Buzzer

- Enclosed Buzzer
- 92DB Sound at 3 Feet
- Operating Range 3-6VDC, 8-16VAC, 1 Amp Draw
- Bright Chrome Finish

TR270
$21.00

Bell

- 2-1/2" Open Bell
- 100DB Sound at 3 Feet
- Operating Range 3-6VDC, 8-16VAC, 1 Amp Draw
- Bright Chrome Finish

TR272
$23.00

Bell

- 4" Open Bell
- 100DB Sound at 3 Feet
- Operating Range 3-6VDC, 8-16VAC, 1 Amp Draw
- Bright Chrome Finish

TR274
$25.00

Round Push Button

For use up to 30 volts AC or DC
Polished Solid Brass w/Black Center

TRSRP	2-1/4" Body Dia.	$12.50
TRJRP	1-3/4" Body Dia.	$11.50

Rectangular Push Buttons

2-3/4"L x 1"W x 3/4"H

Anodized aluminum or brass housing

For use up to 30 volts AC or DC

TR71A	Unlighted	Silver	$12.50
TR71G	Unlighted	Gold	$12.50

For use up to 16 volts AC or DC

TR71LA	Lighted	Silver	$14.00
TR71LG	Lighted	Gold	$14.00

2-3/4"L x 3/4W" x 5/8"H
For use up to 30 volts AC or DC

TR66B	Unlighted	Black	
TR66C	Unlighted	Silver	
TR66G	Unlighted	Gold	
TR66W	Unlighted	White	$8.50

For use up to 16 volts AC or DC

TR66LB	Lighted	Black	
TR66LC	Lighted	Silver	
TR66LG	Lighted	Gold	$11.50

Circular Push Buttons

Unlighted

TR45A	Silver	$8.50
TR45G	Gold	$8.50

5/8" Diameter

With Lighted Pearl Center

TR45LA	Silver	$10.50
TR45LG	Gold	$10.50

Dual Push Buttons

4-3/4"L x 5/8"W x 3/4"H
For use up to 30 volts AC or DC

Multi-Family, Polished Solid Brass Housing

TR91P
Polished Brass
$26.00

Low Voltage Transformers - Class 2

CLAMP-ON TYPE
- Equipped with convenient screw-bracket mounting clamp for standard ½" knockouts
- 120 Volt Primary AC
- No. 598 Tri-Volt: 8VAC-20W,

TR598
$36..00

- No. 5204: 12VAC-20W
- No. 5205: 8VAC-10W, 16VAC-10W, 24VAC-20W

TR5204	$31.00
TR5205	$36.00

Wireless Window/Door Alarm Kit

FEATURES
- User can set for chime or 105DB Alarm Sound
- N/O magnetic contact switch activates alarm
- Contacts provided with mounting tape
- Wireless - No Wiring Required
- (3) L1154 Alkaline batteries included
- On/Off Switch

TR215
$16.00

017TDC-4 Wireless Controller

- 500 Foot Range
- 2 Channel Receiver & Transmitter.
- Independently Programmable A & B Channel.
- 4, 8, 16 Second delay or alternate action trigger.
- Will Work With 12 Through 30 V AC/DC.
- Dry Contact Relay Rated up to 30V @ 5 Amp Max.
- 68 Billion Codes.

TR017TDC-4
$109.00

018-4 Wireless Transmitter

Two Button Transmitter
- LED Indicates Operation
- Transmitter Size: 1.4"W x 2.9"H x 0.5"T
- A-23 Battery Included
- FCC/IC Approved
- Must Be Used With The 017TDC-4 Controller (Not Backwards Compatible With Any Other 017TDC/018 Model!)
- Two Colors Available: Black and White.

TR018-4 $42.00

Motion Alert Annunciator

- Moving objects are detected by changes in reflected light
- Battery operated with 2 "C" Cells (Not Included)
- Ready For Mounting
- 3 Selectable Tones, 8 Note Melody, 2 Note Repeated, 2 Note Alternating Tone
- High & Low Volume Control Switch 77DB (Low) and 84DB (High) @ 3"
- Durable White Molded Plastic Case 3-1/6" X 4-3/8" X 2-3/8"

TR206-2
$33.00

Weatherproof Low Voltage Pushbutton

The Trine 65P is suitable for use in indoor and outdoor applications. They have a neoprene diaphram to protect the integral, long-life, phosphor bronze contact springs, and an additional back plate threaded for 1/2" (13mm) conduit.

TR65P $68.00

3000 Series Mechanism

Smallest Electric Strike In The World

3000 Mechanism Features:

- Grade 1
- 500,000 + life cycles
- 1,500 + lbs. holding force (1,200 lbs. for 334, 3234w)
- Dynamic force 70 ft/lb.
- Solid stainless steel latch and in the device body.
- Accepts a bolt with a up to 5/8" throw
- Non-handed unit (except 458, 478 LO/RO)
- Fail secure - standard action (unlocks with power)
- Fail safe - "RS" (locks with power)
- Mechanism spacers increase cavity depth up to 1/8"
- Available in 12 or 24 volts dc or with a line condition (LC100) which allows 11 thru 29 ac/dc voltage input -- with surge and kickback protection and continuous duty (use rs for fail safe configuration)

3000 Unit Specifications:
- BHMA - A156.31, 2001
- BHMA Grade 1 - All Models (Except 334 & 3234W)
- BHMA Grade 2 - 334 & 3234W

Part #	Voltage	Current/Amps	Ohms	Duty	Sound	Wire	Price
TR3012	12DC	.480	25.0	Intm.	Silent	Blue	$168.00
TR3024	24DC	.240	100.0	Intm.	Silent	White	

30LC & 30RS Mechanism Features:

Be sure to use both LC100 and mechanism together.
The LC100 can be placed up to 15' away!

