - | - | $\checkmark$ | CALL | CALL | $\checkmark$ | $\checkmark$ | +\$132 | +\$56 | +\$65 | +\$65 | +\$65 | - |

## (Q) ELECTRIFIED MORTISE LOCKS

 $=$ = Not Available

FALCON MODIFICATION (Customer's Falcon MA 561/31 Chassis)
Specify Voltage. Faceplates \& Strikes available in 613, 625, 626 (see page 13 for pricing)


1. Not available on deadbolt models
2. Call for availability of deadbolt trims.

## SARGENT MODIFICATION (Customer's Sargent 8237 Chassis) / CHASSIS ONLY <br> Specify Voltage. Faceplates \& Strikes available in 613, 625, 626 <br> (see page 13 for pricing). Fire link is removed for LBM.

| Storeroom | ML371EU/70EL | - | \$623 | \$149 | - | - | - | - | - | $\checkmark$ | - | $\checkmark$ | $\checkmark$ | $\checkmark$ | +\$66 | +\$28 | +\$65 | +\$65 | - | - |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| INSTITUTIONAL | ML373EV/11EL | - | \$639 | \$167 | - | - | - | - | - | $\checkmark$ | - | $\checkmark$ | $\checkmark$ | $\checkmark$ | +132 | +\$56 | +\$65 | +\$65 | - | - |

SCHLAGE MODIFICATION (Customer's Schlage L9050/9070 \& L9453 Chassis) / CHASSIS ONLY /
Solenoid Locks COMPLETE LOCK Specify Voltage. Faceplates \& Strikes available in 613, 625, \& 626. Call Factory for other finishes

| FUNCTION | PART \# | COM \$ | CH \$ | MD \$ | $4$ | 4 | 4 | 4 |  | 626 | 625 | 613 | LC | SC | SFIC | LFIC | REX | LBM | DPS | DBM |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| CLASSROOM | ML70EU/EL | \$1140 | \$495 | \$152 | 03 | 06 | 07 | 17 | L/N | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | +\$66 | +\$28 | +\$65 | +\$65 | - | - |
| STOREROOM | ML80EU/EL | \$1130 | \$448 | \$144 | 03 | 06 | 07 | 17 | L/N | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | +\$66 | +\$28 | +\$65 | +\$65 | +\$65 | +\$65 |
| INSTITUTIONAL | ML82EU/EL | \$1207 | \$469 | \$165 | 03 | 06 | 07 | 17 | L/N | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | +132 | +\$56 | +\$65 | +\$65 | +\$65 | +\$65 |
| ENTRANCE W/DB | ML480EU/EL | \$1167 | \$500 | \$172 | 03 | 06 | 07 | 17 | L/N | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | +\$66 | +\$28 | +\$65 | +\$65 | - | +\$65 |
| INSTITUTIONAL W/DB | ML482EU/EL | \$1257 | \$520 | \$193 | 03 | 06 | 07 | 17 | L/N | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | +132 | +\$56 | +\$65 | +\$65 | - | +\$65 |
| PRIVACY w/DB | ML485EU | \$1214 | \$555 | \$215 | 03 | 06 | 07 | 17 | L/N | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | +\$66 | +\$28 | +\$65 | +\$65 | - | +\$65 |



| FUNCTION | PART \# | COM \$ | CH \$ | MD \$ | $4$ | $4$ | $4$ | $4$ |  | 626 | 625 | 613 | LC | SC | SFIC | LFIC | REX | LBM | DPS | DBM |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| STOREROOM | ML92-M EU/EL | \$1167 | \$480 | \$180 | 03 | 06 | 07 | 17 | L/N | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | +\$66 | +\$28 | +\$65 | +\$65 | - | - |
| INSTITUTIONAL | ML95-M EU/EL | \$1240 | \$501 | \$201 | 03 | 06 | 07 | 17 | L/N | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | +132 | +\$56 | +\$65 | +\$65 | - | - |

## YALE MODIFICATION (Customer's Yale 8808 Chassis) / CHASSIS ONLY

Specify Voltage and Handing. Faceplates (List \$57) \& Strikes available in 626 (see page 13 for pricing).
Fire link is removed for LBM.

| FUNCTION | e link is re <br> PART \# | moved <br> COM \$ | CH \$ | MD \$ | $4$ | $4$ | $4$ | $4$ |  | 626 | 625 | 613 | LC | SC | SFIC | LFIC | REX | LBM | DPS | DBM |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| STOREROOM | ML91EU/90EL | \$1095 | \$646 | \$157 | CRR | AUR | MOR | PBR | CALL | $\checkmark$ | - | - | $\checkmark$ | $\checkmark$ | +\$66 | +\$28 | +\$65 | +\$65 | - | - |
| INSTITUTIONAL | ML95EU/94EL | \$1161 | \$663 | \$174 | CRR | AUR | MOR | PBR | CALL | $\checkmark$ | - | - | $\checkmark$ | $\checkmark$ | +132 | +\$56 | +\$65 | +\$65 | - | - |

## ACGESSORIES

## MORTISE LOCK SWITCH OPTIONS

A variety of monitoring switches are available for Command Access modified mortise lockset. All switches are SPDT (single pole, double throw) and either mechanical or reed type. Since each manufacturer has different configurations and designs,switch options not available with all mortise locks. Please refer to the dedicated specification page for your desired mortise lock model, or
 consult the factory for switch application verification. With the exception of a few field installable REX kits, all other switches must be installed at the factory. Here is a list of available switches and their definition.

REX - Request to Exit or AE switch available - sends a signal to alert the control panel that the door is about to be opened by someone intending to exit from within the secured area.
LBM- Latchbolt Monitor switch available - sends a signal to the control panel to monitor the position of the latchbolt.

DPS - Door Position switch available - sends a signal to the control panel to monitor the position of the door.
DBM - Deadbolt Monitor switch available - sends a signal to the control panel to monitor the position of the deadbolt.

| CATREXKIT-ML ${ }^{1}$ | Command Access ML1-series mortise lock field installable REX (Request to Exit) kit. | \$65 |
| :---: | :---: | :---: |
| CATLBMKIT-ML ${ }^{1}$ | Command Access ML1-series mortise lock field installable LBM (Latchbolt Monitor) kit | \$65 |
| CATREXLBMKIT-ML ${ }^{1}$ | Command Access ML/Schlage L-series mortise lock field installable LBM (Latchbolt Monitor) + REX (Request to Exit) kit | \$125 |
| SCHREXKIT-ML ${ }^{1}$ | Schlage L-series mortise lock field installable REX (Request to Exit) kit. | \$65 |
| SCHREXKIT-FE-ML2 | Schlage L909x-series mortise lock field installable REX (Request to Exit) kit. | \$76 |
| REX | Request to Exit switch installed in Mortise Lock | \$65 |
| LBM | Latch Bolt Monitor switch installed in Mortise Lock | \$65 |
| DPS | Door Position switch installed in Mortise Lock | \$65 |
| DBM | Deadbolt Monitor switch installed in Mortise Lock | \$65 |
| RXBP | Request to Exit Switch with Bypass option to shunt the signal during unlocked cycles installed in mortise lock | \$115 |

1. Requires the lock body to be opened for installation.
2. Only compatible with new Schlage L909x Lock Body with Cutout for REX.

ACCESSORIES \& REPLACEMENT FOR MORTISE LOCKS

| FACEPLATE | Storeroom or Deadbolt function in specified finishes. | \$42 |
| :---: | :---: | :---: |
| STRIKE | 4-7/8" ASA Strike in specified finishes | \$42 |
| CRU | Current Reduction Unit | \$37 |
| 4' LEAD | Add 4' lead to any switch (per switch) | \$35 |
| BR1 | Bridge Rectifier w/ 12" Lead | \$18 |
| BR5 | Bridge Rectifier w/ 5' Lead | \$30 |
| QC | 8-pin or 12-pin Molex Connectors added to locking device retrofit ElectroLynx or Allegion Connect | \$28 |
| QC w/ lead | 8-pin or 12-pin Molex Connectors w/3-5' lead added to locking device retrofit ElectroLynx or Allegion Connect | \$48 |
| Door Cord QC | 3-5' Door Cord to connect a QC prepped locking device to the power transfer hinge | \$85 |
| SOL-ML | Mortise Lock Replacement Solenoids (Specify brand, EU or EL \& Voltage | \$88 |

## ©



## FEATURES

- EASY INSTALLATIONS - RELIABLE PERFORMANCE
- GRADE 1,ANSI RATED
- UL, CSA, CSFM LISTED
- QUICK TO SHIP \& A FAIR PRICE
- BUILT IN THE USA - DURABLE \& DEPENDABLE
- 3 YEAR WARRANTY ON ALL ELECTRICAL \& MECHANICAL PARTS ALLOWS FOR REMOTE KEYLESS ACCESS \& EGRESS CONTROL
- MULTIPLE FUNCTIONS AND VOLTAGES TO MEET YOUR REQUIREMENTS
- COMMON APPLICATIONS INCLUDE COMPUTER ROOMS, CLASSROOMS, INTERIOR IN SCHOOLS, HOSPITALS, OFFICES AND PUBLIC BUILDINGS
- CYLINDRICAL LOCKS CAN BE ORDERED COMPLETE OR MODIFICATION ONLY COF CUSTOMER'S LOCKJ.


## FUNCTIONS

STOREROOM - Latchbolt retracted by key outside or lever inside. Fail Secure - Applied power allows outside lever to retract latchbolt (EU) or Fail Safe - prevents latchbolt from retracting (EL). Inside lever is always free for immediate egress.

CLASSROOM - Latchbolt retracted by key outside or lever inside. Fail Secure - Applied power allows outside lever to retract latchbolt (EU) or Fail Safe - prevents latchbolt from retracting (EL). Inside lever is always free for immediate egress. Outside lever can be maintained unlocked by key. Inside lever is always free for immediate egress.

STOREROOM CLUTCHING - Latchbolt retracted by key outside or lever inside. Fail Secure - Applied power allows outside lever to retract latchbolt (EU) or Fail Safe - prevents latchbolt from retracting (EL). Inside lever is always free for immediate egress. Outside lever is freewheeling (clutching) when locked. Inside lever is always free for immediate egress.

## HOW TO ORDER

| FOR MODIFICATION AND COMPLETE LOCKS |
| :---: |
| PREFIX <br> MD - Modification |

## MODEL + FUNCTION

Select a model number and add
EL (Fail Safe) - Electronically Locked EU (Fail Secure) - Electronically Unlocked

## VOLTAGE

12 or 24 Volts must be specified
Motorized = Universal Input 11-30V LE = Universal Input 11-30V

## OPTIONAL SWITCHES <br> REX - Request-to-Exit

## FOR CYLINDRICAL LOCK

For Command Access \& Schlage model \#s only.

- Intelligent auto voltage sensing 11-30 VDC
- Extremely low holding current = motorized
- Field selectable EU/EL with flip of a switch

| FOR COMPLETE LOCKS ONLY |  |  |
| :---: | :---: | :---: |
| $\sqrt{\boxed{\pi}}-{ }^{-} \text {- Tubular }$ | TRIM | - Straight <br> - Curved |

FINISH (BHMA std)

| 605 - Polished Bronze | 625 - Polished Chrome |
| :--- | :--- |
| 613 - Oil Rubbed Bronze | 626 - Satin Chrome |
| SPECIAL ORDER | 612 - Satin Bronze |
| 606 - Satin Brass |  |

## KEYWAY

SC - "C" Kwy Standard SFIC - Small Format I/C Prep LC - Less Cylinder LFIC - Factory Large Format I/C Prep

## ACCESSORIES

Strikes - 4-7/8" ASA Strike in specified finishes
CRU2 - Current Reduction Unit (AC \& DC input)
4 Lead - 4' Wire Lead to switches
10 Lead - 10' Wire lead to switches
QC - Molex Connectors
BR1 - Bridge Rectifier w/ 12" lead (included)
BR5 - Bridge Rectifier w/ 5' lead

## EXAMPLES

MODIFICATION ONLY

|  | PREFIX | MODEL | FUNCTION | SUFFIX | VOLTAGE | FINISH | KEYWAY | OPTIONS | ACC | COMPLETE PART \# |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Part \# | MD | CL93D | EL | - | 12 | - | - | REX | CRU2 | MDCL93D EL 12V REX CRU2 |
| List \$ | - | \$140 | - | - | - | - | - | \$65 | \$37 | \$242 |

COMPLETE LOCK

|  | PREFIX | MODEL | FUNCTION | SUFFIX | VOLTAGE | FINISH | KEYWAY | OPTIONS | ACC |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Part \# | - | CL190 | EU | L17 | - | 626 | SFIC | - | - |
| List \$ | - | $\$ 360$ | - | - | - | - | - | - | - |

## QUICK REFERENCE

| CL LOCK | PAGE | CL LOCK | PAGE |
| :--- | :---: | :---: | :---: |
| COMMAND <br> CL1 | 16 | ACCESSORIES | 19 |
| ARROW - <br> CORBIN | 17 |  |  |
| LSDA - <br> SCHLAGE | 18 |  |  |

## (1) ELECTRIFIED CYLNDRICAL LOCK

## COMMAND ACCESS CL1 SERIES

- UL LISTED
- RETROFITS SCHLAGE ND 80 PREP
- STANDARD 161 PREP

- FEATURES \& PERFORMANCE FOUND IN DOMESTICALLY MADE ANSI GRADE 1 CYLINDRICAL LOCKS AT A SIGNIFICANTLY LOWER COST
- FIELD INSTALLABLE REX KIT AVAILABLE
- HIGHEST QUALITY MANUFACTURING BUILT TO LAST IN YORBA LINDA, CA

Man MOTORIZED UNIVERSAL INPUT TAKES 11-30V \& FIELD SELECTABLE EL/EU WITH FLIP OF SWITCH

| MODELS |  |  |  | LEVERS | FINISHES | CYLINDER |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (4) | CL180 <br> CL180LE <br> CL190 | Solenoid Storeroom Clutching Low Energy Storeroom Clutching Motorized Storeroom Clutching | L6 |  | 605* | C |
|  |  |  |  |  | 612* | SFIC |
|  |  |  | L7 |  | 613 | LFIC |
|  |  |  |  |  | 625 |  |
|  |  |  | L17 |  | 626 |  |
|  |  |  | Complete Example: CL190 EU L6 626 SFIC |  |  |  |

## COMMAND ACCESS COMPLETE LOCK

| FUNCTION | PART \# | COM \$ |  | $4$ | $4$ | $4$ | 626 | 625 | 613 | LC | SC | SFIC | LFIC ${ }^{2}$ | REX | $\begin{aligned} & \checkmark \text { or \$ = Available } \\ & ==\text { Not Available } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Storeroom | CL180EU/EL | \$326 | - | L6 | L7 ${ }^{3}$ | L17 | $\checkmark$ | $\checkmark$ | $\checkmark$ | - | $\checkmark$ | $\checkmark$ | $\checkmark$ | +\$65 |  |
| LE StOREROOM ${ }^{1}$ | CL180-LE EU/EL | \$401 | - | L6 | L7* | L17 | $\checkmark$ | $\checkmark$ | $\checkmark$ | - | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |  |
| MOTOR STOREROOM ${ }^{1}$ | CL190 EU/EL | \$360 | - | L6 | L7* | L17 | $\checkmark$ | $\checkmark$ | $\checkmark$ | - | $\checkmark$ | $\checkmark$ | $\checkmark$ | +\$65 |  |

1. Universal input 11-30V
. Available in L6 626 only
2. Limited availability, please call to confirm stock.
*2-3/8" backset available list \$35


ELECTRIFIED CYLINDRICAL LOCK
Specify EU or EL, Voltage and Handing.