TR30LC
11-29VAC/VDC
Fail Secure
Continuous
$212.00

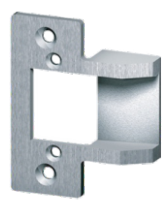
TR30RS
11-29VAC/VDC
Fail Safe
Continuous
$212.00

30LC & 30RS Mechanism Electrical Characteristics

Voltage	Current/Amps	Ohms	Duty	Sound	Wire
12DC	.743/.298	13.0	Intm/Cont	Silent	Red
12AC	.715/.277				
24DC	.397/.170				
24AC	.378/.173				

Faceplates For 3000 Series Mechanisms

2-3/4"
TR234-26D $31.00
TR234-3 $79.00
TR234-10B $36.00



2-3/4"
TR234X-375-26D
$38.00

2-3/4"
TR258-26D $39.00
TR258-10B $42.00

2-3/4"
TR258RD-26D
$40.00

3-3/4"
TR334-26D
$38.00

4-5/8"
TR458-ALUM $69.00
TR458-DKBZ $69.00

4-7/8"
TR478-32D $44.00
TR478-3 $78.00
TR478-10B $60.00

4-7/8"
Strike Has 3/16" Offset, Must Specify Handing: RO Or LO
TR478RO/LO-32D
$44.00

4-7/8"
TR478x-375-32D $61.00
TR478x-375-3 $90.00
TR478x-375-10B $79.00

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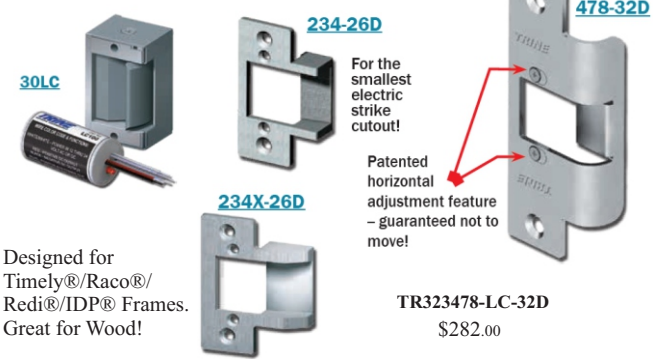
323478-LC KITS

SMALLEST ELECTRIC STRIKE IN THE WORLD

323478LC Includes:
- (1) 234-26D -- 2 3/4" Faceplate
- (1) 234X-375-26D -- 2 3/4" Faceplate with extended ramp
- (1) 478-32D -- 4 7/8" Faceplate
- (1) 30LC - 11-29 AC & DC Mechanism



Designed for Timely®/Raco®/ Redi®/IDP® Frames. Great for Wood!

TR323478-LC-32D
$282.00

3258458-LC KITS

- (1) 258 -- 2 3/4" Faceplate
- (1) 458LH -- 4 5/8" Left Handed Faceplate
- (1) 458RH -- 4 5/8" Right Handed Faceplate
- (1) 30LC - 11-29 AC & DC Mechanism

Smallest aluminum solution available - Great for glass store fronts
Fills frame preparation for many Adams Rite® Locks without relocating tabs.

TR3258458-LC-ALUM
Aluminum
$299.00

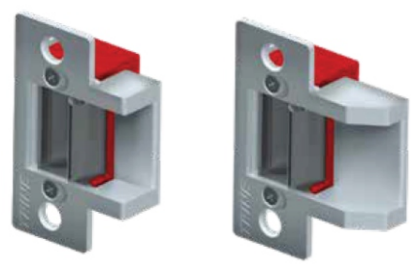
TR3258458-LC-DKBZ
Dark Bronze

323478F-LC

THE FIRE RATED SOLUTION
SMALLEST ELECTRIC STRIKE IN THE WORLD

- Heavy Duty Stainless Steel Construction
- 1" Total Backset
- 1/8" Horizontal Adjustment
- 12-24 AC & DC - surge & kickback protection
- Includes LC100 & Trim skirt (CCFP)

Standards:
- 3-hour fire rated -- UL10C, Fire Tests of Door Assemblies.
- Tested to Grade 1 - Heavy Duty



1/8" HORIZONTAL ADJUSTMENT ON ALL FACEPLETES

Part #		Finish	Price
TR323478F-LC-32D	FAIL SECURE	Satin Stainless Steel	$489.00
TR323478F-LC-DKBZ	FAIL SECURE	Dark Bronze	$503.00

323478FX-LC Extended Lip Solution

- Same features as above!
- Contains the 478X-375 Faceplate for Timely®/Redi®/Raco®/IDP® Frames (instead of the 478 Faceplate.)

Part #		Finish	Price
TR323478FX-LC-32D	FAIL SECURE	Satin Stainless Steel	$499.00
TR323478FX-LC-DKBZ	FAIL SECURE	Dark Bronze	$520.00

3275VRP-LC THE VERTICAL ROD SOLUTION

The 3275VRP is the smallest electric strike solution for vertical rod latches.
Utilizes the heavy duty 3000F series mechanism.
For Use with:
- Sargent 97/68
- Arrow 3700/S1150/600
- Cal-Royal 9860V/F9860V
- Townsteel ED1200F
- Von Duprin 33/35
- Von Duprin 98/99 (Without the Deadlocking option)

Features:
- All stainless steel construction
- Horizontal adjustment
- Metal installation template included (acts as a mounting bracket, too)
- 1/16" spacer plate provided
- Include Trine's patented anchoring system for stability.
- LC100 included - 12/24 AC/DC input with surge and kick back protection
- Tested to Grade 1: BHMA - A156.31
- 1,500 lbs holding force
- 500,000+ life cycles

TR3275VRP-LC-ALUM
Aluminum

TR3275VRP-LC-DKBZ
Dark Bronze

$479.00

4100 Series

The one box solution for cylindrical and mortise locks

Key Features:
- BHMA - Grade 1
- Strong: Exceeds 3,250 lbs. of holding force
- Durable: Exceeds 1,000,000 life cycles
- Cutout specification A115.1 (with slight jamb modification)
- Fail-secure - standard action, unlocks with power
- Fail-Safe - "RS" locks with power
- Patent pending

Standards:
- Class A, 3 hour single door / frame configuration
- WH recognized for UL10C, fire tests of door assemblies
- UBC 7-2, uniform building code
- CAN4 S104, standard method for fire tests of door assemblies
- NFPA 252 - Issue: 1999/01/01 standard methods of fire tests of door assemblies
- Note: WH fire listing is void when using fail safe action.
- UL Listed - 1034 Burglary resistant locking (january 2013) -- mechanism for indoor use only
- ANSI/BHMA A156.5 - 1992 - 4-7/8" x 1-1/4"

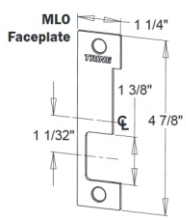
What's In The Box:
1 - (1) 4100 electric strike mechanism
2 - (4) Faceplates with openings (CC, MHO, MMO, MLO)
3 - (2) #12-40 x 1 inch philips mounting screws
4 - (2) #12-40 x 1 inch Torx® security mounting screws
5 - (2) Quick connect socket and wire assembly & 12vdc 24vdc version
6 - (2) Sealed crimp connectors
7 - (2) Latch spacer shims & (2) mounting screws
8 - (1) Frame trim skirt & (2) screws

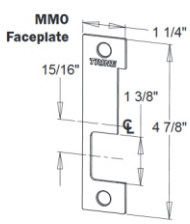
4100 With CC Faceplate

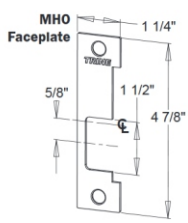
MHO

MMO

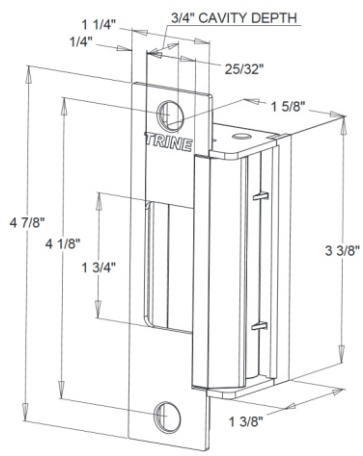
MLO







Volts	Current	Ohms	Duty	Sound
12DC	.240 A	50	Intm./Cont.	Silent
24DC	.114 A	210	Intm./Cont.	Silent
12AC	.210 A	50	Intm.	Buzz
16AC	.280 A	50	Intm.	Buzz
24AC	.420 A	50	Intm.	Buzz



Part #	Description	32D	4	10B	3	32
TR4100	Fail Secure Strike	$599.00	$725.00	$710.00	$775.00	$775.00
TR4100RS	Fail Safe Strike	$599.00	$725.00	$710.00	$775.00	$775.00
TRCCRD	Radius Faceplate	$28.00	----	$55.00	$65.00	----
TRMHO	Faceplate	$28.00	----	$55.00	----	----
TRMMO	Faceplate	$28.00	----	$55.00	----	----
TRMLO	Faceplate	$28.00	----	$55.00	----	----

EN-LB Latchbolt Monitoring

TREN-LB Add $109.00 to the price of the base unit

- Add 'LB' To EN Model #
- For 430 & 435 Only

APPLICATIONS
- Remote central station notification
- local alarm monitoring
- triggering video surveillance & recording system
- active relay for trap door systems

TECHNICAL SPECIFICATIONS
- Honeywell® IR optical sensor
- 4 sensitivity settings for various latch bolt configurations
- NO & NC relay contacts
- single pole, double throw, form "c" relay rated at 1 amp @ 12-24v ac/dc
- module power source rating of 12-24 vdc
- current consumption is 0.034 Amps @ 12VDC & 0.045 Amps @ 24VDC

FEATURES
- Tucks away into doorframe
- Weather resistant heat sink module
- Sensor is concealed out of sight
- Non-mechanical
- Optional on 10 different en strikes
- Ignores ambient light, detecting reflected ir energy from latch bolt
- Quick disconnect sensor ribbon cable from module for simple strike servicing
- Color-coded wire leads

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4300 Series GRADE 1 ELECTRIC STRIKE WITH HORIZONTAL ADJUSTMENT

THE ONE BOX SOLUTION FOR CYLINDRICAL LOCKS AND DEADLATCHES

The most flexible electric strike solution for cylindrical locks and deadlatches.

We include the 4 most used faceplates to make specifying and installing this electic strike easy on any frame, especially aluminum.

4300 Electric Strike Features:
1/8" Horizontal Adjustment
The 4300 has a great 1/4" horizontal adjustment included. Some competitor models require you to buy a more expensive model to get the same flexibility.
Four popular faceplates included -- including the 4 most used faceplates for cylindrical lcoks and deadlatches
1 - 1/16" Shallow backset -- the electric strike solves depth problems, as with glass store fronts.
Low Current Draw -- .240 Amp at 12DC makes it very PoE Friendly 12 & 24DC :: 12 through 24 AC.
All the low voltage and amperage flexibility you need.
The included trim skirt covers any gaps or irregularities on an install, plus it matches the strike finish.
The 3200 electric strike latch solves the auxillery latchpin problems many other electric strikes run into.
Cutout Specification A115.1 (with Slight Jamb Modification)

COMES WITH 4 FACEPLATES

Part #	Finish	Price
TR4300-32D	32D	$248.00
TR4300-BLK	BLACK	$274.00

COMES WITH 2 FACEPLATES

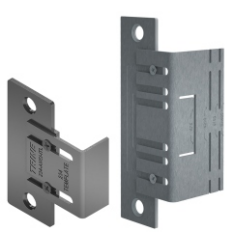
Part #	Finish	Price
TR4300CC-32D	32D	$228.00
TR4300CC-BLK	BLACK	$248.00

Installation Templates

TRANSI-ITL

$85.00

ANSI-ITL Features:
Use to install on all of Trine's 4-7/8" and 2-3/4" tall electric strikes.
Easily bolts to tabs (or screw holes) on frame.
Use the INCLUDED scribe to to mark lines.
4-7/8" tool can be offset to accomadate Schlage L series cutouts for the 4100 or 4100DBDL.
2-3/4" tool adjusts for the 234X 3000 series plate for Timely frames.



TR4850-ITL

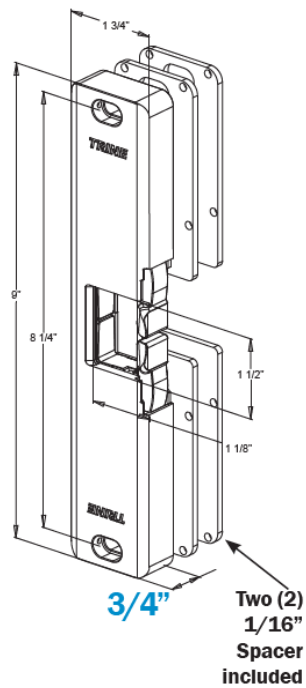
$435.00

4850-ITL Features:
Tool Attaches magnetically to Metal Frames.
Not "just a template", the 4850ITL uses the body of a 4850 electric strike with working latches to provide the most accurate tool for the job.
The Installation Tool lets you "feel the door" on the frame.
Adjust the Strike BEFORE you drill.
Comes with a Custom Center Punch tool to accurately mark Anchoring Pin, Bolt, Wire, and LB wire locations.
1/4" Spacer is used with the Installation Tool when a 3/4" strike is needed.