ARROW MODIFICATION ONLY (Customer's Arrow QL82 for clutching lever)

| FUNCTION | PART \# |  |  |  | 4 | 4 | 4 | 626 | 625 | 613 | LC | SC | SFIC | LFIC | REX |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| STOREROOM CLUTCH | CL878 EU | - | \$193 | - | - | - | - | - | - | - | - | - | - | - | - |
| STOREROOM CLUTCH | CL878 EL | - | \$193 | - | - | - | - | - | - | - | - | - | - | - | - |

BEST MODIFICATION (Customer's Best 93K Series) / COMPLETE LOCK
Specify Voltage. Typically Stocked Finishes - 626. C \& D Roses Available

| FUNCTION | PART \# | COM \$ | MD S | 4 | 4 |  | 4 | 626 | 625 | 613 | LC | SC | SFIC | LFIC | REX |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Storeroom | CLI93D EU/EL | \$68 | \$140 | - | 15 |  | 14 | $\checkmark$ |  |  | $\checkmark$ | $\checkmark$ | $\checkmark$ |  | +\$65 |

CAL ROYAL MODIFICATION (Customer's Cal Royal CGN05) / COMPLETE LOCK Specify Voltage. Typically Stocked Finishes - 613, 625, 626.

| FUNCTION | PART \# | COM \$ | MD \$ | $4$ |  |  | ( | 626 | 625 | 613 | L | SC | SFIC | LFIC | REX |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| STOREROOM CLUTCH | CLCR05 EU/EL | \$426 | \$132 | - | - | - | - | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | +\$65 |

CORBIN RUSSWIN MODIFICATION (Customer's Corbin CL3357) / COMPLETE LOCK Specify Voltage. Typically Stocked Finishes - 613, 625, 626.

| FUNCTION | PART \# | COM \$ | MD \$ |  | $4$ |  | 4 | 626 | 625 | 613 | LC | SC | SFIC | LFIC | REX |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| STOREROOM | CL05 EU | \$694 | \$158 | - | NZD | - | PZD | $\checkmark$ | - | - | $\checkmark$ | $\checkmark$ | - | $\checkmark$ | +\$65 |
| STOREROOM | CL03 EL | \$694 | \$158 | - | NZD | - | PZD | $\checkmark$ | - | - | $\checkmark$ | $\checkmark$ | - | $\checkmark$ | +\$65 |



## © <br> ELECTRIFIED CYLNDDRICAL LOCK

MARKS
MODIFICATION ONLY (Customer's Marks 195F)
Specify Voltage.
$\checkmark$ or \$ = Available
= = Not Available

| FUNCTION | PART \# | COM \$ | MD \$ | $4$ | T | $4$ | $4$ | 626 | 625 | 613 | LC | SC | SFIC | LFIC | REX |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| STOREROOM | CLF95 EU/EL | - | \$165 | - | - | - | - | - | - | - | - | - | - | - | +\$65 |

SARGENT
MODIFICATION (Customer's Sargent 10G04) / COMPLETE LOCK
Specify Voltage. Typically Stocked Finishes - 613, 625, 626. Call for availability.


SCHLAGE
MODIFICATION (Customer's Schlage ND12PD, ND70PD, ND80PD, ND94PD, ND96PD) / COMPLETE LOCK
Specify Voltage. Typically Stocked Finishes - 613, 625, 626. Classic 'C’ type keyway comes standard.

| FUNCTION | PART \# | COM \$ | MD \$ | $4$ | $4$ | $4$ | $4$ | $626$ | 625 | 613 | LC | SC | SFIC/BD | LFIC/JD | REX |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| EXIT | CLN12 EU/EL | \$720 | \$120 | - | RHO | ATH* | SPA | $\checkmark$ | $\checkmark$ | +\$33 | - | - | - | - | +\$65 |
| CLASSROOM | CLN70 EU/EL | \$786 | \$120 | - | RHO | ATH* | SPA | $\checkmark$ | $\checkmark$ | +\$33 | $\checkmark$ | $\checkmark$ | +\$79 | $\checkmark$ | +\$65 |
| STOREROOM | CLN80 EU/EL | \$786 | \$120 | - | RHO | ATH* | SPA | $\checkmark$ | $\checkmark$ | +\$33 | $\checkmark$ | $\checkmark$ | +\$79 | $\checkmark$ | +\$65 |
| STOREROOM CLUTCH | CLN96 EU/EL | \$798 | \$128 | - | RHO | ATH* | SPA | $\checkmark$ | $\checkmark$ | +\$33 | $\checkmark$ | $\checkmark$ | +\$79 | $\checkmark$ | +\$65 |

Add $\$ 35$ list for Schlage original C \& Everest C123.
Add $\$ 15$ list for Control key..
Add \$70 List net for RD \& TD (No upcharge for JD).

## ACGESSORIES

Command Access current reduction unit is recommended for "fail safe" or "unlock cycle" applications to reduce heat and extend solenoid life meaning no more "hot levers"!

CRU2 - Adjusts incoming voltage to maximize the efficiency of our 12 or 24VDC locks.
VC Series - Voltage converter takes incoming voltage and steps down to out put clean \& consistent
 12 VDC or 24 VDC to power any locking device, reader \& more.

## CYLINDRICAL LOCK SWITCH OPTIONS

All Command Access modified cylindrical lever locks are available with REX monitor switches. All switches are SPDT (single pull, double throw) and either mechanical or reed type. With the exception of a few field installable REX kits, all other REX switches must be installed at the factory. Here is a list of available switches and their definition.

REX - Request to Exit or AE switch available (depending on manufacturer) - sends a signal to alert the control panel that the door is about to be opened by someone intending to exit from within the secured area

REXKIT-CL - Field Installable REX (Request to Exit ) switch kits are available for a few cylindrical locks. Each kit includes the switch assembly and all necessary items needed for quick field installation.


SCHREX KIT-CL

## ACCESSORIES \& REPLACEMENT FOR CYLINDIRCAL LOCKS

| CATREXKIT-CL | REX (Request to Exit) installed on CAT CL1 spring cage field installable) kit. | $\$ \mathbf{7 7}$ |
| :--- | :--- | :--- |
| SCHREXKIT-CL | Schlage ND series Anti-Rotation Plate with Request to Exit (REX) switch installed | $\$ 77$ |
| REX | Request to Exit (REX) switch installed installed on cylindrical lock | $\$ 65$ |

## ACCESSORIES \& REPLACEMENT FOR CLYLINDRICAL LOCKS

| STRIKE | Standard ASA Strike in specified finishes | $\mathbf{\$ 4 2}$ |
| :--- | :--- | :--- |
| CRU | Current Reduction Unit | $\mathbf{\$ 3 7}$ |
| 4' LEAD | Add 4' lead to any switch (per switch) | $\mathbf{\$ 3 5}$ |
| BR1 | Bridge Rectifier w/ 12" Lead | $\mathbf{\$ 1 8}$ |
| BR5 | Bridge Rectifier w/ 5' Lead | $\mathbf{\$ 3 0}$ |
| QC | 8-pin or 12-pin Molex Connectors added to locking device retrofit ElectroLynx or Allegion Connect | $\mathbf{\$ 2 8}$ |
| OC w/ lead | 8-pin or 12-pin Molex Connectors w/3-5' lead added to locking device retrofit ElectroLynx or Allegion Connect | $\mathbf{\$ 4 8}$ |
| Door Cord QC | 3-5' Door Cord to connect a QC prepped locking device to the power transfer hinge | $\mathbf{\$ 8 5}$ |
| SOL-CL | Cylindrical Lock Replacement Solenoids (Specify brand, EU or EL \& Voltage) Factory replacement only | $\mathbf{\$ 8 8}$ |

Allegion Connect ${ }^{R}$ is a registered trademark of Allegion
ElectroLynx ${ }^{\circledR}$ is a registered trademark of Assa Abloy


## 0 ELEGTRIIIED EXIT TRIM



## SPECIFICATIONS

- ELECTRIC LOCKING OR UNLOCKING BY A REMOTE SWITCH
- INTERIOR OR EXTERIOR ENTRANCE [INGRESSJ WITH MECHANICAL EXIT DEVICE
- WHERE FIRE/LIFE SAFETY CODES REQUIRE A "FAIL SAFE" CONDITION
- STAIRWAY CONDITIONS SUPPLIED W/ PLUG-IN RECTIFIER SO THERE IS NO WORRY WHETHER YOU'RE USING AC OR DC VOLTAGE.
- LOW CURRENT DRAW ...MULTIPLE LOCKS RUNNING OFF ONE POWER SUPPLY.
- ALL 12 OR 24 VOLT SOLENOIDS RATED FOR CONTINUOUS DUTY . . . WHETHER YOU'RE POWERING FOR 5 SECONDS OR 8 HOURS.
- REE SWITCH AVALLABLE ON MOST MODELS
- AVALLABLE IN EL (FALL SAFEJ OR EU (FAIL SECURE)
- 3 YEAR "NO HASSLE" WARRANTY ISSUES RELIABILITY TO THE OWNER


## FUNCTIONS

STOREROOM (EU) - Latchbolt retracted by key outside or lever inside. Applied power allows Fail Secure outside lever to retract latchbolt. Inside lever is always free for immediate egress. Inside push pad is always free for immediate egress.

STOREROOM (EL) - Latchbolt retracted by key outside or lever inside. Applied power prevents Fail Safe latchbolt from retracting. Inside lever is always free for immediate egress. Inside push pad is always free for immediate egress.

## EXIT TRIM SWITCH OPTIONS

* Most Command Access electrified/modified exit trims are available with an REE (Request to Enter) switch. This switch is a SPDT (single pull, double throw) switch that sends a signal to alert the control panel that the door is about to be opened by someone intending on entering a secured area. This switch must be installed at the factory.


## HOW TO ORDER

FOR MODIFICATION AND COMPLETE TRIM

| PREFIX |
| :---: |
| MD - Modification |

## MODEL + FUNCTION

Select a model number and add
EL (Fail Safe) - Electronically Locked EU (Fail Secure) - Electronically Unlocked

## VOLTAGE

12 or 24 Volts must be specified Motorized = Universal Input 11-30V LE = Universal Input 11-30V

OPTIONAL SWITCHES
REE-Request-to-Enter

FOR COMPLETE TRIM ONLY
TRIM
$\pi$

- Tubular
- Straight
-     - Curved

FINISH (BHMA std)
626 - Satin Chrome
SPECIAL ORDER
613 - Oil Rubbed Bronze 625 - Polished Chrome
KEYWAY
Only ET15/25 have cylinder provided.
Rim Cylinder - "C" Standard
LC - Less Cylinder

## ACCESSORIES

CRU2 - Current Reduction Unit (AC \& DC input)
4 Lead - 4' Wire Lead to switches
10 Lead - 10' Wire lead to switches
QC - Molex Connectors
BR5 - Bridge Rectifier w/ 5' lead

## EXAMPLES

|  | PREFIX | MODEL | FUNCTION | SUFFIX | VOLTAGE | FINISH | KEYWAY | OPTIONS | ACC | COMPLETE PART \# |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Part \# | MD | CR22 | EL | - | 12 | - | - | - | CRU2 | MDCR22 EL CRU2 |
| List \$ | - | \$225 | - | - | - | - | - | - | \$37 | \$262 |

COMPLETE EXIT TRIM

|  | PREFIX | MODEL | FUNCTION | SUFFIX | VOLTAGE | FINISH | KEYWAY | OPTIONS | ACC | COMPLETE PART \# |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Part \# | - | V96 | EU | 06 | - | 626 | - | REE | - | V96 EU 06 24V 626 REE |
| List \$ | - | \$896 | - | - | - | - | - | \$65 | - | \$961 |

## QUICK REFERENCE

| EXIT TRIM | PAGE | EXIT TRIM | PAGE | EXIT TRIM | PAGE |
| :--- | :---: | :---: | :---: | :--- | :---: |
| COMMAND <br> ET15/16 | 22 | FALCON | 24 | SARGENT | 24 |
| COMMMAND <br> ET25/26 | 23 | HAGER | 24 | VON DUPRIN | 24 |
| CAL ROYAL | 24 | PRECISION | 24 | ACCESSORIES | 25 |

## ( $)$ ELECTRIIFIED EXIT TRIM

## COMMAND ACCESS ET15/16 SERIES

Works with Command Access PD15/16, Jackson 1285/95, \& AHT 8000/9000 series

- FIELD REVERSIbLE HANDING
- PERFECT FOR APPLICATIONS WHERE LATCH RETRACTION OF THE EXIT DEVICE'S LATCHBOLT(S) IS COST PROHIBITIVE OR NOT REQUIRED.
- HIGHEST QUALITY MANUFACTURING BUILT TO LAST IN YORBA LINDA, CA
- ELECTRIC LOCKING OR UNLOCKING BY A REMOTE SWITCH
- INTERIOR OR EXTERIOR ENTRANCE (INGRESS) WITH MECHANICAL EXIT DEVICE
- IDEAL WHERE FIRE/LIFE SAFETY CODES REQUIRE A "FAIL SAFE" CONDITION
- STAIRWAY CONDITIONS
- NO NEED FOR EXPENSIVE POWER SUPPLY


## MODELS

- ET15 RIM EU/EL
- ET15 CVR EU/EL

Mechanical

- ET16 RIM
- ET16 CVR
- ET22 ELT
- ET22 SLT
- ET22 PLT
- ET22 DLT

ELECTRIFIED STOREROOM w/ Key Override ELECTRIFIED STOREROOM w/ Key Override

ENTRANCE
ENTRANCE
ENTRANCE
STOREROOM
PASSAGE
DUMMY


L6

628
313

Diameter
$1-3 / 4^{\prime \prime} \times 7-7 / 16^{\prime \prime}$

Complete Example: ET15 RIM EU L6 12V 628


## COMMAND ACCESS ET22 SERIES

Works with Command Access PD21/22 series

| ET22 | 듷 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| PART \# |  | 4 | \% | m | 0 |

ET22 for: Command Access PD21/22 series

| ET22ELT | $\$ 585$ | L6 | $\checkmark$ | - | $\checkmark$ |
| :--- | :---: | :---: | :---: | :---: | :---: |
| ET22SLT | $\$ 585$ | L6 | $\checkmark$ | - | $\checkmark$ |
| ET22PLT | $\$ 555$ | L6 | $\checkmark$ | - | $\checkmark$ |
| ET22DLT | $\$ 555$ | L6 | $\checkmark$ | - | $\checkmark$ |

## COMMAND ACCESS ET25/26 SERIES

Works with Command Access PD25/26, Cal Royal 7700 R/SVR, \& Von Duprin 98/99 R/V series

- FIELD SELECTABLE EU/EL \& FIELD REVERSIBLE HANDING
- PERFECT FOR APPLICATIONS WHERE LATCH RETRACTION OF THE EXIT DEVICE'S LATCHBOLT(S) IS COST PROHIBITIVE OR NOT REQUIRED.
- HIGHEST QUALITY MANUFACTURING BUILT TO LAST IN YORBA LINDA, CA
- ELECTRIC LOCKING OR UNLOCKING BY A REMOTE SWITCH
- INTERIOR OR EXTERIOR ENTRANCE (INGRESS) WITH MECHANICAL EXIT DEVICE
- IDEAL WHERE FIRE/LIFE SAFETY CODES REQUIRE A "FAIL SAFE" CONDITION STAIRWAY CONDITIONS
- NO NEED FOR EXPENSIVE POWER SUPPLY

(4) LOW ENERGY AVAILABLE 11-30V OPTION MODELS FUNCTION LEVERS FINISHES DIMENSIONS
- ET25 EU/EL

Mechanical

- ET26 ELT
- ET26 SLT
- ET26 PLT
- ET26 DLT
- ET26 NPT
- ET26 DPT

ELECTRIFIED STOREROOM w/ Key Override

ENTRANCE LEVER TRIM
STOREROOM LEVER TRIM
PASSAGE LEVER TRIM
DUMMY LEVER TRIM
MECHANICAL NIGHT LATCH PULL TRIM DUMMY PULL TRIM

626

## 5

L6


L17

## COMMAND ACCESS ET25

Specify EU or EL and Handing.

PART \#
ET25/26 for: Von Duprin 98/99 Command Access PD25 Cal-Royal 77

| ET25 EU/EL | \$470 | L6 | L17 | $\checkmark$ | +\$30 | $\checkmark$ | +\$65 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ET25-LE EU/EL | \$540 | L6 | L17 |  | +\$30 |  | +\$65 |
| ET26 ELT | \$280 | L6 | L17 | $\checkmark$ | +\$30 | $\checkmark$ | +\$65 |
| ET26 SLT | \$280 | L6 | L17 | $\checkmark$ | +\$30 | $\checkmark$ | +\$65 |
| ET26 PLT | \$280 | L6 | L17 | $\checkmark$ | +\$30 | - | +\$65 |
| ET26 DLT | \$280 | L6 | L17 | $\checkmark$ | +\$30 | - | - |
| ET26 NPT | \$166 | - | - | $\checkmark$ | +\$30 | $\checkmark$ | - |
| ET26 DPT | \$166 | - | - | $\checkmark$ | +\$30 | - | - |

*IC CORES AVAILABLE - CALL FACTORY

## © |electrified exit trim



## ELECTRIFIED OUTSIDE EXIT TRIMS

Specify EU or EL, Voltage and Handing.

| PART \# | EXIT TRIM | 亳昜 |  |  | 4 | $\stackrel{0}{6}$ |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |


| CR22E U/EL | Cal Royal NESC 2200 R/SVR Series | - | \$225 | - | - | - | - | $\checkmark$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| CR77 EU/EL | Cal Royal NESC 7700 R/SVR Series | - | \$225 | - | - | - | - | $\checkmark$ | +\$65 |
| CR98E U/EL | Cal Royal NESC 9800 R/SVR Series | - | \$225 | - | - | - | - | $\checkmark$ | - |
| FAL581EU/51EL | Falcon 510 Series | - | \$225 | - | - | - | - | $\checkmark$ | +\$65 |
| H45CE EU/EL | Hager 45CE series | - | \$225 | - | - | - | - | $\checkmark$ |  |
| PH49EU/EL* | Precision 4900 Series | - | \$518 | - | - | - | - | - | - |
| SGT700EU/EL | Sargent 713 Series | - | \$265 | - | - | - | - | $\checkmark$ | +\$65 |
| V23EU/EL | Von Duprin 230L Series | \$696 | \$193 | 06 | - | $\checkmark$ | $\checkmark$ | $\checkmark$ |  |
| V36EU/EL* | Von Duprin 360L/BE/T Series | - | \$518 | - | - | - | - | - |  |
| V37EU/EL | Von Duprin 370L Series | - | \$518 | - | - | - | - | $\checkmark$ | - |
| V96EU/EL | Von Duprin 996L R/V \& M Series | \$896 | \$193 | 06 | 17 | $\checkmark$ | $\checkmark$ | $\checkmark$ | +565 |

[^1]
## ACGESSORIES

## NOTES

## ACCESSORIES \& REPLACEMENTS FOR EXIT TRIM

| VDREEKIT-ET | Field installable Request to Enter kit for the Von Duprin 996L Series | \$77 |
| :---: | :---: | :---: |
| SGTREEKIT-ET | Field installable Request to Enter kit for the Sargent 713 Series | \$77 |
| CRU | Current Reduction Unit | \$37 |
| 4' LEAD | Add 4' lead to any switch (per switch) | \$35 |
| 10' LEAD | Add 10' lead to any switch (per switch) | \$36 |
| BR5 | Bridge Rectifier w/ 5' Lead | \$30 |
| QC or CON | 8-pin or 12-pin Molex Connectors added to locking device retrofit ElectroLynx or Allegion Connect | \$28 |
| QC or CON w/ lead | 8-pin or 12-pin Molex Connectors w/3-5' lead added to locking device retrofit ElectroLynx or Allegion Connect | \$48 |
| Door Cord QC or CON | 3-5' Door Cord to connect a QC prepped locking device to the power transfer hinge | \$85 |
| SOL-ET | Exit Trim Lock Replacement Solenoids (Specify brand, EU or EL \& Voltage) - Call Factory to confirm field swap is available | \$88 |
| * Please call to confirm replacement solenoid can be replaced in the field <br> Allegion Connect ${ }^{8}$ is a registered trademark of Allegion ElectroLynx ${ }^{\circledR}$ is a registered trademark of Assa Abloy <br> Micro-Fit 3.0™ Interconnect System available to retrofit common quick connection systems such as ElectroLynx® or Allegion Connect®. |  |  |

# MOTORIZED LATCH RETRACTION <br> THE FASTER, QUIETER, POWER EFFICIENT SOLUTION 



Command Access has applied our continuous improvement mindset to our motorized latch retraction for over ten years, taking our MLRK1 series to a new level that allows for a fast, quiet, smooth, and consistent latch retraction. Each motor assembly is designed specifically for each manufacturer's device, rather than a "one size fits all" approach. Many are available with an optional built-in request to exit switches to save time \& money on the installation.