Axion 4800F

Grade 1 Fire Rated - For Rim Panic Devices

• For use with surface cexit devices with up to 1" throw.
For use in new or replacement installations in wood or metal door frames and tight installs.
• Comes with Trine's Patented 4-Pin Anchoring System for strength and stability.
• Cavity is completely open -- which means the 4800 allows for an incremental depth up to a 1" throw
-- Competitor back plates do not allow for this versatility.
• Built-in electronics automatically allow 11 through 28 AC and DC Voltage input -- with surge and kickback protection.
• Contains a one piece locking mechanism with one solenoid.
Less parts mean less problems.
• Fail-safe/Fail-secure field selectable.
WH fire listing is void when using fail safe action



No Frame Cutting

• 3,000 lbs. Holding Force
• 1,500,000 + Life Cycles
• Stainless Steel Construction
• Fail Secure/Fail Safe Field Selectable
• One Piece Locking Mechanism
• One Solenoid
• Only 3 Holes to Drill for Installation
• Built-In Electronics for 12 Thru 24 Volts AC/DC

Simply Connect 2 Wires And You're All Set!

TR4800F-32D
Satin Stainless Steel
$574.00

Axion 4850 THE ONE BOX SOLUTION FOR RIM PANIC DEVICES

Grade 1

Thinner, Universal Size

Low Current Draw

• Only 1/2" thick
• Comes with a 1/4" and a 1/8" spacer providing excellent flexibility
• Comes with trine's patented 4-pin anchoring system
• Contains a one piece locking-mechanism with one solenoid
• Fail-safe/fail-secure (field selectable)
• Unit will automatically work with 11vdc through 30vdc while providing surge and kickback protection
*New enhanced version replaces 4850poe and 4850LCD

Voltage	Amps	Wire Color	Duty	Sound
12DC	0.218	Red & Blue	Intm./Cont.	Silent
16DC	0.290	Red & Blue	Intm./Cont.	Silent
24DC	0.195	Brown & Blue	Intm./Cont.	Silent

TR4850-605
Bright Brass
$689.00

TR4850-32D
Satin Stainless Steel
$574.00

TR4850-DKBZ
Dark Bronze
$625.00

TR4850-BLK
BLACK
$625.00

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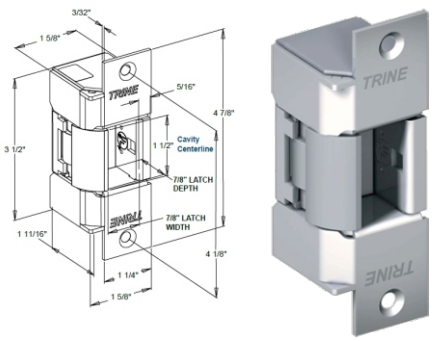
EN-400 1" Throw Based on 1/8" Door Gap

For use in new or replacement installation in wood or metal jambs. Use with mortise exit devices, mortise locks without dead bolts and cylindrical lock-sets having up to 1" throw.



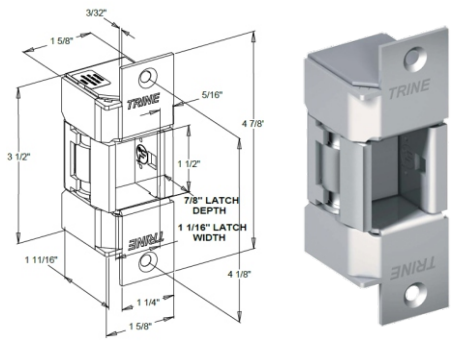
TREN400-32D
$489.00

STANDARDS
- UL Listed -10C (Class A, 3-Hour, Single Swing Door)
- UL Listed -1034 burglary resistant locking mechanism for indoor or outdoor use
- BHMA - 156.31 2001, Grade 1

FEATURES
- Faceplate - 1-1/4" x 4-7/8"
- All Stainless Steel Construction
- Durability - 1,000,000 Life cycles
- Holding Force - 2000 lbs.
- Field Adjustable - Fail Secure or Fail Safe for DC units
- Field Selectable - Left or Right Handed
- Cavity Depth -7/8", Cavity Length 1-1/2", Cavity Width - 3/4"
- LB Indicator Switch Available

EN-400RP 1" Throw Based on 1/8" Door Gap

For use in new or replacement installation in wood or metal jambs. Use with mortise exit devices, mortise locks without dead bolts and cylindrical locksets having up to 1" throw.



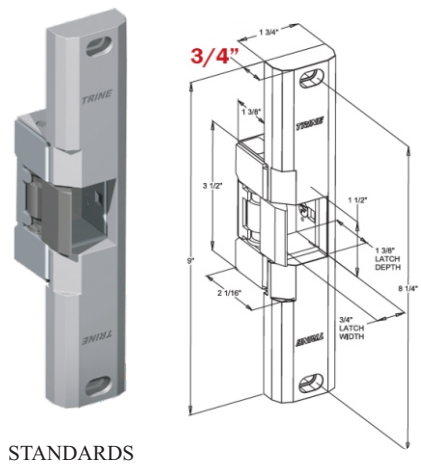
STANDARDS
- UL Listed -1034 Burglary resistant locking mechanism for indoor or outdoor use
- BMHA - 156.31 2001, Grade 1

FEATURES
- Faceplate - 1-1/4" x 4-7/8"
- All Stainless Steel Construction
- Durability - 1,000,000 Life Cycles
- Holding Force - 2000 lbs.
- Field Adjustable - Fail Secure or Fail Safe for DC units
- Field Selectable - Left or Right Handed
- Cavity Depth -7/8", Cavity Length 1-1/2", Cavity Width - 11/16"
- LB Indicator Switch Available

Part #	Finish	Price
TREN400RP	32D	$489.00
TREN400CMRP	32D	$625.00
TR400-Gatebox	Not Painted	$62.00

EN-800

For use in new or replacement installations in wood or metal single door frames. Use with surface mounted rim exit device with up to 1" throw.



STANDARDS
- UL Listed -10C (Class A, 3-hour, Single Swing Door)
- UL Listed -1034 Burglary Resistant Locking Mechanism for Indoor or Outdoor Use
- BMHA - 156.31 2001, Grade 1

FEATURES
- Faceplate - 1-11/16" x 9-3/4"
- All Stainless Steel Construction (Stamped Mechanism and Cast Face Plate)
- Mounting and mechanism holes permit horizontal adjustment for ease of installation
- 45° Face plate ramp - standard feature for deadlocking latch and pins
- Holding Force - 2000 lbs.
- Field Adjustable - Fail Secure or Fail Safe for DC units
- Durability - 1,000,000 Life Cycles
- LB Indicator Switch Available

ELECTRICAL CHARACTERISTIC CHART

FAIL SECURE (Intermittent Duty)

Voltage	Current Amps	OHMs	Sound	Wire Color
12VAC	.70	4.5	Buzz	Blue(1), Orge/Wht(1)
24VAC	.37	18.0	Buzz	Blue(1), Blk/Wht(1)
12VDC	.28	43.0	Silent	Orange/ White(2)
24VDC	.15	164.0	Silent	Black, White(2)

1" Throw Based on 1/8" Door Gap

Part #	Finish	Price
TREN800	32D	$570.00

EN-400CMRP CYLINDRICAL, MORTISE, DEADLATCHES, RIM PANICS

The Flexible 400CMRP Includes:
- A completed strike in the box
- An additional strike latch to handle mortise, cylindrical, and rim panic strikes.
- The EN400-Gatebox - mount the strike anywhere.
- The EN-24DC-CA - change voltage in the field.
- Fail safe/Fail secure field reversible.
- Always Low Current Draw

RP latch

Gatebox

TR400CMRP-32D $637.00
(Satin Stainless Steel)
- unit comes as a 400-12DC-32D-RH; RP (rim panic) latch and 24DC coil are in the box.

TR400RPCM-32D $637.00
(Satin Stainless Steel)
- unit comes as a 400RP-24DC-32D-RH; CM (cylindrical/mortise) latch and 12DC coil are in the box.

EN-Series For Folger Adam Replacement

For use in new or replacement installation in wood or metal jambs.
Use with mortise exit devices, mortise locks without dead bolts and cylindrical locksets having up to 1" throw.

STANDARDS
- UL Listed -10C (Class A, 3-Hour, Single Swing Door)
- UL Listed -1034 Burglary Resistant Locking Mechanism for indoor or outdoor use
- BHMA - 156.31 2001, Grade 1

FEATURES
- Faceplate - 1-3/8" x 9"
- Conforms to Folger Adam 310-2 Cutout
- All Stainless Steel Construction
- Durability - 1,000,000 Life Cycles
- Holding Force - 2000 Ibs.
- Field Adjustable - Fail Secure or Fail Safe for DC units
- Field Selectable - Left or Right Handed
- Cavity Depth -7/8", Cavity Length 1-1/2", Cavity Width - 3/4"
- LB Indicator Switch Available

ELECTRICAL CHARACTERISTIC CHART

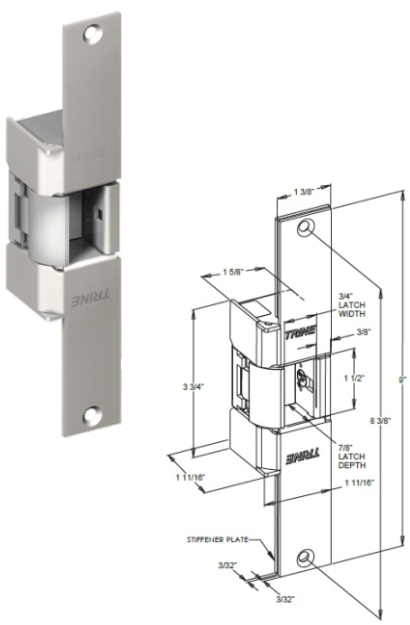
FAIL SECURE (Intermittent Duty)

Voltage	Current Amps	OHMs	Sound	Wire Color
12VAC	.70	4.5	Buzz	Blue(1), Orge/Wht(1)
24VAC	.37	18.0	Buzz	Blue(1), Blk/Wht(1)
12VDC	.28	43.0	Silent	Orange/ White(2)
24VDC	.15	164.0	Silent	Black, White(2)

1" Throw Based on 1/8" Door Gap

EN-950

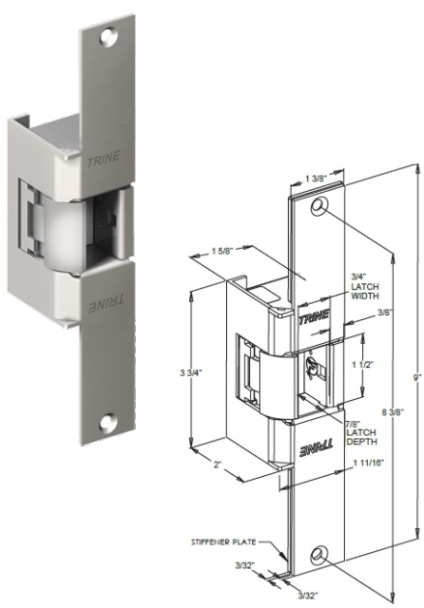
Fits Folger Adam® 310-2 Cutout



Part #	Finish	Price
TREN950	32D	$582.00

EN-960

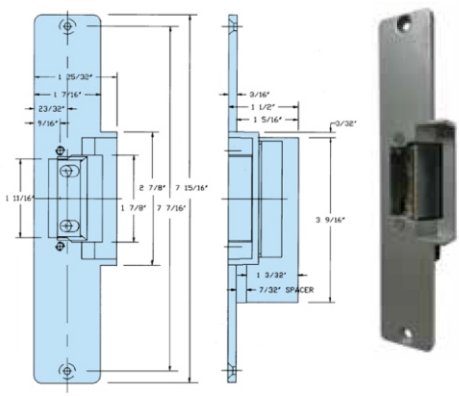
Fits Folger Adam® 310-2-3/4 Cutout



Part #	Finish	Price
TREN960	32D	$650.00

2002

For use in new or replacement aluminum or hollow metal jamb installations. For use with locksets having up to 5/8" throw.



FEATURES
- Faceplate - 7-15/16" x 1-7/16"
- Auxiliary Ramp - 2-7/8" - For locksets with auxiliary dead locking levers
- 1/8" Horizontal Latch Adjustment
- Removable Latch Guard
- Durability - 500,000 Life Cycles
- Holding Force - 900 Ibs.
- Solid Cast Latch - Chrome Plated
- Cavity Depth - 9/16", Cavity Length 1-11/16", Cavity Width - 5/8"
- Releases Under Door Pre-Load
- Mortise Backset - 1-9/16"
- Non-Handed Operation

ELECTRICAL CHARACTERISTIC CHART

FAIL SECURE (Intermittent Duty)

Voltage	Current Amps	OHMs	Duty	Sound
6-14VAC	.44-1.1	8.5	Int.	Buzz
6-14VDC	.70-1.6	8.5	Int.	Silent
16-24VAC	.22-.33	50	Int.	Buzz
16-24VDC	.32-.47	50	Int.	Silent
12DC	.200	60	Cont.	Silent
24DC	.110	220	Cont.	Silent

5/8" Throw Based On 1/8" Door Gap

FAIL SAFE (Reverse Action)

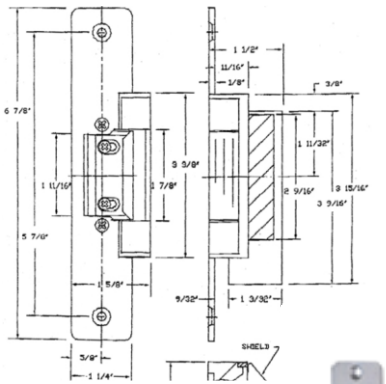
Voltage	Current Amps	OHMs	Duty	Sound
12DC	.200	60	Cont.	Silent
24DC	.110	220	Cont.	Silent

Part #	Finish	Price
TR2002	Alum. Power Coat	$133.00
TR2002DB	Dk Bronze Power Coat	$138.00
TR2002RS	Alum. Power Coat	$153.00
TR2002DBRS	Dk Bronze Power Coat	$158.00

The pricing in this catalog is from December 2024. Prices are subject to change. Check our website, or call for current pricing.