In addition, we offer our IMPROVED motor module with audible diagnostics \& true electronic dogging \& our patent-pending "PTS" push-to-set technology.

Our motor module will let you know whether your kit is getting over or under-voltage, hits a mechanical obstruction \& more. True electronic dogging is ideal for visually matching mechanical dogging so customers can see whether the door is unlocked or not, reducing mechanical wear \& noisy depression of the push pad when in the open state. If the push pad is pulled from the electronically dogged state, our anti-tampering feature automatically re-engages at set time intervals, reducing service calls. Here is what's great about our "PTS" technology. While we aim to set every exit device correctly at the factory before shipping, we cannot account for every condition of every door opening in the field. Instead of our customers having to make several trips out to a job site to re-adjust an exit device, the device is now adjustable at the door by virtually anyone with a credential. Here's how "PTS" works in three easy steps;

- Step 1 - To enter PTS mode: Depress MM5 button \& apply power. The device will emit 1 SHORT
 beep. The device is now in programming mode.
- Step 2 - while depressing the push pad, activate the device. (i.e. presenting the credential to the reader)
- Step 3-continue to keep pad depressed, the device will emit 1 LONG beep. After the beep has stopped, release the push pad \& now adjustment is complete. If not to your liking repeat the three steps.


## TYPICAL LATCH RETRACTION INSTALLATION FLOW CHART

A typical Command Access latch retraction device installation includes the device, the power transfer, and a power supply. The access control company integrates their card reader and controller to send a signal to the power supply that in turn unlocks the device (see example to the right). More advanced installations additionally incorporate auto operators and palm buttons for ADA/Barrier Free and hospital applications (see page 9 for an installation flow example).

APPLICATIONS INCLUDE:

- Hospital entrances and hallways
- Universities and institutions
- ADA compliance
- Barrier Free compliance


## © ELECTRIIFIED LATCH RETRAGTION KTIS



- UL LISTED
- OPTIONAL REX ADD-ON
- QUICK \& EASY INSTALLS WITH STEP BY STEP VIDEOS TO HELP
- WE'VE TESTED OUR LATCH RETRACTION DEVICES TO OVER A MILLION CYCLES!
- LONG WIRE RUNS WITH 18/2 WIRE TO POWER SUPPLY, SAVES COST.
- LOW CURRENT DRAW - MOTORIZED ~1.0 AMP
- 8' POWER CABLE + MOLEX PIGTAIL QUICK CONNECT
- 3-YEAR "NO HASSLE" WARRANTY ISSUES RELLABILITY TO THE OWNER


## SPECIFICATIONS

MOTORS - Motor driven drive pulls back the exit device latch/latches from the locked position.

- Fast, quiet and smooth operation - You'll feel the difference!
- MM module is compatible with most 24VDC, 1A (or greater) regulated \& filtered power supplies
- Electric dogging - Full push-pad retraction - Quieter operation in electronically dogged state.
- Push to Set "PTS" technology for easy post-installation electronic adjustment.
- Vandal Resistance - If push pad is pulled from open position, motor will re-set itself \& pull back the latch without fail
- Adjustment screw for easy Electronic latchbolt adjusting.
- On-board audible self diagnostics for fast \& easy troubleshooting at the opening.

When retrofitting our MLRK1 kit onto a device over 10 years old , please call factory for compatibility.

## FUNCTIONS

EU (FAIL SECURE) - Exit device latch(es) retracted with switched power allowing for outside access or auto operator integration. Without power, the device and latch(es) are secured (locked). Inside push pad always allows for free egress.

## ( 0 <br> ELECTRIIFIED LATCH RETRACTION KITS

HOW TO ORDER

|  | MODEL | FUNCTION | VOLTAGE | OPTIONS |
| :--- | :---: | :---: | :---: | :---: |
| Part \# | MLRK1-VD | EU | $24 V$ | REX |
| List \$ | $\$ 545$ | - | - | N/C |
| Part \# | MLRK1-AR | EU | $24 V$ | REX |
| List \$ | $\$ 545$ | - | - | $\$ 65$ |



## MOTORIZED LATCH RETRACTION KITS

Kits work on all style devices: RIM, SVR, CVR, \& Mortise.

| PART \# | OLD PART \# | SMOTVR PTS (UL | LIST | $\begin{aligned} & \checkmark \text { or \$ = Available } \\ & ==\text { Not Available } \end{aligned}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | BULLT-IN | REXKIT |
|  |  | EXIT DEVICE |  | ReX | AVAILABLE |
| MLRK1-JAC12 | PD15-UL-M-KIT | Jackson 1285/1295 Series | \$545 | +\$65 | \$77 |
| MLRK1-JAC12 | PD15-UL-M-KIT | Kawneer 1686/1786 Series | \$545 | +\$65 | \$77 |
| MLRK1-KAWP | - | Kawneer Paneline Series | \$575 | +\$65 | \$77 |
| MLRK1-MRK | MLP-UL-M-KIT | Marks M9900 Series | \$545 | +\$65 | \$77 |
| MLRK1-MRK8 | MLP-UL-M-KIT | Marks M8800 Series | \$545 | +\$65 | \$77 |
| MLRK1-PDQ | - | PDQ 6200 Series | \$545 | +\$65 | \$77 |
| MLRK1-PHI | EDLP1-UL-M-KIT | Phlladelphia Hardware 9000 Series | \$545 | +\$65 | \$77 |
| MLRK1-TEL | EDLP1-UL-M-KIT | Tell 9500 Series | \$545 | +\$65 | \$77 |
| MLRK1-TS | EDLP1-UL-M-KIT | Townsteel 1000 Series | \$545 | +\$65 | \$77 |
| MLRK1-SGT | SLP-UL-M-KIT | Sargent 80 Series | \$545 | - | \$77 |
| MLRK1-SQ | - | Stanley QED 100/200 | \$545 | - | \$77 |
| MLRK1-VD22 | VLP22-UL-M-KIT | Von Duprin 22 Series | \$545 | $\checkmark$ | \$77 |
| MLRK1-VD | VLP-UL-M-KIT | Von Duprin 33/35 \& 98/99 Series | \$545 | $\checkmark$ | \$77 |
| MLRK1-COR | CYLP-UL-M-KIT | Yale 7000 Series | \$545 | +\$65 | \$77 |
| MLRK1-YAL6 | - | Yale 6000 Series | \$545 | +\$65 | \$77 |

1. See page 37 for REXKIT's available \& part \#. Order REX Kit separately.

## SOLENOID LATCH RETRACTION KITS

| PART \# | EXIT DEVICE |  | REXKIT |
| :--- | :--- | :--- | :--- |
| ARLP88-KIT | Adams Rite 8800 series | $\$ 220$ | +\$77 |
| VLP-UL-KIT | Von Duprin $33 / 35 \& 98 / 99$ series | $\$ 445$ | $+\$ 77$ |



## 0 <br> ELECTRIIIED LATCH RETRACTION KITS

| QUGK RE트토토븐 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| EXIT DEVICE | CAT NEW PART \# | CAT OLD PART \# | OEM | ACSI | SDC |
| Adams Rite 82/84/86/88 series | MLRK1-AR | ARLP-UL-M-KIT | SE ${ }^{1}$ | - | LR100-ARK |
| Adams Rite Ex series | MLRK1-AREX | EXARLP-UL-M-KIT | - | - | - |
| Arrow 1000 series | MLRK1-ARW | - | - | - | LR1000-AWK |
| Cal Royal 22 \& 98 series | MLRK1-CAL | CRLP98-UL-M-KIT | FLR2298 KIT | - | LR100-CAK-EM |
| Cal Royal 7700 series | MLRK1-CAL77 | CRLP77-UL-M-KIT | FLR7700 KIT | - | LR100-CAK |
| Corbin Russwin 4000/5000 | MLRK1-COR | CYLP-UL-M-KIT | MELR ${ }^{2}$ | 1550K-MDC | LR1000-CRK |
| Design Hardware 1000 | MLRK1-MRK | - | ELR ${ }^{1}$ | 1550K-MDH | LR100-DHK |
| Dorex 9500 Series | MLRK1-DRX | CRLP98-UL-M-KIT | - | - | - |
| Dorma 9000 series | MLRK1-DOR | DLP-UL-M-KIT | MLR ${ }^{1}$ | 1550K-MDD | LR100-DAK |
| Falcon 16/17 series | MLRK1-FAL17 | PD10-UL-M-KIT | $E L^{3}$ | 1550K-MDO | LR100-FAK |
| Falcon 24/25 series | MLRK1-FAL25 | FLP-UL-M-KIT | MELK ${ }^{2}$ | 1500K-MDF | LR100-FRK |
| First Choice 36/37 Series | MLRK1-FAL17 | PD10-UL-M-KIT | MEL3000-1 | 1550K-MDO | LR100-FCK |
| Hager 4500 series | MLRK1-HAG | LLP-UL-M-KIT | MLR | 1550K-MDT | LR100-HK |
| Jackson 1285/1295 | MLRK1-JAC12 | PD15-UL-M-KIT | - | - | - |
| Kawneer 1686/1786 | MLRK1-JAC12 | PD15-UL-M-KIT | MEL ${ }^{1}$ | - | - |
| Kawneer Paneline | MLRK1-KAWP | - | MEL ${ }^{1}$ | - | - |
| Marks M9900 | MLRK1-MRK | MLP-UL-M-KIT | ER ${ }^{1}$ | - | LR100-MDK |
| Marks M8800 | MLRK1-MRK8 | MLP-UL-M-KIT | - | - | - |
| PDQ 6200 series | MLRK1-PDQ | - | 81550K-MDT | - | LR100-PDQK |
| Philadelphia Hardware 9000 series | MLRK1-PHI | EDLP1-UL-M-KIT | N/A | - | - |
| Tell 9500 series | MLRK1-TEL | EDLP1-UL-M-KIT | - | - | LR100-TEK |
| Townsteel 1000 series | MLRK1-TS | EDLP2-UL-M-KIT | ELR ${ }^{3}$ | - | LR100-TSK |
| Sargent 80 series | MLRK1-SGT | SLP-UL-M-KIT | M56 Kit | 1550K-MDS | LR100-SGK |
| Stanley QED 100/200 | MLRK1-SQ | - | $L^{3}$ | - | LR100-K2K |
| Von Duprin 22 series | MLRK1-VD22 | VLP22-UL-M-KIT | - | 1550K-MDV22 | LR100-VD22 |
| Von Duprin 33/35 \& 98/99 series | MLRK1-VD | VLP-UL-M-KIT | QEL KIT | 1550K-MVD | LR100-VDK |
| Yale 7000 Series | MRK1-COR | CYLP-UL-M-KIT | $\mathbf{P}^{3}$ | 1550K-MDC | LR100-YDK |
| Yale 6000 Series | MLRK1-YAL6 | - | P ${ }^{3}$ | - | - |

1. Not available as a field installable kit, Factory modification only.
2. Need to order whole baserail replacement for retrofitting.
3. No motorized latch retraction option, only high in-rush solenoid latch retraction.

## © <br> NOTES

## 0



- STOREFRONT \& ARCHITECTURAL EXIT DEVICES ALLOW FOR REMOTE KEYLESS ACCESS CONTROL IN HIGH OCCUPANCY/HIGH TRAFFIC CONDITIONS
- COMMON APPLICATIONS INCLUDE CONDITIONS SUCH AS HOSPITALS, AIRPORTS, SCHOOLS, CHURCHES, AND AUTOMATIC DOOR OPERATORS
- WE STOCK MANY TYPES OF COMMAND ACCESS \& OTHER MANUFACTURER'S EXIT DEVICES.
- 3-YEAR "NO HASSLE" WARRANTY ISSUES RELIABILITY TO THE OWNER


## SPECIFICATIONS

MOTORS - Motor driven drive pulls back the exit device latch/latches from the locked position.

- Fast, quiet and smooth operation - You'll feel the difference
- MM module is compatible with most 24VDC, 1A (or greater) regulated \& filtered power supplies
- Electric dogging - Full push-pad retraction
- "PTS" Electronic adjustment for latchbolt travel.
- If push pad is pulled from open position, motor will re-set itself \& pull back the latch without fail
- Adjustment screw for easy Electronic latchbolt adjusting.
- On-board audible self diagnostics for fast \& easy troubleshooting at the opening.

SOLENOIDS - Solenoid driven drive pulls back the exit device latch/latches from the locked position.

- Extended duration latch pullback capability for "continuously on conditions"
- Up to 500' wire run with $18 / 2$ wire to power supply, saves cost.


## TYPES

RIM - Rim type exit device with surface mounted push pad and one point latching.
SVR - Surface Vertical Rod type exit device with surface mounted push pad and two-point latching.

CVR - Concealed Vertical Rod type exit device with surface mounted push pad and two-point locking.

## FUNCTIONS

LPEU (FAIL SECURE) - Exit device latch(es) retracted with switched power allowing for outside access or auto operator integration. Without power, the device and latch(es) are secured (locked). Inside push pad always allows for free egress.

## HOW TO ORDER

FOR MODIFICATION AND COMPLETE DEVICE

## PREFIX

MD - Modification

## MODEL + FUNCTION

Select a model number and add EU (Fail Secure)

- Electronically Unlocked only


## VOLTAGE

24 Volts
12 Volts - Adams Rite 88 \& PD18-RIM ONLY
OPTIONAL SWITCHES
REX - Request-to-Exit
LBM - Latchbolt Monitor

FOR COMPLETE DEVICE ONLY

## SIZE (Width of device)

$36-36$ " wide device
42-42" wide device
$48-48$ " wide device

## FINISH

architectural
626 - Satin Chrome
613 - Oil Rubbed Bronze

STOREFRONT
628 - Aluminum
313 - Duronatic

## ACCESSORIES

3' Lead - 3' Wire Lead w/ connector(s)
4' Lead - 4' Wire Lead w/ connector(s)
QC - Molex Connectors

## EXAMPLES

KEY: MD = MODIFICATION
M = MOTOR DRIVEN
MODIFICATION ONLY - SOLENOID DRIVEN

|  | PREFIX | MODEL | SUFFIX | FUNCTION | VOLTAGE | SIZE | FINISH | OPTIONS | COMPLETE PART \# |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Part \# | MD | MDARLP86 | - | EU | 24V | - | - | REX | MDARLP86-EU-24V REX |
| List \$ | - | \$440 | - | - | - | - | - | \$65 | \$505 |

COMPLETE MOTOR DRIVEN DEVICE

|  | PREFIX | MODEL | SUFFIX | FUNCTION | VOLTAGE | SIZE | FINISH | OPTIONS |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Part \# | - | PD25 | M | EU | $24 V$ | 36 | 626 | REX |
| List \$ | - | $\$ 1192$ | - | - | - | - | - | $\$ 6$ |

## QUICK REFERENCE

| EXIT DEVICE | PAGE | EXIT DEVICE | PAGE | EXIT DEVICE | PAGE |
| :--- | :---: | :--- | :---: | :--- | :---: |
| COMMAND <br> PD10/11 | 34 | COMMAND <br> PD22/23 | 35 | ACCESSORIES | 37 |
| COMMAND <br> PD15/16 | 34 | COMMAND <br> PD25/26 | 35 |  |  |
| COMMAND <br> PD18/19 | 34 | ADAMS RITE 86 | 36 |  |  |
| www.commandaccess.com \| US Customer Support 888.622 2377 |  |  |  |  |  |

## © ELECTRIFIED EXIT DEVICES

## COMMAND ACCESS STOREFRONT SERIES

The Command Access PD10, PD15, \& PD18 storefront exit devices our high quality, cost effective solutions for new and retrofit storefront applications. As a retrofit solution, both devices easily convert other manufacturers installation to a Command Access latch pullback application. We recommend hardware be removed and replaced with new hardware utilizing existing holes' when selling device.