2678

For use in new or replacement, aluminum or hollow metal jamb installations. Auxiliary lever ramps for use with locksets which contain dead locking levers. For use with locksets having up to 5/8" throw.



FEATURES
- Faceplate - 6-7/8" x 1-1/4"
- Auxiliary Ramp - 3-3/8" - For locksets with auxiliary dead locking levers
- Removable Latch Guard
- Durability - 500,000 Life Cycles
- Holding Force - 900 Ibs.
- Solid Cast Latch - Chrome Plated
- Cavity Depth - 9/16", Cavity Length 1-11/16", Cavity Width - 5/8"
- Releases Under Door Preload
- Mortise Backset - 1-1/2"
- Non-Handed Operation
- Corrosion Resistant

ELECTRICAL CHARACTERISTIC CHART

FAIL SECURE (Intermittent Duty)

Voltage	Current Amps	OHMs	Duty	Sound
6-14VAC	.44-1.1	8.5	Int.	Buzz
6-14VDC	.70-1.6	8.5	Int.	Silent
16-24VAC	.22-.33	50	Int.	Buzz
16-24VDC	.32-.47	50	Int.	Silent
12DC	.200	60	Cont.	Silent
24DC	.110	220	Cont.	Silent

FAIL SAFE (Reverse Action)

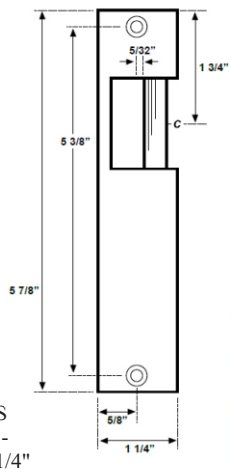
Voltage	Current Amps	OHMs	Duty	Sound
12DC	.200	60	Cont.	Silent
24DC	.110	220	Cont.	Silent

5/8" Throw Based on 1/8" Door Gap

Part #	Finish	Price
TR2678	Satin Aluminum	$145.00
TR2678SB	Satin Bronze	$151.00

001

For use in new or replacement installation in wood or metal jambs. For use with locksets having up to 1/2" throw.



FEATURES
- Faceplate - 5-7/8" x 1-1/4"
- Scratch and Corrosion Resistant Faceplate
- Durability - 500,000 Life Cycles
- Holding Force - 1000 Ibs.
- Narrow Style - Faceplate 1-1/4" Wide
- Solid Cast Latch - Chrome Plated
- Cavity Depth - 1/2", Cavity Length 1-1/2" Cavity Width - 9/16"
- Mortise Backset - 1-9/16"
- Heavy Duty Latch Spring
- Non-Handed Operation
- Fail Secure (Standard) Unlocks With Power

ELECTRICAL CHARACTERISTIC CHART

FAIL SECURE (Intermittent Duty)

Voltage	Current Amps	OHMs	Sound	Wire Color
8-16VAC/ 4-6VDC	1.3-2.7	1.4	Buzz	Black(2)
12VDC	.40	30	Silent	White(1), Red(1)
24VAC	1.4	4.7	Buzz	Red(2)
24VDC	.19	125	Silent	White(1), Black(1)

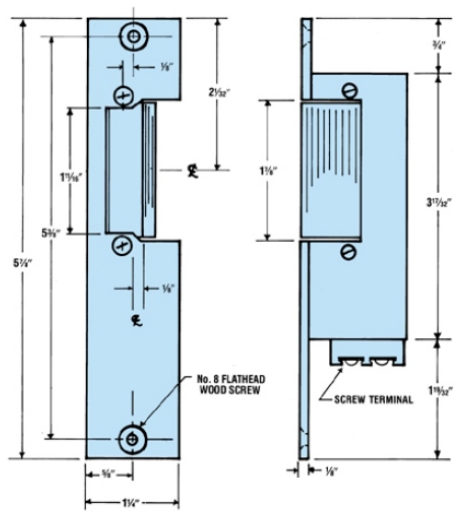
FAIL SAFE (Reverse Action)

Voltage	Current Amps	OHMs	Sound	Wire Color
12VDC	.40	30	Silent	White(1), Red(1)
24VDC	.19	125	Silent	White(1), Black(1)

Part #	Finish	Price
TR001	Brass Power Coat	$62.00
TR001C	Satin Chrome	$69.00
TR001RS	Brass Power Coat	$82.00
TR001CRS	Satin Chrome	$89.00

1001-2

For use in new or replacement installations in metal jambs. For use with locksets having up to 1/2" throw.



FEATURES
- Faceplate - 5-7/8" x 1-1/4"
- Corrosion Resistant Faceplate & Latch
- Durability - 500,000 Life Cycles
- Releases Under Pressure From Door
- Holding Force - 1000 Ibs.
- Narrow Style - Faceplate 1-1/4" Wide
- Heavy Duty Armature & Latch Spring
- Solid Cast Latch - Chrome Plated
- Screw Terminals for quick connection
- Cavity Depth - 9/16", Cavity Length 1-11/16", Cavity Width - 9/16"
- Mortise Backset - 1-1/2"
- Heavy Duty Latch Spring
- Non-Handed Operation
- Fail Secure (Standard) Unlocks with power

ELECTRICAL CHARACTERISTIC CHART

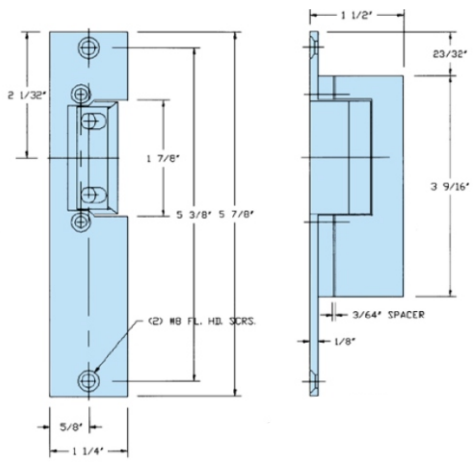
FAIL SECURE (Intermittent Duty)

Voltage	Current Amps	OHMs	Sound	Wire Color
14-24VAC	.27-.48	37	Buzz	Black(2)
14-24VDC	.38-.61	37	Silent	White(1), Red(1)
6-12VAC	.495-1.09	5.2	Buzz	Red(2)
6-12VDC	.650-1.24	5.2	Silent	White(1), Black(1)

Part #	Finish	Price
TR1001-2B	Brass Powder Coat	$90.00
TR1001-2C	Satin Chrome	$98.00

2001

For use in new or replacement installation in wood or metal jambs. For use with locksets having up to 5/8" throw.



FEATURES
- Faceplate - 5-7/8" x 1-1/4"
- 1/8" Horizontal Latch Adjustment
- Corrosion Resistant Faceplate, Latch & Mechanism
- Durability - 500,000 Life Cycles
- Releases under pressure from the door
- Holding Force - 900 lbs.
- Narrow Style - Faceplate 1-1/4" Wide
- Heavy Duty Armature & Latch Spring
- Solid Cast Latch - Chrome Plated
- Screw terminals for quick connection
- Cavity Depth - 9/16", Cavity Length 1-11/16", Cavity Width - 5/8"
- Mortise Backset - 1-9/16"
- Non-Handed Operation
- Fail Secure (Standard) unlocks with power

ELECTRICAL CHARACTERISTIC CHART

FAIL SECURE (Intermittent Duty)

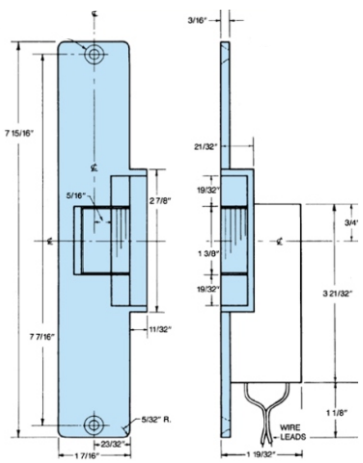
Voltage	Current Amps	OHMs	Duty	Sound
6-14VAC	.44-1.1	8.5	Int.	Buzz
6-14VDC	.70-1.6	8.5	Int.	Silent
16-24VAC	.22-.33	50	Int.	Buzz
16-24VDC	.32-.47	50	Int.	Silent
12DC	.200	60	Cont.	Silent
24DC	.110	220	Cont.	Silent

5/8" Throw Based on 1/8" Door Gap

Part #	Finish	Price
TR2001	Brass Power Coat	$115.00
TR2001C	Polished Chrome	$121.00

002

For use in new or replacement installation in wood or metal jambs. Auxiliary lever ramps for use with locksets which contain dead locking levers. For use with locksets having up to 1/2" throw.



FEATURES
- Faceplate - 7-15/16" X 1-7/16"
- Auxiliary Ramp - 2-7/8" - For Locksets With Auxiliary Dead Locking Levers
- Durability - 500,000 Life Cycles
- Holding Force - 1000 lbs.
- Narrow Style - Faceplate 1-1/4" Wide
- Cavity Depth -1/2", Cavity Length 1-1/2", Cavity Width - 9/16"
- Mortise Backset - 1-9/16"
- Heavy Duty Latch Spring
- Non-Handed Operation
- Fail Secure (Standard) unlocks with power

ELECTRICAL CHARACTERISTIC CHART

FAIL SECURE (Intermittent Duty)

Voltage	Current Amps	OHMs	Sound	Wire Color
8-16VAC/ 4-6VDC	1.3-2.7	1.4	Buzz	Black(2)
12VDC	.40	30	Silent	White(1), Red(1)
24VAC	1.4	4.7	Buzz	Red(2)
24VDC	.19	125	Silent	White(1), Black(1)

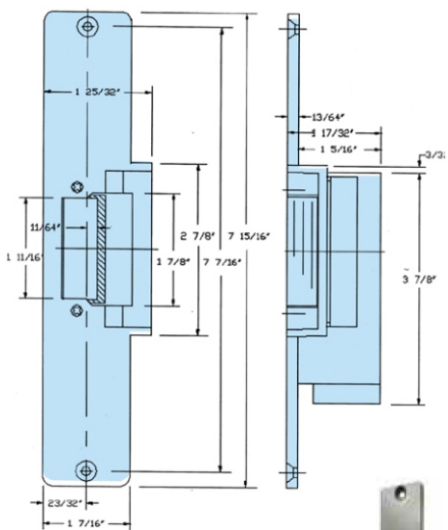
FAIL SAFE

Voltage	Current Amps	OHMs	Sound	Wire Color
12VDC	.40	30	Silent	White(1), Red(1)
24VDC	.19	125	Silent	White(1), Black(1)

Part #	Finish	Price
TR002	Alum. Power Coat	$102.00
TR002DB	Dark Bronze Power Coat	$107.00
TR002RS	Alum. Power Coat	$122.00

1002-2

For use in new or replacement installations in wood and metal jambs. Auxiliary lever ramps for use with locksets which contain dead locking levers. For use with locksets having up to 5/8" throw.



FEATURES
- Faceplate - 7-15/16" X 1-7/16"
- Auxiliary Ramp - 2-7/8" - For Locksets With Auxiliary Dead Locking Levers
- Durability - 500,000 Life Cycles
- Releases Under Door Preload
- Holding Force - 1000 lbs.
- Solid Cast Latch - Chrome Plated
- Cavity Depth -9/16", Cavity Length 1-11/16", Cavity Width - 9/16"
- Screw Terminals - For Quick connection
- Mortise Backset - 1-1/2"
- Heavy Duty Latch Spring
- Non-Handed Operation
- Fail Secure (Standard) unlocks with power

ELECTRICAL CHARACTERISTIC CHART

FAIL SECURE (Intermittent Duty)

Voltage	Current Amps	OHMs	Sound	Wire Color
12-24VAC	.27-.48	37	Buzz	Black(2)
12-24VDC	.38-.61	37	Silent	White(1), Red(1)
6-12VAC	.495-1.09	5.2	Buzz	Red(2)
6-12VDC	.650-1.24	5.2	Silent	White(1), Black(1)

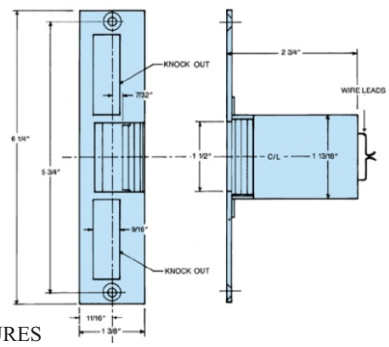
5/8" Throw Based on 1/8" Door Gap

Part #	Finish	Price
TR1002-2A	Aluminum	$118.00
TR1002-2DB	Dark Bronze	$123.00

The pricing in this catalog is from December 2024. Prices are subject to change. Check our website, or call for current pricing.