COMMAND ACCESS COMPLETE dEvices
PD10 / PD11
PD10 / PD11 Series retrofits Doromatic 1600/1700 \& First Choice 3600/3700.

| PART \# | FUNCTION | LIST \$ | 36" | *42" | 48' | ALUM | DURO | REX | LBM |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| PD10-M-RIM | Motorized Latch Retraction (EU) | \$835 | $\checkmark$ | +\$64 | +\$30 | $\checkmark$ | +\$21 | +\$65 | +\$65 |
| PD10-M-CVR | Motorized Latch Retraction (EU) | \$868 | $\checkmark$ | +\$64 | +\$30 | $\checkmark$ | +\$21 | +\$65 | - |
| PD11-RIM | Mechanical RIM Device | \$454 | $\checkmark$ | +\$64 | +\$30 | $\checkmark$ | +\$21 | +\$65 | +\$65 |
| PD11-CVR | Mechanical CVR Device | \$488 | $\checkmark$ | +\$64 | +\$30 | $\checkmark$ | +\$21 | +\$65 | - |

*48" Device mechanics can be relocated at factory for 42" or speciality size for field cut down.

COMMAND ACCESS
PD15 / PD16

COMPLETE DEVICE
PD15 / PD16 retrofits Jackson 1200 \& AHT 8000/9000.
Please Specify Handing for CVR.

| PART \# | FUNCTION | LIST \$ | 36" | 421** | 48" | ALUM | DURO | REX | LBM |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| PD15-M-RIM | Motorized Latch Retraction (EU) | \$820 | $\checkmark$ | - | +\$30 | $\checkmark$ | $\checkmark$ | +\$65 | - |
| PD15-M-CVR | Motorized Latch Retraction (EU) | \$967 | $\checkmark$ | - | +\$30 | $\checkmark$ | $\checkmark$ | +\$65 | - |
| PD16-RIM | Mechanical RIM Device | \$443 | $\checkmark$ | - | +\$30 | $\checkmark$ | $\checkmark$ | +\$65 | - |
| PD16-CVR | Mechanical CVR Device | \$464 | $\checkmark$ | - | +\$30 | $\checkmark$ | $\checkmark$ | +\$65 | - |

${ }^{*} 48$ " Device mechanics can be cut down to 42 " in the field.

## COMMAND ACCESS <br> PD18 / PD19

COMPLETE DEVICE
PD18 / PD19 retrofits Adams Rite 8800 \& 8600 series.

| Part \# | Eunction | Lsts | 36" | $4{ }^{4}$ | 48" | alum | DURO | REX | LBM |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| PD18-RIM* | Solenoid Latch Retraction (EU) | \$625 | $\checkmark$ | - | +\$30 | $\checkmark$ | $\checkmark$ | +\$65 | - |
| PD18-CVR | Solenoid Latch Retraction (EU) | \$892 | $\checkmark$ | - | +\$30 | $\checkmark$ | $\checkmark$ | +\$65 | - |
| PD18-M-RIM | Motorized Latch Retraction (EU) | \$870 | $\checkmark$ | - | +\$30 | $\checkmark$ | $\checkmark$ | +\$65 |  |
| PD18-M-CVR | Motorized Latch Retraction (EU) | \$941 | $\checkmark$ | - | +\$30 | $\checkmark$ | $\checkmark$ | +\$65 |  |
| PD19-RIM | Mechanical RIM Device | \$425 | $\checkmark$ | - | +\$30 | $\checkmark$ | $\checkmark$ | +\$65 | - |
| PD19-CVR | Mechanical CVR Device | \$470 | $\checkmark$ | - | +\$30 | $\checkmark$ | $\checkmark$ | +\$65 | - |

## COMMAND ACCESS ARCHITECTURAL SERIES

The Command Access PD20 architectural exit device series is a high quality, grade 1 solution for new and retrofit applications. This device is offered in numerous designs in 626 finish. As a retrofit solution, the PD25 standard template retrofits over Von Duprin 98/99 series \& PD21 retrofits over the Von Duprin 33/35 series. In addition, the majority of the typical architectural devices on the market. If you need latch retraction in an architectural exit device application, the PD20 series offers a high quality and aesthetically pleasing design in a low cost package.


- Extension Rods List \$95 for doors up to 10'

COMMAND ACCESS
COMPLETE DEVICE
PD25/26
PD25 / PD26 Series retrofits Cal Royal 7700 \& Von Duprin 98/99 RIM \& SVR.

| PART \# | FUNCTION | LIST \$ | 36" | 42" | 48" | 626 | 613 | $\begin{aligned} & \text { FIRE } \\ & \text { RATED } \end{aligned}$ | REX | LBM |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| PD25-M-RIM | Motorized Latch Retraction (EU) | \$1192 | $\checkmark$ | - | +\$40 | $\checkmark$ | +\$75 | +\$283 | +\$65 | +\$65 |
| PD25-M-SVR | Motorized Latch Retraction (EU) | \$1578 | $\checkmark$ | - | +\$40 | $\checkmark$ | +\$75 | +\$283 | +\$65 | - |
| PD26-RIM | Mechanical RIM Device | \$692 | $\checkmark$ | - | +\$40 | $\checkmark$ | +\$75 | +\$283 | +\$65 | +\$65 |
| PD26-SVR | Mechanical SVR Device | \$1083 | $\checkmark$ | - | +\$40 | $\checkmark$ | +\$75 | +\$283 | +\$65 | - |

* Add suffix (F) for Fire Rated.
- Auxiliary Fire Bolt List \$95
- Extension Rods List \$95


## ( ELECTRIFIED EXIT DEVICES

ADAMS RITE MODIFICATION (Customer's Adams Rite 8000 Series Devices)
Maintains factory dogging ability.

| PART \# | FUNCTION | LIST \$ | REX | LBM | $\checkmark$ or \$ = Available = = Not Available |
| :---: | :---: | :---: | :---: | :---: | :---: |
| MDARLP82 | Solenoid Latch Retraction (EU) | \$440 | +\$65 | - |  |
| MDARLP84 | Solenoid Latch Retraction (EU) | \$440 | +\$65 | - |  |
| MDARLP86 | Solenoid Latch Retraction (EU) | \$440 | +\$65 | - |  |
| MDARLP88* | Solenoid Latch Retraction (EU) | \$250 | +\$65 | - |  |

*Available in 12 V or 24 V . Please specify when ordering

## ACCESSORIES \& REPLACEMENT FOR EXIT DEVICES

| PART \# | FUNCTION | LIST \$ |
| :---: | :---: | :---: |
| 8' Lead | 8' Power Lead for Exit Devices | \$35 |
| 10' LEAD | Add 10' lead to any switch (per switch) | \$36 |
| QC or CON | 8-pin or 12-pin Molex Connectors added to locking device retrofit ElectroLynx or Allegion Connect | \$28 |
| QC or CON w/ lead | 8-pin or 12-pin Molex Connectors w/3-5' lead added to locking device retrofit ElectroLynx or Allegion Connect | \$48 |
| Door Cord QC or CON | 3-5' Door Cord to connect a QC prepped locking device to the power transfer hinge | \$85 |
| S0L-LP1 | Replacement Solenoid Assembly for Electrified Latch Retraction - Single Coil | \$132 |
| SOL-LP2 | Replacement Solenoid Assembly for Electrified Latch Retraction - Dual Coil | \$132 |
| SOL-LP3 | Replacement Solenoid Assembly for Electrified Latch Retraction - Single Coil (12EU ARLP88) | \$132 |
| SOL-LP4 | Replacement Solenoid Assembly for Electrified Latch Retraction - Two-Solenoid Assembly | \$220 |
| SOL-LP5 | Replacement Solenoid Assembly for Electrified Latch Retraction - Single Coil (24EU ARLP88) | \$132 |

NOTES* See website for specific applications. ElectroLynx® is a registered trademark of Assa Abloy
ElectroLynx $®$ is a registered trademark of Assa Abloy
Allegion Connect $®$ is a registered trademark of Allegion
Micro-Fit 3.0 ${ }^{\text {TM }}$ Interconnect System available to retrofit common quick connection systems such as ElectroLynx® or Allegion Connect $®$.

## EXIT DEVICE SWITCH OPTIONS

Command Access offers a variety of factory and field installable exit device monitoring switches. Each mechanical switch is SPDT (single pull, double throw) and capable of $.5 \mathrm{amp} @ 24$ volts. Common applications employ these switches to monitor egress and device positioning to ensure the most secure assembly possible.

REX - Request to Exit switch - sends a signal to alert the control panel that the door is about to be opened by someone intending to exit from within the secured area. Field Installable REX (Request to Exit ) switch kits are available for a variety of exit devices.

LBM - Latchbolt Monitor switch - sends a signal to the control panel to monitor the position of the latchbolt. Field Installable LBM (Latchbolt monitor ) switch kits are available for exit devices.

## EXIT DEVICE SWITCH OPTIONS

PART \#

| REX | Add Request to Exit Switch to device | LIST \$ |
| :--- | :--- | :---: |
| LBM | Add Latchbolt Monitor Switch to device | $\$ 65$ |
| REX2 | Add Double Request to Exit Switch to device | $\$ 65$ |

* Call Factory for specific device availability


## SWITCH FIELD KITS FOR EXIT DEVICES



| 츷 든 $\theta$商 |  | 플 응 응 응 ふ |  |
| :---: | :---: | :---: | :---: |


| ARREXKIT-ED | Field Installable Request to Exit Kit for Adams Rite 8000 Series | \$77 | $\checkmark$ | $\checkmark$ | - |
| :---: | :---: | :---: | :---: | :---: | :---: |
| ARREXKIT2-ED | Field Installable Double Request to Exit Kit for Adams Rite 8000 Series | \$147 | $\checkmark$ | $\checkmark$ | - |
| ARREXKIT-M-ED | Field Installable Request to Exit Kit for MRLK1 Adams Rite Series | \$77 | - | - | $\checkmark$ |
| CRSREXKIT-ED | Field Installable Request to Exit Kit for Cal Royal 22/98 \& Sargent 80 Series | \$77 | $\checkmark$ | - | $\checkmark$ |
| CYREXKIT-ED | Field Installable Request to Exit Kit for Corbin 4/5000 \& Yale 7000 Series | \$77 | $\checkmark$ | - | - |
| CYREXKIT-M-ED | Field Installable Request to Exit Kit for MRLK1 Corbin \& Yale Series | \$77 | - | - | $\checkmark$ |
| ED1REXKIT-M-ED | Field Installable Request to Exit Kit for MRLK1 Philadelphia \& Tell Series | \$77 | - | - | $\checkmark$ |
| ED2REXKIT-M-ED | Field Installable Request to Exit Kit for MRLK1 Series LSDA9200, USCAN2100, \& Townsteel 1000 Series | \$77 | - | - | $\checkmark$ |
| DORREXKIT-ED | Field Installable Request to Exit Kit for Dorma 9000 series | \$77 | $\checkmark$ | $\checkmark$ | $\checkmark$ |
| MDHREXKIT-M-ED | Field Installable Request to Exit Kit for MRLK1 Marks M9900/8800 Series- MRLK1-MRK/DH Series | \$77 | - | - | $\checkmark$ |
| LLPREXKIT-M-ED | Field Installable Request to Exit Kit for MRLK1-Hager, LSDA9000, Lawrence, PDQ Series | \$77 | - | - | $\checkmark$ |
| PD10REXKIT-ED | Field Installable Request to Exit Kit for Falcon 16/17 \& First Choice 36/37 Series | \$77 | $\checkmark$ | $\checkmark$ | $\checkmark$ |
| PD10REXKIT-M-ED | Field Installable Request to Exit Kit for MRLK1 Falcon \& First Choice Series | \$77 | - | - | $\checkmark$ |
| PD15REXKIT-ED | Field Installable Request to Exit Kit for Jackson 1285/95 \& Kawneer 16/17 Series | \$77 | $\checkmark$ | - | - |
| PD15REXKIT-M-ED | Field Installable Request to Exit Kit for MRLK1 Jackson \& Kawneer Series - | \$77 | $\checkmark$ | - | $\checkmark$ |
| PD25REXKIT-ED | Field Installable Request to Exit Kit for PD25/26 \& Cal Royal 7700 Series | \$77 | $\checkmark$ | - | $\checkmark$ |
| PREREXKIT-ED | Field Installable Request to Exit Kit for Precision 2000 Series | \$77 | $\checkmark$ | $\checkmark$ | - |
| VDREXKIT-ED | Field Installable Request to Exit Kit for Von Duprin 99/98 \& 35/33 Series | \$77 | $\checkmark$ | $\checkmark$ | $\checkmark$ |
| VDREXKIT-LC-ED | Field Installable Low Energy Request to Exit Kit for Von Duprin 99/98 \& 35/33 Series | \$88 | $\checkmark$ | $\checkmark$ | $\checkmark$ |
| VDREXKIT2-ED | Field Installable Double Request to Exit Kit for Von Duprin 99/98 \& 35/33 Series | \$147 | $\checkmark$ | $\checkmark$ | $\checkmark$ |
| VDLBMKIT-ED | Field Installable Latchbolt Monitor Kit for Von Duprin 99/98 \& 35/33 Series | \$88 | $\checkmark$ | $\checkmark$ | $\checkmark$ |
| YALGREXKIT-M-ED | Field Installable Request to Exit Kit for MRLK1 Yale 6000 Series- MRLK1-YAL6 Series | \$77 | - | - | $\checkmark$ |

## (1) MODULES \& ACGESSORIES

## PM300

PM300: Works with filtered \& regulated power supplies.
PM300D: Built-in .5 second delay, works with filtered \& regulated power supplies.
PM300AC: Works with unfiltered \&/or unregulated power supplies.
PM300ACD: Built-in .5 second delay, works with unfiltered \&/or unregulated power supplies.

- PATENTED POWER BOOSTER MODULE PROVIDES LOCAL POWER BOOST TO SOLENOID DRIVEN LATCH PULLBACK DEVICES
- INCREASES WIRE RUNS UP TO 700' ON 2-18GA WIRES
- GIVES ANAEMIC POWER SUPPLY/EXIT DEVICE A BOOST - EXTENDING THE LIFE OF THE OPENING!
- WORKS WITH MOST 1.5A POWER SUPPLIES - ELIMINATES THE NEED FOR A EXPENSIVE "SPECIALITY" POWER SUPPLY
- PLUG \& PLAY REPLACEMENT FOR THE VD POTTED CIRCUIT BREAKER


## CRU2

- INCREASED SOLENOID LIFE
- IMPROVED EFFICIENCY FOR CONTINUOUS DUTY APPLICATIONS
- SOLVES "WARM" LEVERS ON EL (FAIL SAFE) OPENINGS

- SIGNIFICANT ENERGY \$\$ SAVINGS WHEN USED ON CONTINUOUS DUTY APPLICATIONS
- HIGH FREQUENCY PULSE SENT TO ENSURES NO SOLENOID DROPOUT


## POD MODULE

- DELAY MODULE WITH ADJUSTABLE DELAY .5-5 SECONDS
- GREAT FOR DELAY ACTIVATION OF ANY MOTORIZED KITS, MORTISE \& CYLINDRICAL LOCKS, \& EXIT TRIMS
- IDEAL FOR LATCH RETRACTION VESTIBULE SITUATIONS OR DOUBLE DOOR SCENARIOS WITH LIMITED POWER


## VC SERIES

- VC3024 CONVERTS 30VDC TO OUTPUT 24VDC
- VC2412 CONVERTS 24VDC TO OUTPUT 12VDC
- EURO CONNECTOR ON OUTPUT SIDE - EASY INSTALL

- MAY ELIMINATE NEED FOR ADDITIONAL POWER SOURCES
- POWERS LOCKING DEVICES, PRI'S, CARD READERS, CAMERAS \& MORE


## CAT-AIR-REX

The CAT AIR REX uses focused active infrared to provide the most accurate detection of someone exiting a secured area. AIR-REX focuses right on the door handle solving the issues experienced with standard PIR's: hot air, background objects, \& cross traffic.

- ADJUSTABLE .5-60 SECOND TIME DELAY - ADJUSTABLE DETECTION FROM 20-48"
- BUILT-IN SOUNDER TO WORK IN CONJUNCTION WITH DOOR POSITION
- MULTIPLE RE-LOCKING MODES FOR TIMED OR DOOR POSITION CONDITIONS
- 3 DRY CONTACT INPUTS FOR REX, CARD READER, \& PUSH BUTTON
- OUTPUT SINGLE POLE DOUBLE THROW - LED INDICATORS


## IDPS SERIES

The IDPS series are independent recessed door contacts for high security applications.
IDPS-1: 3/4" Diameter standard door contact
IDPS-2 : 1" Diameter fo high security applications
IDPSC-1 : 4-7/8" for vandal resistance applications

- SINGLE POLE DOUBLE THROW SWITCHES - RARE EARTH MAGNETS
- IDPS1/2: AVAILABLE IN WHITE \& BROWN
- IDPSC-1: BRUSHED STAINLESS STEEL, CORROSION RESISTANT
- SELF LOCKING INTO STEEL \& WOOD


## DTC SERIES DESK TOP CONSOLES

- AN EFFICIENT METHOD OF CONTROLLING 1-4 ZONES
- EACH ZONE OFFERS TWO RELAYS (1-MOMENTARY, 1-MAINTAINED) THAT CAN BE WIRED TO WORK INDEPENDENTLY OR TOGETHER
- THERE ARE STATUS LEDS THAT CAN TO ILLUMINATE CONFIGURED FOR GREEN (CLOSED AND SECURE), RED (UNAUTHORIZED OPEN) AND YELLOW (AUTHORIZED UNLOCKED/OPEN


## VD2

- VD2-873 RETROFIT BOARD FOR DISCONTINUED VD873 RELAY BOARD (871-2 CARD)
- VD2-914 RETROFIT BOARD FOR DISCONTINUED VD873 RELAY BOARD (2RS CARD)
- MOUNTS UP TO EXISTING SCREW HOLES - NO NEED TO PURCHASE A WHOLE NEW POWER SUPPLY
- EURO CONNECTOR FOR EASY WIRING VS SCREW TERMINALS


## DS1 SERIES

- 13 PROGRAMMABLE FUNCTIONS INCLUDING: SEQUENCING MODES, TIMER FUNCTIONS, AND TELEPHONE ENTRY SYSTEMS


DS1-X

- 3 ADJUSTABLE TIMER RELAYS, UP TO 60 SECONDS MAXIMUM
- TWO 3-AMP AND ONE 1-AMP RELAYS, ALL WITH BUILT-IN SURGE SUPPRESSION
- SPDT CONTACTS RATED AT 3 AMPS @ 30VDC
- IDEAL FOR LATCH PULLBACKS ON AUTO OPERATOR OPENINGS \& PRIVACY RESTROOM APPLICATIONS
- EASY PUSH BUTTON ADJUSTMENTS
- LEDS FOR VISUAL RELAY CONFIRMATION -ACCEPTS WET OR DRY INPUTS

- BI-DIRECTIONAL SEQUENCING MODE - 3 ADJUSTABLE DELAYS, UP TO 30 SECONDS MAXIMUM
- IDEAL FOR LATCH PULLBACKS ON AUTO OPERATOR OPENINGS -EASY


## DS1+ POTENTIOMETER ADJUSTMENTS

- ACCEPTS WET OR DRY INPUTS - SPDT CONTACTS RATED AT 3 AMPS @ 30VDC
- LED'S FOR VISUAL RELAY CONFIRMATION -INPUT FOR CONNECTION FOR TELEPHONE ENTRY SYSTEM


## FIELD TESTER - PORTABLE POWER SUPPLY

- LIGHT WEIGHT FIELD TESTER FOR ALL ELECTRIFIED HARDWARE
- GREAT FOR TESTING NEW INSTALLATIONS OR TROUBLESHOOTING PROBLEMATIC OPENINGS
- CORDLESS - NO NEED TO FIND AN OUTLET OR CARRY AN EXTENSION CORD
- ADJuStable 11-28 VdC to test all products regardless of voltage
- BUILT-IN CONTINUITY TESTER WITH BEEPER \& LED
- WORKS WITH DEWALT, MAKITA, \& MILWAUKEE BATTERIES



SEE IT IN ACTION!

## 2-WIRE TOUCHLESS ACTUATOR MODULE

- THE 2 WIRE RETROFIT IS IDEAL WHEN UPGRADING A HARDWIRED MECHANICAL ACTUATOR WITH 2 WIRES TO TOUCHLESS SWITCH.
- ALLOWS YOU TO RUN POWER \& SIGNAL OVER 2 WIRES. INSTALLS IN-LINE \& PROVIDES A DRY CONTACT TRIGGER FOR THE AUTO-OPERATOR
- GREAT ALTERNATIVE TO A WIRELESS RECEIVER + TRANSMITTER COMBO. THE 2WRB IS MORE COST-EFFECTIVE, ALLOWING YOU TO RUN POWER \& SIGNAL OVER 2 WIRES. INSTALLS IN-LINE \& PROVIDES A DRY CONTACT TRIGGER FOR THE AUTO-OPERATOR.



## TOUCHLESS ACTUATORS

- 12-30VDC/AC - SPDT
- SENSOR DETECTION RANGE UP TO 0"-5"
- PLATE SCREENED "WAVE TO OPEN" OR " WAVE TO LOCK"
- TIME DELAY SETTABLE FOR . 5 TO 30 SECONDS
- BI-COLOR HALO LED STATUS INDICATORS


## POWER MODULES \& ACCESSORIES

| CAT FT | COMPLETE FIELD TESTER, specify battery (DeWalt, Makita, Milwaukee) | $\mathbf{\$ 2 2 0}$ |
| :--- | :--- | :---: |
| CAT FT ATTACHMENT | Replacement Battery Attachment, specify battery (DeWalt, Makita, Milwaukee) | $\mathbf{\$ 3 0}$ |
| CAT FT Dist Pack | 15 - Field Tester Distributor Pack (Specify attachments) | $\mathbf{\$ 3 1 5 0}$ |
| PM300 | Power Module for Solenoids powered by DC Power sources | $\mathbf{\$ 2 0 5}$ |
| PM300-D | Power Module for Solenoids powered by DC Power sources w/ built-in .5 second delay | $\mathbf{\$ 2 0 5}$ |
| PM300-AC | Power Module for Solenoids powered by AC Power sources | $\mathbf{\$ 2 0 5}$ |
| PM300-ACD | Power Module for Solenoids powered by AC Power sources w/ built-in .5 second delay | $\mathbf{\$ 2 0 5}$ |
| MM Module | Replacement Motor Module (Specify device when ordering) | $\mathbf{\$ 1 6 5}$ |
| CRU | Current Reduction Unit for solenoid powered Mortise \& Cylindrical locks, Strikes \& Exit Trim | $\mathbf{\$ 3 7}$ |
| VC Series | Voltage Converter 30VDC to 24VDC or Voltage Converter 24VDC to 12VDC - Specifiy | $\mathbf{\$ 4 4}$ |
| DS1+ | Door Sequencer | $\mathbf{\$ 1 7 1}$ |
| DS1-X | Door Sequencer | $\mathbf{\$ 1 9 5}$ |
| CAT-AIR-REX | Active Infrared Request to Exit | $\mathbf{\$ 2 2 6}$ |
| IDPS1 | Independent DPS switch installs in frame \& alum (wood, hollow metal, \& FRP) | $\mathbf{\$ 3 1}$ |
| IDPS2 | Independent High Security DPS switch installs in frame \& alum (wood, hollow metal, \& FRP) | $\mathbf{\$ 4 1}$ |
| IDPSSC-1 | Vandal Resistance Independent Concealed Magnetic Contact switch DPS switch installs in frame \& alum (wood, hollow metal, \&FRP) | $\mathbf{\$ 8 7}$ |
| CAT-IVES-DP2 | IVES Dust Proof Strike w/ Internal DPS | $\mathbf{\$ 1 5 0}$ |
| POD | Power On Delay Module | $\mathbf{\$ 1 9 5}$ |
| TA1 Series | Touchless acuators with LEDS \& mechanical override | $\mathbf{6 5}$ |
| 2WM | 2-Wire Touchless Acuator Retrofit Module | $\mathbf{\$ 2 2 0}$ |
| RB1 | Remote Buzzer Single Gang | $\mathbf{\$ 2 1 5}$ |
| RB1-NS | Remote Buzzer Narrow Stile | $\mathbf{\$ 6 1}$ |
| DTC M0MA2 | Remote 2 Door Desktop Console | $\mathbf{\$ 6 1}$ |
| DTC M0MA4 | Remote 4 Door Desktop Console | $\mathbf{\$ 5 8 0}$ |
| DTC M0MA8 | Remote 8 Door Desktop Console | $\mathbf{\$ 8 0 0}$ |
| VD2 Series | Replat Relay Board for Von Duprin PS873 (871-2 board) or PS914 (2RS board) - Specifiy |  |

## () | POWER SUPPLIES

## COMMAND ACCESS LOCKING HARDWARE POWER SUPPLY SERIES



- BUILT TO RUN LOCKING HARDWARE - MOTORIZED/SOLENOID LP DEVICES, CYLINDRICAL/MORTISE LOCKS, \& EXIT TRIM.
- ROBUST SOLID-STATE OUTPUTS - PROTECTS SYSTEM RELAYS
- INTERRUPTION FREE BATTERY-BACK UP
- LINEAR DESIGN ENSURES AMPLE IN-RUSH \& HOLD CURRENT FOR

SEE IT IN ACTION LATCH PULLBACK APPLICATIONS

- DOOR MOUNTED LED POWER INDICATOR
- REMOVABLE EURO CONNECTORS -EASY WIRING FOR THE INSTALLER
- BUILT TO LAST IN THE USA


## POWER SUPPLIES

FOR ALL LATCH PULLBACK/EXIT DEVICES

| PS210 | 1.5A, 24V regulated PS w/boost circuitry for up to (2) electric latch pullback devices. Includes (1) solid state <br> input/output | $\mathbf{\$ 2 7 5}$ |
| :--- | :--- | :---: |
| PS220 | 2A, 24V regulated PS w/boost circuitry for up to (2) electric latch pullback devices. Includes (2) solid state <br> inputs/outputs and a fire alarm link. (1) 24VDC Power Tap | $\mathbf{\$ 3 4 2}$ |
| PS220B | 2A, 24V regulated PS w/boast circuitry for up to (2) electric latch pullback devices. Includes (2) solid state <br> inputs/outputs, battery charging circuit, and a fire alarm link. (1) 24VDC Power Tap. Battery Back-up | $\mathbf{\$ 4 0 4}$ |
| PS440B | 4A, 24V regulated PS w/boust circuitry is capable of powering up to (4) electric latch pullback devices. <br> Includes (4) solid state inputs/outputs, battery charging circuit, and a fire alarm link. Battery Back-up | $\mathbf{\$ 4 4 6}$ |
| PS480B | 4A, 24V regulated PS w/boost circuitry for up to (8) electric latch pullback devices. Includes (8) solid state <br> inputs/outputs, battery charging circuit, and a fire alarm link. Battery Back-up | $\mathbf{\$ 4 8 9}$ |

## POWER SUPPLIES

FOR MOTORIZED LATCH RETRACTION, MORTISE/CYLINDRICAL LOCK, \& EXIT TRIM

| PS202 | 2A, 24V regulated PS w/boost circuitry for up to (2) Motorized electric latch pullback devices. Includes (2) <br> solid state inputs/outputs, and a fire alarm link | $\mathbf{\$ 2 5 8}$ |
| :--- | :--- | :---: |
| PS202B | 2A, 24V regulated PS w/boost circuitry for up to (2) Motorized electric latch pullback devices. Includes (2) <br> solid state inputs/outputs, and a fire alarm link. Battery Back-up | $\mathbf{\$ 3 2 0}$ |
| PS204 | 2A, 24V regulated PS w/boost circuitry for up to (4) Motorized electric latch pullback devices. Includes (4) <br> solid state inputs/outputs, and a fire alarm link | $\mathbf{\$ 3 0 2}$ |
| PS204B | 2A, 24V regulated PS w/boost circuitry for up to (4) MotorizED electric latch pullback devices. Includes (4) <br> solid state inputs/outputs, and a fire alarm link. Battery Back-up | $\mathbf{\$ 3 6 5}$ |

## POWER SUPPLY MATRIX

| $\begin{aligned} & \text { U } \\ & \text { 岕 } \\ & \text { 岂 } \\ & \text { in } \end{aligned}$ |  |  | 告 | 告 |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| PS210 | 1.5 | 2.5 | 1 | 1 | － | $\checkmark$ | － | 2 | 2 | 2 | S |
| PS220 | 2 | 3 | 2 | 2 | － | $\checkmark$ | $\checkmark$ | 2 | 2 | 2 | S |
| PS220B | 2 | 3 | 2 | 2 | $\checkmark$ | $\checkmark$ | $\checkmark$ | 2 | 2 | 2 | L |
| PS440B | 4 | 6 | 4 | 4 | $\checkmark$ | $\checkmark$ | － | 4 | 4 | 4 | L |
| PS480B | 4 | 6 | 8 | 8 | $\checkmark$ | $\checkmark$ | － | 8 | 8 | 8 | L |
| PS202 | 2 | 3 | 2 | 2 | － | $\checkmark$ | － | 2 | 2 | － | S |
| PS202B | 2 | 3 | 2 | 2 | $\checkmark$ | $\checkmark$ | － | 2 | 2 | － | L |
| PS204 | 2 | 3 | 4 | 4 | － | $\checkmark$ | － | 4 | 4 | － | S |
| PS204B | 2 | 3 | 4 | 4 | $\checkmark$ | $\checkmark$ | － | 4 | 4 | － | L |

## POWER SUPPLIES \＆AUXILIARY BOARDS

| PS1－BO | Board Only to replace PS1－1A，24V regulated power supply w／boost circuitry for up to（2）electric latch pullback devices．Includes（1） <br> solid state input／output | $\mathbf{\$ 2 2 0}$ |
| :--- | :--- | :---: |
| PS－OP－2 | Replacement Relay Board for PS202／202B／220／220B（Specify Series） | $\mathbf{\$ 1 8 7}$ |
| PS－OP－4 | Replacement Relay Board for PS204／204B／440B（Specify Series） | $\mathbf{\$ 1 9 7}$ |
| PS－OP－8 | Replacement Relay Board for PS480B | $\mathbf{\$ 2 0 7}$ |
| SW3 | 2．4A 27VDC regulated power supply w／（3）non－fused outputs for electric strikes，mortise locks and cylindrical locks．＊＊NOT UL LISTED＊＊ | $\mathbf{\$ 1 8 0}$ |
| VD2－873 | Replacement Relay Board for Von Duprin PS873（871－2 board） | $\mathbf{\$ 1 9 5}$ |
| VD2－914 | Replacement Relay Board for Von Duprin PS914（2RS board） | $\mathbf{\$ 1 9 5}$ |
| DS1＋ | Command Access delay／sequencer board for auto operator integration and door sequencing． | $\mathbf{\$ 1 7 1}$ |
| DS1－X | Command Access delay／sequencer board for auto operator integration and door sequencing． | $\mathbf{\$ 1 9 5}$ |
| BB12V7 | Set of（2）12VDC 7AH Batteries for Power Supplies with Battery Back－Up | $\mathbf{\$ 1 6 0}$ |

## 0 Power transfer hinges



- 4' LEAD STANDARD - LESS POINTS OF FAILURE
- UL-F RATED \& ACCEPTED IN THE "PERFECT RACEWAY" PROGRAM
- WIRE HEAVY COMBINATIONS FOR LATCH PULLBACK DEVICES UP TO 12WH (2-206A + 10-28GA)
- NON-CONDUCTIVE WIRE ACCESS CAP FOR BETTER PROTECTION
- CENTER TO CENTER PREP ON 5SW HINGES


ELEMENTS OF A PART NUMBER

| TYPE |  |
| :---: | :---: |
| ETH - Energy Transfer Hinge ETM - Energy Transfer Monitor Hinge |  |
| WIRES |  |
| M - Monitor Only <br> 2W - (2/20ga) <br> 4W - (4/26ga) <br> 6W - (6/26ga) <br> 8W - (8/28ga) <br> 10W - (10/28ga) <br> 12W - (12/28ga) | $\left.\begin{array}{l} 2 \mathrm{WH}-(2 / 18 \mathrm{ga}) \\ 4 \mathrm{WH}-(2 / 18 \mathrm{ga}+2 / 26 \mathrm{ga} \\ 6 \mathrm{WH}-(2 / 18 \mathrm{ga}+4 / 28 \mathrm{ga}) \\ 8 \mathrm{WH}-(2 / 20 \mathrm{ga}+6 / 28 \mathrm{ga}) \\ 10 \mathrm{WH}-(2 / 20 \mathrm{ga}+8 / 28 \mathrm{ga}) \\ 12 \mathrm{WH} \end{array}\right)$ |
| *NOT AVAILABLE ON ALL HINGES SIIES |  |
| SIZE / HANDING |  |
| $\begin{aligned} & 4.0 \times 4.0 \text { (SQ or RC) } \\ & 4.5 \times 4.0 \text { (SQ or RC) } \\ & 4.5 \times 4.5 \\ & 5.0 \times 4.0 \\ & 5.0 \times 4.5 \end{aligned}$ | $\begin{aligned} & 5.0 \times 5.0 \\ & 4.5 \times 6.0(\mathrm{WT}) \\ & 5.0 \times 6.0(\mathrm{WT}) \\ & \text { LH - Left Hand } \\ & \text { RH - Right Hand } \end{aligned}$ |

## OPTIONS

QC - Molex Connectors HT - Hospital Tip (SS/Brass Only) 4' Leads - ALWAYS SUPPLIED AT NO CHARGE

| FINISH (Steel Base Metal) |  |
| :---: | :---: |
| 600/P - Prime Coat <br> 605-632/3 - Bright Brass <br> 606-633/4 - Satin Brass <br> 609-638/5 - Satin Brass Antique <br> 611-637/9 - Bright Bronze <br> 612-639/10 - Satin Bronze <br> FINISH <br> 600/P - Prime Coat <br> 605/3 - Bright Brass <br> 606/4 - Satin Brass <br> 609/5 - Satin Brass Antique <br> 611/9 - Bright Bronze <br> 612/10 - Satin Bronze <br> FINISH (Stainles <br> 629 - Polished Stainless | 641/10A - Antique Bronze Laq. 613-640/10B - Anti. Bronze Oil 619-646/15 - Satin Nickel 625-651/26 - Bright Chrome 626-652/26D - Satin Chrome 693/L1 - Black <br> ss Base Metal) <br> 613/10B - Antique Bronze Oil <br> 619/15 - Satin Nickel <br> 625/26 - Bright Chrome <br> 626/26D - Satin Chrome <br> 693/L1 - Black <br> Steel Base Metal) <br> 630 - Brushed Stainless |
| STYLE |  |
| 3SW - 3 Knuckle Standard Weight <br> 3HW - 3 Knuckle Heavy Weight <br> 5SW - 5 Knuckle Standard Weight <br> 5HW - 5 Knuckle Heavy Weight <br> 3/4" - offset pivot (top/intermediate) <br> $1-1 / 2^{\prime \prime}$ - offset pivot (top/intermediate) <br> TP - Top pivot (center hung) | CATPIVOT - 3/4" Offset Pivot 5SWSC - CAT Swingclear Standard weight (specify straight or bevelled) <br> PP - Pocket pivot (center hung) <br> SC -Swing Clear Hinge <br> RB - Raised Barrel |

## EXTRA HINGES FOR MODIFICATION

Due to the nature of the modification process, please send 1 extra hinge for every 8 to be modified. We will return any hinges not need back with your order. For Example: 1-8 hinges, 1 extra | 9-16 hinges, 2 extra

| HINGES | PAGE | HINGE | PAGE | HINGE | PAGE |
| :--- | :---: | :---: | :---: | :--- | :---: |
| ETH 5K | 47 | ETM 3K | 50 | PIVOTS | 52 |
| ETH 3K | 48 | SWING CLEAR | 51 | DOOR LOOP | 53 |
| ETM 5K | 49 | SPECIALTY <br> HINGES | 51 |  |  |

## HOW TO ORDER

HOW TO MEASURE A HINGE REFERENCE


TYPES OF HINGES


## EXAMPLES

MODIFICATION ONLY - BUTT HINGE

|  | TYPE | WIRES | SIZE | BASE | STYLE | HANDING | OPTIONS | COMPLETE PART \# |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Part \# | ETM | 4W | 4540 | Steel | 3CB1 | - | QC | ETM4WMOD Steel 3SW QC |
| List \$ | - | \$210 | - | - | - | - | \$46 | \$256 |

COMPLETE ENERGY TRANSFER HINGE

|  | TYPE | WIRES | SIZE | FINISH | STYLE | HANDING | OPTIONS | \begin{tabular}{\|c|c|c|}
\hline
\end{tabular} COMPLETE PART \# |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Part \# | ETH | $8 W$ | 4545 | 626 | BB79 | - | 4' Lead | ETH8W4545-626 BB79 |
| List \$ | - | $\$ 156$ | - | - | - | - | N/C | \$156 |

MODIFICATION ONLY - PIVOTISPECIALTY HINGE

|  | TYPE | WIRES | SIZE | BASE | STYLE | HANDING | OPTIONS | COMPLETE PART \# |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Part \# | ETH | 10W | 45 | Steel | SC | - | QC | ETM4WMOD Steel 3SW QC |
| List \$ | - | \$316 | - | - | - | - | \$46 | \$362 |

COMPLETE ENERGY TRANSFER PIVOT

|  | TYPE | WIRES | SIZE | FINISH | STYLE | HANDING | OPTIONS | COMPLETE PART \# |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Part \# | ETH | 4WH | - | 626 | CATPIVOT | RH | 4' Lead | ETH4WH-626-CATPIVOT RH |
| List \$ | - | \$376 | - | - | - | - | N/C | \$376 |

## ©｜POWER TRANSFER HINGES

## HINGE CROSS REFERENCE SHEET

|  |  | $\begin{aligned} & \text { 丐 } \\ & \text { 조 } \end{aligned}$ | 突 |  | ® | 告 |  | $\sum_{\text {¢ ¢ }}^{\text {¢ }}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 5 KNUCKLE－SW STEEL BASE | BB79 | BB1279 | $\begin{gathered} \text { FBB179 } \\ \text { CB179 } \end{gathered}$ | TA2714 | BB81 | 5BB1 | BB31 | BB5000 |
| 5 KNUCKLE－SW BRASS BASE | BB91 | BB1191 | FB191 CB191 | TA2314 | BB21 | 5BB1 | SBB31 | BB5001 |
| 5 KNUCKLE－SW STAINLESS STEEL BASE | BB91 | BB1191 | $\begin{gathered} \text { FBB191 } \\ \text { CB191 } \end{gathered}$ | TA2314 | BB51 | 5BB1 | BB31－630 | BB5002 |
| 5 KNUCKLE－HW STEEL BASE | BB68 | BB1168 | $\begin{gathered} \text { FBB168 } \\ \text { CB168 } \end{gathered}$ | T4A3786 | 4B81 | 5BB1HW | BB5200 | BB5004 |
| 5 KNUCKLE－HW BRASS BASE | BB99 | BB1199 | FB199 CB199 | T4A3385 | 4B81 | 5BB1HW | N／A | BB5005 |
| 5 KNUCKLE－HW STAINLESS STEEL BASE | BB99 | BB1199 | $\begin{gathered} \text { FBB199 } \\ \text { CB199 } \end{gathered}$ | T4A3385 | 4B21 | 5BB1HW | BB5200－630 | BB5006 |
| 3 KNUCKLE－SW STEEL BASE | CB70 | AB700 | CB1900R | TA714 | CB81 | 3CB1 | BB200 | LB8000 |
| 3 KNUCKLE－SW BRASS BASE | CB80 | AB800 | CB1960R | TA314 | CB21 | 3CB1 | N／A | LB8001 |
| 3 KNUCKLE－SW STAINLESS STEEL BASE | CB80 | AB800 | CB1960R | TA314 | CB51 | 3CB1 | BB2200－630 | LB8002 |
| 3 KNUCKLE－HW STEEL BASE | CB75 | AB750 | CB1901R | TA786 | 4C81 | 3CB1HW | BB3300 | LB8004 |
| 3 KNUCKLE－HW BRASS BASE | CB85 | AB850 | CB1961R | TA386 | 4C21 | 3CB1HW | N／A | LB8005 |
| 3 KNUCKLE－HW STAINLESS STEEL BASE | CB85 | AB850 | CB1961R | TA386 | 4C51 | 3CB1HW | BB3300－630 | LB8006 |

5 KNUCKLE STANDARD TRANSFER HINGES - ETH

| STEEL BASE (BB79) | 2W | 4W | 6W | 8W | 10W | 12W | 2WH | 4WH | 6WH | 8WH | 10wh | 12WH |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $4.0 \times 4.0$ | \$124 | \$124 | \$146 | \$156 | \$187 | \$187 | - | - | - | - | - | - |
| $4.5 \times 4.0$ | \$124 | \$124 | \$146 | \$156 | \$187 | \$187 | \$169 | \$184 | \$194 | \$206 | \$237 | \$247 |
| $4.5 \times 4.5$ | \$124 | \$124 | \$146 | \$156 | \$187 | \$187 | \$169 | \$184 | \$194 | \$206 | \$237 | \$247 |
| $5.0 \times 4.5$ | \$149 | \$149 | \$167 | \$187 | \$210 | \$210 | \$194 | \$209 | \$219 | \$237 | \$260 | \$270 |
| $5.0 \times 5.0$ | \$171 | \$171 | \$189 | \$210 | \$232 | \$232 | \$216 | \$231 | \$241 | \$260 | \$282 | \$292 |
| BRASS BASE (BB91) | 2W | 4W | 6W | 8W | 10W | 12W | 2WH | 4WH | 6WH | 8WH | 10WH | 12WH |
| $4.0 \times 4.0$ | \$158 | \$158 | \$175 | \$193 | \$210 | \$210 | - | - | - | - | - | - |
| $4.5 \times 4.0$ | \$158 | \$158 | \$175 | \$193 | \$210 | \$210 | \$203 | \$218 | \$228 | \$243 | \$260 | \$270 |
| $4.5 \times 4.5$ | \$158 | \$158 | \$175 | \$193 | \$210 | \$210 | \$203 | \$218 | \$228 | \$243 | \$260 | \$270 |
| $5.0 \times 4.5$ | \$175 | \$175 | \$193 | \$210 | \$230 | \$230 | \$220 | \$235 | \$245 | \$260 | \$280 | \$290 |
| $5.0 \times 5.0$ | \$189 | \$189 | \$210 | \$230 | \$250 | \$250 | \$234 | \$249 | \$259 | \$280 | \$300 | \$310 |
| STAINLESS STEEL BASE (BB91) | 2W | 4W | 6W | 8W | 10W | 12W | 2WH | 4WH | 6WH | 8WH | 10WH | 12WH |
| $4.0 \times 4.0$ | \$171 | \$171 | \$190 | \$205 | \$247 | \$247 | - | - | - | - | - | - |
| $4.5 \times 4.0$ | \$171 | \$171 | \$190 | \$205 | \$247 | \$247 | \$216 | \$231 | \$241 | \$255 | \$297 | \$307 |
| $4.5 \times 4.5$ | \$171 | \$171 | \$190 | \$205 | \$247 | \$247 | \$216 | \$231 | \$241 | \$255 | \$297 | \$307 |
| $5.0 \times 4.5$ | \$190 | \$190 | \$210 | \$230 | \$263 | \$263 | \$235 | \$250 | \$260 | \$280 | \$313 | \$323 |
| $5.0 \times 5.0$ | \$210 | \$210 | \$230 | \$247 | \$280 | \$280 | \$255 | \$270 | \$280 | \$297 | \$330 | \$340 |

5 KNUCKLE HEAVY TRANSFER HINGES - ETH

| STEEL BASE (BB68) | 2W | 4W | 6W | 8W | 10W | 12W | 2WH | 4WH | 6WH | 8WH | 10WH | 12WH |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $4.5 \times 4.0$ | \$164 | \$164 | \$181 | \$195 | \$212 | \$212 | \$209 | \$224 | \$234 | \$245 | \$262 | \$272 |
| $4.5 \times 4.5$ | \$164 | \$164 | \$181 | \$195 | \$212 | \$212 | \$209 | \$224 | \$234 | \$245 | \$262 | \$272 |
| $5.0 \times 4.5$ | \$184 | \$184 | \$199 | \$212 | \$229 | \$229 | \$229 | \$244 | \$254 | \$262 | \$279 | \$289 |
| $5.0 \times 5.0$ | \$197 | \$197 | \$215 | \$224 | \$241 | \$241 | \$242 | \$257 | \$267 | \$274 | \$291 | \$301 |
| BRASS BASE (BB99) | 2W | 4W | 6W | 8W | 10W | 12W | 2WH | 4WH | 6WH | 8WH | 10WH | 12WH |
| $4.5 \times 4.0$ | \$184 | \$184 | \$202 | \$220 | \$239 | \$239 | \$229 | \$244 | \$254 | \$270 | \$289 | \$299 |
| $4.5 \times 4.5$ | \$184 | \$184 | \$202 | \$220 | \$239 | \$239 | \$229 | \$244 | \$254 | \$270 | \$289 | \$299 |
| $5.0 \times 4.5$ | \$202 | \$202 | \$220 | \$239 | \$257 | \$257 | \$247 | \$262 | \$272 | \$289 | \$307 | \$317 |
| $5.0 \times 5.0$ | \$215 | \$215 | \$232 | \$250 | \$275 | \$275 | \$260 | \$275 | \$285 | \$300 | \$325 | \$335 |
| STAINLESS STEEL BASE (BB99) | 2W | 4W | 6W | 8W | 10W | 12W | 2WH | 4WH | 6WH | 8WH | 10WH | 12WH |
| $4.5 \times 4.0$ | \$206 | \$206 | \$215 | \$234 | \$262 | \$262 | \$251 | \$266 | \$276 | \$284 | \$312 | \$322 |
| $4.5 \times 4.5$ | \$206 | \$206 | \$215 | \$234 | \$262 | \$262 | \$251 | \$266 | \$276 | \$284 | \$312 | \$322 |
| $5.0 \times 4.5$ | \$220 | \$220 | \$239 | \$255 | \$283 | \$283 | \$265 | \$280 | \$290 | \$305 | \$333 | \$343 |
| $5.0 \times 5.0$ | \$232 | \$232 | \$250 | \$267 | \$296 | \$296 | \$277 | \$292 | \$302 | \$317 | \$346 | \$356 |

5 KNUCKLE ENERGY TRANSFER HINGES- ETH

| MODIFICATION ONLY | 2W | 4W | 6W | 8W | 10W | 12W | 2WH | 4WH | 6WH | 8WH | 10WH | 12WH |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 5 KNUCKLE - SW STEEL OR BRASS | \$108 | \$108 | \$126 | \$142 | \$162 | \$172 | \$157 | \$168 | \$186 | \$202 | \$222 | \$232 |
| 5 KNUCKLE - SW STAINLESS STEEL | \$146 | \$146 | \$163 | \$180 | \$197 | \$207 | \$195 | \$206 | \$223 | \$240 | \$257 | \$267 |
| 5 KNUCKLE - HW STEEL OR BRASS | \$121 | \$121 | \$137 | \$154 | \$171 | \$181 | \$170 | \$181 | \$197 | \$214 | \$231 | \$241 |
| 5 KNUCKLE - HW STAINLESS STEEL | \$160 | \$160 | \$177 | \$195 | \$212 | \$223 | \$209 | \$220 | \$237 | \$255 | \$272 | \$283 |

## POWER TRANSFER HINGES

3 KNUCKLE STANDARD TRANSFER HINGES - ETH

| STEEL BASE (CB70) | $2 W$ | $4 W$ | $6 W$ | $8 W$ | $10 W$ | $12 W$ | $2 W H$ | $4 W H$ | $\mathbf{6 W H}$ | $8 W H$ | $10 W H$ |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :--- | :--- | :--- | :--- | :--- |

## 3 KNUCKLE HEAVY TRANSFER HINGES - ETH

| STEEL BASE (CB75) | 2W | 4W | 6W | 8W | 10W | 12W | 2WH | 4WH | 6WH | 8WH | 10WH | 12WH |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $4.5 \times 4.0$ | \$164 | \$164 | \$183 | \$202 | \$215 | \$215 | \$209 | \$224 | \$234 | \$252 | \$265 | \$275 |
| $4.5 \times 4.5$ | \$164 | \$164 | \$183 | \$202 | \$215 | \$215 | \$209 | \$224 | \$234 | \$252 | \$265 | \$275 |
| $5.0 \times 4.5$ | \$184 | \$184 | \$204 | \$224 | \$237 | \$237 | \$229 | \$244 | \$254 | \$274 | \$287 | \$297 |
| $5.0 \times 5.0$ | \$206 | \$206 | \$226 | \$246 | \$259 | \$259 | \$251 | \$266 | \$276 | \$296 | \$309 | \$319 |
| BRASS BASE (CB85) | 2W | 4W | 6W | 8W | 10W | 12W | 2WH | 4WH | 6WH | 8WH | 10WH | 12WH |
| $4.5 \times 4.0$ | \$180 | \$180 | \$197 | \$215 | \$232 | \$232 | \$225 | \$240 | \$250 | \$265 | \$282 | \$292 |
| $4.5 \times 4.5$ | \$180 | \$180 | \$197 | \$215 | \$232 | \$232 | \$225 | \$240 | \$250 | \$265 | \$282 | \$292 |
| $5.0 \times 4.5$ | \$197 | \$197 | \$215 | \$232 | \$250 | \$250 | \$242 | \$257 | \$267 | \$282 | \$300 | \$310 |
| $5.0 \times 5.0$ | \$220 | \$220 | \$237 | \$255 | \$272 | \$272 | \$265 | \$280 | \$290 | \$305 | \$322 | \$332 |
| STAINLESS STEEL BASE (CB85) | 2W | 4W | 6W | 8W | 10W | 12W | 2WH | 4WH | 6WH | 8WH | 10WH | 12WH |
| $4.5 \times 4.0$ | \$194 | \$194 | \$212 | \$234 | \$257 | \$257 | \$239 | \$254 | \$264 | \$284 | \$307 | \$317 |
| $4.5 \times 4.5$ | \$194 | \$194 | \$212 | \$234 | \$257 | \$257 | \$239 | \$254 | \$264 | \$284 | \$307 | \$317 |
| $5.0 \times 4.5$ | \$215 | \$215 | \$234 | \$257 | \$275 | \$275 | \$260 | \$275 | \$285 | \$307 | \$325 | \$335 |
| $5.0 \times 5.0$ | \$237 | \$237 | \$257 | \$279 | \$296 | \$296 | \$282 | \$297 | \$307 | \$329 | \$346 | \$356 |

## 3 KNUCKLE ENERGY TRANSFER HINGES- ETH

| MODIFICATION ONLY | 2W | 4W | 6W | 8W | 10W | 12W | 2WH | 4WH | 6WH | 8WH | 10WH | 12WH |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 3 KNUCKLE - SW STEEL OR BRASS | \$112 | \$112 | \$129 | \$146 | \$163 | \$173 | \$161 | \$172 | \$189 | \$206 | \$223 | \$233 |
| 3 KNUCKLE - SW STAINLESS STEEL | \$154 | \$154 | \$171 | \$187 | \$205 | \$215 | \$203 | \$214 | \$231 | \$247 | \$265 | \$275 |
| 3 KNUCKLE - HW STEEL OR BRASS | \$137 | \$137 | \$154 | \$171 | \$188 | \$198 | \$186 | \$197 | \$214 | \$231 | \$248 | \$258 |
| 3 KNUCKLE - HW STAINLESS STEEL | \$167 | \$167 | \$185 | \$202 | \$220 | \$230 | \$216 | \$227 | \$245 | \$262 | \$280 | \$290 |

[^2]5 KNUCKLE STANDARD TRANSFER HINGES - ETM

| STEEL BASE (BB79) | M | 2W | 4W | 6W | 8W | 10W | 2WH | 4WH | 6WH | 8WH |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $4.5 \times 4.0$ | \$132 | \$220 | \$220 | \$239 | \$257 | \$267 | \$265 | \$295 | \$310 | \$332 |
| $4.5 \times 4.5$ | \$132 | \$220 | \$220 | \$239 | \$257 | \$267 | \$265 | \$295 | \$310 | \$332 |
| $5.0 \times 4.5$ | \$149 | \$237 | \$237 | \$257 | \$275 | \$285 | \$282 | \$312 | \$327 | \$350 |
| $5.0 \times 5.0$ | \$171 | \$259 | \$259 | \$279 | \$296 | \$307 | \$304 | \$334 | \$349 | \$371 |
| BRASS BASE (BB91) | M | 2W | 4W | 6W | 8W | 10W | 2WH | 4WH | 6WH | 8WH |
| $4.5 \times 4.0$ | \$158 | \$248 | \$248 | \$263 | \$281 | \$298 | \$303 | \$323 | \$338 | \$356 |
| $4.5 \times 4.5$ | \$158 | \$248 | \$248 | \$263 | \$281 | \$298 | \$303 | \$323 | \$338 | \$356 |
| $5.0 \times 4.5$ | \$175 | \$265 | \$265 | \$281 | \$298 | \$316 | \$320 | \$340 | \$355 | \$373 |
| $5.0 \times 5.0$ | \$197 | \$287 | \$287 | \$298 | \$320 | \$338 | \$342 | \$362 | \$377 | \$395 |
| STAINLESS STEEL BASE (BB91) | M | 2W | 4W | 6W | 8W | 10W | 2WH | 4WH | 6WH | 8WH |
| $4.5 \times 4.0$ | \$175 | \$263 | \$263 | \$281 | \$298 | \$316 | \$318 | \$338 | \$353 | \$373 |
| $4.5 \times 4.5$ | \$175 | \$263 | \$263 | \$281 | \$298 | \$316 | \$318 | \$338 | \$353 | \$373 |
| $5.0 \times 4.5$ | \$193 | \$281 | \$281 | \$298 | \$316 | \$334 | \$336 | \$356 | \$371 | \$391 |
| $5.0 \times 5.0$ | \$215 | \$303 | \$303 | \$320 | \$338 | \$355 | \$358 | \$378 | \$393 | \$413 |

5 KNUCKLE HEAVY TRANSFER HINGES - ETM

| STEEL BASE (BB68) | M | 2W | 4W | 6W | 8W | 10W | 2WH | 4WH | 6WH | 8WH |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $4.5 \times 4.0$ | \$173 | \$264 | \$264 | \$282 | \$299 | \$309 | \$319 | \$339 | \$354 | \$374 |
| $4.5 \times 4.5$ | \$173 | \$264 | \$264 | \$282 | \$299 | \$309 | \$319 | \$339 | \$354 | \$374 |
| $5.0 \times 4.5$ | \$191 | \$282 | \$282 | \$299 | \$318 | \$328 | \$337 | \$357 | \$372 | \$393 |
| $5.0 \times 5.0$ | \$213 | \$305 | \$305 | \$323 | \$328 | \$339 | \$360 | \$380 | \$395 | \$403 |
| BRASS BASE (BB99) | M | 2W | 4W | 6W | 8W | 10W | 2WH | 4WH | 6WH | 8WH |
| $4.5 \times 4.0$ | \$187 | \$272 | \$272 | \$289 | \$307 | \$324 | \$327 | \$347 | \$362 | \$382 |
| $4.5 \times 4.5$ | \$187 | \$272 | \$272 | \$289 | \$307 | \$324 | \$327 | \$347 | \$362 | \$382 |
| $5.0 \times 4.5$ | \$204 | \$289 | \$289 | \$307 | \$324 | \$342 | \$344 | \$364 | \$379 | \$399 |
| $5.0 \times 5.0$ | \$226 | \$312 | \$312 | \$328 | \$346 | \$364 | \$367 | \$387 | \$402 | \$421 |
| STAINLESS STEEL BASE (BB99) | M | 2W | 4W | 6 W | 8W | 10W | 2WH | 4WH | 6WH | 8WH |
| $4.5 \times 4.0$ | \$204 | \$289 | \$289 | \$307 | \$324 | \$342 | \$344 | \$364 | \$379 | \$399 |
| $4.5 \times 4.5$ | \$204 | \$289 | \$289 | \$307 | \$324 | \$342 | \$344 | \$364 | \$379 | \$399 |
| $5.0 \times 4.5$ | \$232 | \$320 | \$320 | \$338 | \$355 | \$373 | \$375 | \$395 | \$410 | \$430 |
| $5.0 \times 5.0$ | \$248 | \$334 | \$334 | \$351 | \$396 | \$385 | \$389 | \$409 | \$424 | \$471 |

## 5 KNUCKLE ENERGY TRANSFER HINGES- ETM

| MODIFICATION ONLY | M | 2W | 4W | 6W | 8W | 10W | 2WH | 4WH | 6WH | 8WH |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 5 KNUCKLE - SW STEEL OR BRASS | \$114 | \$204 | \$204 | \$220 | \$239 | \$257 | \$248 | \$263 | \$283 | \$301 |
| 5 KNUCKLE - SW STAINLESS STEEL | \$149 | \$239 | \$239 | \$257 | \$272 | \$289 | \$283 | \$301 | \$306 | \$334 |
| 5 KNUCKLE - HW STEEL OR BRASS | \$123 | \$210 | \$210 | \$230 | \$248 | \$263 | \$255 | \$275 | \$291 | \$307 |
| 5 KNUCKLE - HW STAINLESS STEEL | \$158 | \$248 | \$248 | \$263 | \$281 | \$298 | \$291 | \$307 | \$324 | \$342 |

## POWER TRANSFERS HINGES

3 KNUCKLE STANDARD TRANSFER HINGES - ETM

| STEEL BASE (CB70) | M | 2W | 4W | 6W | 8W | 10W | 2WH | 4WH | 6WH | 8WH |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $4.5 \times 4.0$ | \$140 | \$230 | \$230 | \$248 | \$263 | \$281 | \$285 | \$305 | \$320 | - |
| $4.5 \times 4.5$ | \$140 | \$230 | \$230 | \$248 | \$263 | \$281 | \$285 | \$305 | \$320 | - |
| $5.0 \times 4.5$ | \$158 | \$248 | \$248 | \$265 | \$281 | \$298 | \$303 | \$323 | \$338 | - |
| $5.0 \times 5.0$ | \$180 | \$269 | \$269 | \$287 | \$303 | \$320 | \$324 | \$344 | \$359 | - |
| BRASS BASE (CB80) | M | 2W | 4W | 6W | 8W | 10W | 2WH | 4WH | 6WH | 8WH |
| $4.5 \times 4.0$ | \$158 | \$248 | \$248 | \$263 | \$281 | \$298 | \$303 | \$323 | \$338 | \$356 |
| $4.5 \times 4.5$ | \$158 | \$248 | \$248 | \$263 | \$281 | \$298 | \$303 | \$323 | \$338 | \$356 |
| $5.0 \times 4.5$ | \$175 | \$265 | \$265 | \$281 | \$298 | \$316 | \$320 | \$340 | \$355 | \$373 |
| $5.0 \times 5.0$ | \$197 | \$287 | \$287 | \$303 | \$320 | \$338 | \$342 | \$362 | \$377 | \$395 |
| STAINLESS STEEL BASE (CB80) | M | 2W | 4W | 6 W | 8W | 10W | 2WH | 4WH | 6WH | 8WH |
| $4.5 \times 4.0$ | \$180 | \$267 | \$267 | \$285 | \$303 | \$320 | \$322 | \$342 | \$357 | \$378 |
| $4.5 \times 4.5$ | \$180 | \$267 | \$267 | \$285 | \$303 | \$320 | \$322 | \$342 | \$357 | \$378 |
| $5.0 \times 4.5$ | \$197 | \$285 | \$285 | \$303 | \$320 | \$338 | \$340 | \$360 | \$375 | \$395 |
| $5.0 \times 5.0$ | \$220 | \$307 | \$307 | \$327 | \$342 | \$360 | \$362 | \$382 | \$397 | \$417 |

## 3 KNUCKLE HEAVY TRANSFER HINGES - ETM

| STEEL BASE (CB75) | M | 2W | 4W | 6W | 8W | 10W | 2WH | 4WH | 6WH | 8WH |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $4.5 \times 4.0$ | \$167 | \$257 | \$257 | \$272 | \$289 | \$307 | \$312 | \$327 | \$344 | - |
| $4.5 \times 4.5$ | \$167 | \$257 | \$257 | \$272 | \$289 | \$307 | \$312 | \$327 | \$344 | - |
| $5.0 \times 4.5$ | \$184 | \$275 | \$275 | \$289 | \$307 | \$324 | \$330 | \$344 | \$362 | - |
| $5.0 \times 5.0$ | \$206 | \$296 | \$296 | \$312 | \$328 | \$346 | \$351 | \$367 | \$383 | - |
| BRASS BASE (CB85) | M | 2W | 4W | 6W | 8W | 10W | 2WH | 4WH | 6WH | 8WH |
| $4.5 \times 4.0$ | \$187 | \$272 | \$272 | \$289 | \$307 | \$324 | \$327 | \$347 | \$362 | \$382 |
| $4.5 \times 4.5$ | \$187 | \$272 | \$272 | \$289 | \$307 | \$324 | \$327 | \$347 | \$362 | \$382 |
| $5.0 \times 4.5$ | \$204 | \$289 | \$289 | \$307 | \$324 | \$342 | \$344 | \$364 | \$379 | \$399 |
| $5.0 \times 5.0$ | \$226 | \$312 | \$312 | \$328 | \$346 | \$364 | \$367 | \$387 | \$402 | \$421 |
| STAINLESS STEEL BASE (CB85) | M | 2W | 4W | 6W | 8W | 10W | 2WH | 4WH | 6WH | 8WH |
| $4.5 \times 4.0$ | \$210 | \$298 | \$298 | \$316 | \$340 | \$358 | \$353 | \$373 | \$388 | \$415 |
| $4.5 \times 4.5$ | \$210 | \$298 | \$298 | \$316 | \$340 | \$358 | \$353 | \$373 | \$388 | \$415 |
| $5.0 \times 4.5$ | \$228 | \$316 | \$316 | \$334 | \$358 | \$375 | \$371 | \$391 | \$406 | \$433 |
| $5.0 \times 5.0$ | \$250 | \$338 | \$338 | \$355 | \$379 | \$397 | \$393 | \$413 | \$428 | \$454 |

## 3 KNUCKLE ENERGY TRANSFER HINGES- ETM

| MODIFICATION ONLY | M | 2 W | 4 W | 6 W | 8 W | 10 W | $\mathbf{2 W H}$ | 4 WH | $\mathbf{6 W H}$ | $\mathbf{8 W H}$ |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 3 KNUCKLE - SW STEEL OR BRASS | $\$ 123$ | $\$ 210$ | $\$ 210$ | $\$ 228$ | $\$ 246$ | $\$ 263$ | $\mathbf{\$ 2 5 5}$ | $\mathbf{\$ 2 7 2}$ | $\mathbf{\$ 2 8 9}$ | $\mathbf{\$ 3 0 7}$ |
| 3 KNUCKLE - SW STAINLESS STEEL | $\$ 175$ | $\$ 263$ | $\$ 263$ | $\$ 281$ | $\$ 298$ | $\$ 316$ | $\mathbf{\$ 3 0 7}$ | $\mathbf{\$ 3 2 4}$ | $\mathbf{\$ 3 4 2}$ | $\mathbf{\$ 3 6 0}$ |
| 3 KNUCKLE - HW STEEL OR BRASS | $\$ 140$ | $\$ 230$ | $\$ 230$ | $\$ 248$ | $\$ 265$ | $\$ 283$ | $\mathbf{\$ 2 7 5}$ | $\mathbf{\$ 2 9 1}$ | $\mathbf{\$ 3 0 9}$ | $\mathbf{\$ 3 2 6}$ |
| 3 KNUCKLE - HW STAINLESS STEEL | $\$ 193$ | $\$ 281$ | $\$ 281$ | $\$ 298$ | $\$ 316$ | $\$ 334$ | $\mathbf{\$ 3 2 4}$ | $\mathbf{\$ 3 5 3}$ | $\mathbf{\$ 3 7 1}$ | $\mathbf{\$ 3 8 9}$ |

## COMMAND ACCESS

| $\begin{aligned} & \text { 区్ర } \\ & \text { N } \\ & \text { N } \\ & \text { 로 } \\ & \text { E } \end{aligned}$ |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

ENERGY TRANSFER SWINGCLEAR Specify Bevelled or Square. 626 Finish. Consult factory for other finishes.

| 5SW STEEL BASED SC | $\$ 360$ | $\$ 360$ | $\$ 379$ | $\$ 395$ | $\$ 412$ | $\mathbf{\$ 4 0 9}$ | $\mathbf{\$ 4 2 0}$ | $\mathbf{\$ 4 3 9}$ | $\mathbf{\$ 4 5 5}$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 5HW STEEL BASED SC | $\$ 403$ | $\$ 403$ | $\$ 423$ | $\$ 438$ | $\$ 456$ | $\mathbf{\$ 4 5 2}$ | $\mathbf{\$ 4 6 3}$ | $\mathbf{\$ 4 8 3}$ | $\mathbf{\$ 4 9 8}$ |

## ENERGY TRANSFER SPECIALTY- MOD

| HINGE TYPE | 2W | 4W | 6W | 8W | 10W | 2WH | 4WH | 6WH | 8WH |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SWINGCLEAR - SW STEEL HINGE | \$263 | \$263 | \$281 | \$298 | \$316 | \$312 | \$323 | \$341 | \$358 |
| SWINGCLEAR - HW STEEL HINGE | \$289 | \$289 | \$307 | \$324 | \$342 | \$338 | \$349 | \$367 | \$384 |
| SWINGCLEAR - SW SS HINGE | \$298 | \$298 | \$316 | \$334 | \$351 | \$347 | \$358 | \$376 | \$394 |
| SWINGCLEAR - HW SS HINGE | \$324 | \$324 | \$342 | \$360 | \$377 | \$373 | \$384 | \$402 | \$420 |
| RAISED BARREL - SW STEEL HINGE | \$263 | \$263 | \$281 | \$298 | \$316 | \$312 | \$323 | \$341 | \$358 |
| RAISED BARREL - HW STEEL HINGE | \$289 | \$289 | \$307 | \$324 | \$342 | \$338 | \$349 | \$367 | \$384 |
| RAISED BARREL - SW SS HINGE | \$298 | \$298 | \$316 | \$334 | \$351 | \$347 | \$358 | \$376 | \$394 |
| RAISED BARREL - HW SS HINGE | \$324 | \$324 | \$342 | \$360 | \$377 | \$373 | \$384 | \$402 | \$420 |
| HALF OR FULL SURFACE - SW STEEL | \$275 | \$275 | \$291 | \$309 | \$326 | \$324 | \$335 | \$351 | \$369 |
| HALF OR FULL SURFACE - HW STEEL | \$291 | \$291 | \$309 | \$326 | \$344 | \$340 | \$351 | \$369 | \$386 |
| HALF OR FULL SURFACE - SW SS | \$307 | \$307 | \$324 | \$342 | \$360 | \$356 | \$367 | \$384 | \$402 |
| HALF OR FULL SURFACE - HW SS | \$328 | \$328 | \$346 | \$364 | \$381 | \$377 | \$388 | \$406 | \$424 |

## ADDITIONAL OPTIONS FOR POWER TRANSFER

| DOOR 4' LEAD | Standard 4' Lead on Door Side - Included Standard with every hinge | n/c |
| :--- | :--- | :---: |
| FRAME 4' LEAD | Add 4' Lead on Frame Side | CALL |
| WT | Additional charge to supply a wide throw hinge | $\mathbf{\$ 4 4}$ |
| QC | 8-pin or 12-pin Molex Connector added to hinge | $\mathbf{\$ 4 6}$ |
| QC w/ LEAD | 8-pin or 12-pin Molex Connector added to hinge | $\mathbf{\$ 7 4}$ |
| DOOR CORD QC | 8-pin or 12-pin Molex Connector added to hinge | $\mathbf{\$ 8 5}$ |
| HT | Add Hospital Tip to Hinge (SS/Brass Only) | $\mathbf{\$ 8 8}$ |
| CAT HINGE REWIRE | Rewire Command Access Hinge | $\mathbf{\$ 8 8}$ |
| OTHER HINGE REWIRE | Rewire another manufacturers hinge | $\mathbf{\$ 1 1 0}$ |

Allegion Connect $®$ is a registered trademark of Allegion
ElectroLynx® is a registered trademark of Assa Abloy

## (O) POWER TRANSFERS



- = Not Applicable $\quad \checkmark=$ Available


## COMMAND ACCESS ENERGY TRANSFER PIVOTS

- CAT PIVOT = EQUAL TO RIXON EM 19
- CAT EPT = EQUAL TO VON DUPRIN EPT
- 4' LEAD AVAILABLE AT NO EXTRA CHARGE
- MULTIPLE WIRE CONFIGURATIONS
- 3-YEAR "NO HASSLE" WARRANTY

| WIRE <br> MORTISE/CYLINDRICAL LOCK, \& EXIT TRIM |  |  |  |  |  | WIRE HEAVY LATCH RETRACTION |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{aligned} & \text { 정 } \\ & \text { N } \\ & \text { N } \\ & \text { 레 } \end{aligned}$ |  |  |  |  | 区్ N్N N N |  | 4WH (2/18GA + 2/26GA) |  |  | 10WH (2/20GA + 8/28GA) |

Specify Handing, Finishes available in 613, 625, 626.

| INTERMEDIATE PIVOT - CAT PIVOT | $\mathbf{\$ 3 1 6}$ | $\mathbf{\$ 3 1 6}$ | $\mathbf{\$ 3 3 4}$ | $\mathbf{\$ 3 5 1}$ | $\mathbf{\$ 3 6 9}$ | $\mathbf{\$ 3 7 9}$ | $\mathbf{\$ 3 6 5}$ | $\mathbf{\$ 3 7 6}$ | $\mathbf{\$ 3 9 4}$ | $\mathbf{\$ 4 1 1}$ | $\mathbf{\$ 4 2 9}$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

ENERGY TRANSFER PIVOTS - MOD

| 3/4" OFFSET BRASS OR ALUMINUM | \$298 | \$298 | \$316 | \$334 | \$351 | \$362 | \$347 | \$358 | \$376 | \$394 | \$411 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 3/4" OFFSET STAINLESS STEEL | \$324 | \$324 | \$342 | \$360 | \$377 | \$388 | \$373 | \$384 | \$402 | \$420 | \$437 |
| 1-1/2" OFFSET BRASS OR ALUMINUM | \$307 | \$307 | \$324 | \$342 | \$360 | \$370 | \$356 | \$367 | \$384 | \$402 | \$420 |
| 1-1/2" OFFSET STAINLESS STEEL | \$334 | \$334 | \$351 | \$369 | \$385 | \$396 | \$383 | \$394 | \$411 | \$429 | \$445 |
| TOP, POCKET, OR CENTER HUNG PIVOT | \$175 | \$175 | \$193 | \$210 | \$228 | \$238 | \$224 | \$235 | \$253 | \$270 | \$288 |

## CONCEALED EPT

| CAT EPT ALUM | Concealed Power Transfer ALUM specify (2 Wire or 10 Wire), same prep as Von Duprin EPT | $\$ 440$ |
| :--- | :--- | :--- |
| CAT EPT DURO | Concealed Power Transfer DURO specify (2 Wire or 10 Wire), same prep as Von Duprin EPT | $\$ 440$ |

## ADDITIONAL OPTIONS FOR POWER TRANSFER

| DOOR 4' LEAD | Standard 4' Lead on Door Side - Included Standard with every hinge | n/c |
| :--- | :--- | :---: |
| FRAME 4' LEAD | Add 4' Lead on Frame Side | CALL |
| WT | Additional charge to supply a wide throw hinge | $\mathbf{\$ 4 4}$ |
| QC | 8-pin or 12-pin Molex Connector added to hinge | $\mathbf{\$ 4 6}$ |
| QC w/ LEAD | 8-pin or 12-pin Molex Connector added to hinge | $\mathbf{\$ 7 4}$ |
| DOOR CORD QC | 8-pin or 12-pin Molex Connector added to hinge | $\mathbf{\$ 8 5}$ |
| HT | Add Hospital Tip to Hinge (SS/Brass Only) | $\mathbf{\$ 8 8}$ |
| CAT HINGE REWIRE | Rewire Command Access Hinge | $\mathbf{\$ 8 8}$ |
| OTHER HINGE REWIRE | Rewire another manufacturers hinge | $\mathbf{\$ 1 0 6}$ |

Micro-Fit 3.0 ${ }^{\text {TM }}$ Interconnect System available to retrofit common quick connection systems such

- DURABLE FINISH
- SPECIAL 1/4" FLEXIBLE ARMOURED CONDUIT (I.D. 1/4")
- SUPPORTS UP TO $180^{\circ}$ SWING (STANDARD BUTT AND CONTINUOUS HINGE APPLICATIONS)
- SUPPORTS UP TO $105^{\circ}$ SWING ON 3/4 OFFSET PIVOTS
- EASY INSTALLATION
- VARIABLE MOUNTING LOCATIONS
- FITS UP TO 2-12GA WIRES

FOR CONTINUOUS AND BUTT HINGE APPLICATIONS


| CDL-AL | Aluminum Finish, 6" total length. | $\mathbf{\$ 4 8}$ |
| :--- | :--- | :---: |
| CDL-BLK | Black Finish, 6" total length. | $\mathbf{\$ 4 8}$ |
| CDL-AL-FX | Aluminum Finish, 6" total length. Includes 1 side fixed for complete <br> concealment in opposite side. | $\mathbf{\$ 5 2}$ |
| CDL-BLK-FX | Black Finish, 6" total length. Includes 1 side fixed for complete con- <br> cealment in opposite side. | $\mathbf{\$ 5 2}$ |



FOR 3/4" OFFSET PIVOT APPLICATIONS

| CDL-AL-EXT | Aluminum Finish, 12" total length. Includes 1 side fixed for complete <br> concealment in opposite side \& extended length for wire guideance | $\mathbf{\$ 6 2}$ |
| :--- | :--- | :---: |
| CDL-BLK-EXT | Black Finish, 12" total length. Includes 1 side fixed for complete con- <br> cealment in opposite side \& extended length for wire guideance | $\mathbf{\$ 6 2}$ |
| CDL-AL-EXT2 | Aluminum Finish, 18" total length. Includes 1 side fixed for complete <br> concealment in opposite side \& extended length for wire guideance | $\mathbf{\$ 8 0}$ |
| CDL-BLK-EXT2 | Black Finish, 18" total length. Includes 1 side fixed for complete con- <br> cealment in opposite side \& extended length for wire guideance | $\mathbf{\$ 8 0}$ |



## DOOR LOOPS

The door loop is a low cost method of transferring low voltage power from the door frame to the locking device.

| DL-20A | 20" Door Loop, Aluminum Finish (Can be cut in the field to length) | $\mathbf{\$ 4 4}$ |
| :--- | :--- | :---: |
| DL-20D | $20 "$ Door Loop, DURO Finish (Can be cut in the field to length) | $\mathbf{\$ 4 4}$ |
| NDL-18A | Narrow 18" Door Loop, Aluminum Finish (Can be cut in the field to length) | $\mathbf{\$ 3 8}$ |
| NDL-18D | Narrow 18" Door Loop, DURO Finish (Can be cut in the field to length) | $\mathbf{\$ 3 8}$ |



## (Q) G.A.t InStallation tools



CAT-HIT-CLAMP

САТ-HIT-60

| CAT-HIIT-21 | MORTISE LOCK CYLINDER GUIDE | CALL |
| :---: | :---: | :---: |
| CAT-HIIT-22 | MORTISE LOCK DOUBLE CYLINDER GUIDE | CALL |
| CAT-HIIT-50 | CYLINDRICAL LOCK BORE HOLES | CALL |
| CAT-HIIT-111 | GRADE 1 CYLINDRICAL LOCK FACE HOLES | CALL |
| CAT-HIT-60 | WIRE RACEWAY DRILL GUIDE FOR ELECTRIFIED LOCKS | CALL |
| CAT-HIIT-66- CLAMP | CLAMP SYSTEM FOR ALL HIT-66 GUIDES | CALL |
| CAT-HIIT-66-110 | CYLINDRICAL LOCKS | CALL |
| CAT-HIIT-66-230 | BEST 35 \& 45 SERIES MORTISE LOCKS | CALL |
| CAT-HIIT-66-235 | CORBIN RUSSWIN 2200 SERIES MORTISE LOCK | CALL |
| CAT-HIIT-66-240 | FALCON MA SERIES MORTISE LOCK | CALL |
| CAT-HIIT-66-280 | SARGENT 8000 SERIES MORTISE LOCK | CALL |
| CAT-HIIT-66-282 | SCHLAGE L SERIES MORTISE LOCK | CALL |
| CAT-HIT-32VD9W | VON DUPRIN 98/99 WOOD RIM \& SVR | CALL |
| CAT-DT-200 | CYLINDRICAL LOCK BORE HOLES | CALL |
| CAT-DT-100 | CYLINDRICAL LOCK BORE HOLES | CALL |
| DOOR DOLLY 1 | MINI DOOR DOLLY | CALL |
| DOOR DOLLY 2 | DOOR DOLLY | CALL |
| 5SW-TEMP ${ }^{1}$ | 5K STANDARD WEIGHT TEMPLATE FOR WIRE ACCESS HOLES, SPECIFY SIZE | \$20 |
| 5HW-TEMP ${ }^{1}$ | 5K HEAVY WEIGHT TEMPLATE FOR WIRE ACCESS HOLES, SPECIFY SIZE | \$20 |
| 3SW-TEMP ${ }^{1}$ | 3K STANDARD WEIGHT TEMPLATE FOR WIRE ACCESS HOLES, SPECIFY SIZE | \$20 |
| 3HW-TEMP ${ }^{1}$ | 3K HEAVY WEIGHT TEMPLATE FOR WIRE ACCESS HOLES, SPECIFY SIZE | \$20 |

## 1. Free with hinge orders of $10+$




SCAN ME


Door Dolly 1

## TERMS AND CONDITIONS

PRICES: All list prices are subject to change without prior notice and are not guaranteed. All prices are per unit (each) unless otherwise specified and do not include sales or local taxes. All shipments will be made at prices prevailing at time of shipment.

EXPEDITE FEE: A customer may request that an order be expedited. An additional charge of up to $25 \%$ of the cost of the expedited items may be charged. Expedite lead times are subject to availability. Please call for approval.

PAYMENT TERMS: The standard credit terms of Command Access Technologies (herein called CAT) are $2 \% 10$ days net 30 . Net 30 means the check shall be receive at CAT on or before 30 days from the date of the invoice. Interest will be charged at the rate of $2 \%$ per month on past due accounts.

ACCEPTANCE OF ORDERS AND/OR QUOTATIONS: Possession of prices from CAT does not commit CAT to accept any order. CAT reserves the right to refuse any order and will not be bound to fulfill any order until it has been accepted by a representative of CAT and confirmed by a written acknowledgement. Quotations are valid for ninety (90) days following the date of the quotation.

OPEN ACCOUNT STATUS: CAT reserves the right to decline or discontinue direct sales to any customer who does not meet an annual minimum sales requirement of $\mathbf{5 0 0 0 . 0 0}$ in invoiced purchases.

ACKNOWLEDGEMENTS: An acknowledgement is an exact copy of a customer's order as entered by CAT and should be verified by the customer. If the acknowledgement does not agree with said customers understanding CAT should be advised within (3) three days or the order will be billed as acknowledged. CAT's sales terms shall apply irrespective of any special stipulation appearing in customer order, unless specifically acknowledged and accepted by CAT.

RETURNED GOODS: The customer must advise customer service at CAT of merchandise to be returned and a Returned Goods Authorization (RGA) will be issued. CAT will not accept goods returned without an RGA. Full credit against further purchases or a replacement will be made at the option of CAT if upon investigation reveals that goods were shipped in error or if goods are defective in workmanship or material. Otherwise, a restocking fee of not less than (25) twenty-five percent will be charged. All merchandise must be PREPAID AND PROPERLY PACKED. All C.O.D. orders shipped to CAT will be refused. Returned goods must be packed in their original boxes. If product has been installed it cannot be returned but only repaired, please consult factory for repair costs(unless under warrantee). No credit will be given for product not in its original form unless, upon CAT's inspection, product is found to be defective. If product is returned as defective and is found to be operational, product will be returned to customer (C.O.D.) and no credit will be issued.

MINIMUM CHARGE: No order will be invoiced for less than $\$ 25.00$ net plus shipping charges.
CHANGES OR CANCELLATIONS: When a special order is accepted, and entered, no change can be made and the order is non-cancellable. Cancellation for items already packed for shipment will be removed if possible. A twenty-five percent ( $25 \%$ ) restocking fee will apply.

CLAIMS OR SHORTAGES: Every possible care is taken in the final examination of packing of goods, and no complaints will be accepted unless made promptly upon receipt of goods. No claim will be allowed for work done by others, consequential damages or other expenditure, and CAT's understanding to repair or replace defective goods is its only liability. No claim for damage shortage or loss in transit will be accepted unless notice is given in writing to the carrier and to CAT within (10) ten days of receipt of goods.

BACK CHARGES: CAT is not responsible for, does not authorize, and will not accept any charges for the cost of labor, travel or material incurred by anyone other than CAT for any installation, repair, service, or replacement unless incurred with CAT's prior written consent and agreement.

FREIGHT CHARGES: All goods are invoiced F.O.B. CAT, Yorba Linda, California. Freight charges are prepaid and are added to invoice. Consignee pays C.O.D. freight charges when delivered to the Freight Company the shipment becomes the property of the purchaser, who assumes the risk of loss or damage in transit. If invoice exceeds $\$ 1,000.00$ net, full service freight by FedEx or our choice within the continental U.S.A. (excluding Hawaii, Alaska, Guam \& Puerto Rico) is deductible, provided invoice is paid within set terms. Not all products qualify for freight deduction. Airfreight and other special shipments are not deductible. CAT does not ship to directly to Canada, for all Canadian destinations please contact Connection Network Agencies at 905-823-3002.

PRODUCT CHANGES OR CANCELLATIONS: CAT reserves the right to modify or discontinue any price, product, design, function and finish without prior notice.

PRODUCT FINISHES: Although CAT modifies products with the finest protective coatings, they do have their limitations. In time, they might deteriorate from extremes in climate, frequency of use, perspiration, or other factors. CAT does not consider excessive wear or tarnishing of the finish because of any of the above conditions as a defect. It is considered a normal process, which cannot be avoided. Thus, CAT cannot guarantee product finishes and will not repair or replace finishes under this warranty.

## С.A. COMMITMENT

## ALWAYS HERE TO HELP

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## - f $\boldsymbol{y}^{\prime}$ in

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Live Chat Available
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[^0]:    * B Rose available up charge list \$18 **Up charge \$55 for Escutcheon - Please call to confirm stock

    1. LPM180 Solenoid Series - Limited Availabilty - Call for Pricing
    2. See IDPS Series for Door Postion option
[^1]:    Note: V36 \& MDPH49 do not maintain key override- A dummy cylinder will be added to all cylinder prep trims.

[^2]:     matic, Falcon, Ives, Monarch, Schlage, Von Duprin, Best, Precision, Accurate, AHT, Baldwin, Bommer, Cal Royal, CR Laurence, Design Hardware, Emtek, First Choice, FSB, General Lock, Hager, Jackson, Keedex,