004

For use in new or replacement installations in wood jambs. Use with locksets with individual deadbolts. Deadbolts cannot be released electrically. For use with locksets having up to 1/2" throw.



FEATURES
- Faceplate - 6-1/4" X 1 3/8"
- Scratch and Corrosion Resistant Faceplate
- Durability - 500,000 Life Cycles
- Holding Force - 1000 Ibs.
- Solid Cast Latch - Chrome Plated
- Cavity Depth - ½", Cavity Length 1-1/2" Cavity Width - 9/16"
- Mortise Backset - 2-3/4"
- Deadbolt Knockouts Top & Bottom - 1-11/16" X 9/16"
- Non-Handed Operation
- Fail Secure (Standard) Unlocks With Power

ELECTRICAL CHARACTERISTIC CHART

FAIL SECURE (Intermittent Duty)

Voltage	Current Amps	OHMs	Sound	Wire Color
8-16VAC/ 4-6VDC	1.3-2.7	1.4	Buzz	Black(2)
12VDC	.40	30	Silent	White(1), Red(1)
24VAC	1.4	4.7	Buzz	Red(2)
24VDC	.19	125	Silent	White(1), Black(1)

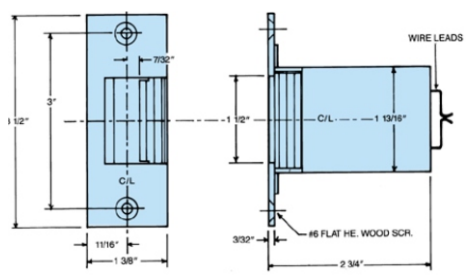
FAIL SAFE (Reverse Action)

Voltage	Current Amps	OHMs	Sound	Wire Color
12VDC	.40	30	Silent	White(1), Red(1)
24VDC	.19	125	Silent	White(1), Black(1)

Part #	Finish	Price
TR004	Brass Power Coat	$117.00
TR004RS	Brass Power Coat	$137.00
TR004C	Satin Chrome	$129.00
TR004DB	Dk Bronze Power Coat	$124.00

005

For use in replacement installations in wood jambs and iron gates. Use with bored cylindrical locksets. For use with locksets having up to 1/2" throw.



FEATURES
- Faceplate - 1-3/8" X 3-1/2"
- Scratch and Corrosion Resistant Faceplate
- Durability - 500,000 Life Cycles
- Holding Force - 1000 Ibs.
- Solid Cast Latch - Chrome Plated
- Cavity Depth - 1/2", Cavity Length 1-1/2" Cavity Width - 9/16"
- Mortise Backset - 2-3/4"
- Heavy Duty Latch Spring
- Non-Handed Operation
- Fail Secure (Standard) Unlocks With Power
- One-piece Release Mechanism - (U.S. Patent #4,984,835)

ELECTRICAL CHARACTERISTIC CHART

FAIL SECURE (Intermittent Duty)

Voltage	Current Amps	OHMs	Sound	Wire Color
8-16VAC/ 4-6VDC	1.3-2.7	1.4	Buzz	Black(2)
12VDC	.40	30	Silent	White(1), Red(1)
24VAC	1.4	4.7	Buzz	Red(2)
24VDC	.19	125	Silent	White(1), Black(1)

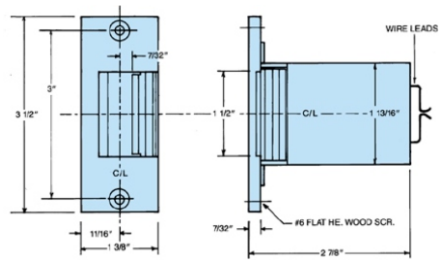
FAIL SAFE (Reverse Action)

Voltage	Current Amps	OHMs	Sound	Wire Color
12VDC	.40	30	Silent	White(1), Red(1)
24VDC	.19	125	Silent	White(1), Black(1)

Part #	Finish	Price
TR005	Brass Power Coat	$78.00
TR005C	Satin Chrome	$87.00
TR005RS	Brass Power Coat	$98.00
TR005CRS	Satin Chrome	$107.00

S005

For use in replacement installations in wood jambs and iron gates. Use with bored cylindrical locksets. For use with locksets having up to 5/8" throw.



FEATURES
- Faceplate - 1-3/8" X 3 1/2"
- Scratch and Corrosion Resistant Faceplate
- Durability - 500,000 Life Cycles
- Holding Force - 1000 Ibs.
- Solid Cast Latch - Chrome Plated
- Cavity Depth - 5/8", Cavity Length 1-1/2", Cavity Width - 23/32"
- Mortise Backset - 2-7/8"
- Heavy Duty Latch Spring
- Non-Handed Operation
- Fail Secure (Standard) Unlocks With Power
- One-Piece Release Mechanism - (U.S. Patent #4,984,835)

ELECTRICAL CHARACTERISTIC CHART

FAIL SECURE (Intermittent Duty)

Voltage	Current Amps	OHMs	Sound	Wire Color
8-16VAC/ 4-6VDC	1.3-2.7	1.4	Buzz	Black(2)
12VDC	.40	30	Silent	White(1), Red(1)
24VAC	1.4	4.7	Buzz	Red(2)
24VDC	.19	125	Silent	White(1), Black(1)

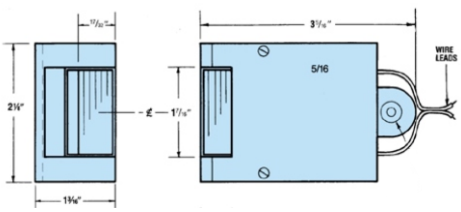
FAIL SAFE (Reverse Action)

Voltage	Current Amps	OHMs	Sound	Wire Color
12VDC	.40	30	Silent	White(1), Red(1)
24VDC	.19	125	Silent	White(1), Black(1)

Part #	Finish	Price
TRS005	Brass Power Coat	$92.00
TRS005C	Satin Chrome	$102.00
TRS005RS	Brass Power Coat	$112.00
TRS005CRS	Satin Chrome	$122.00

006

For surface mount installations on metal or wood jambs, for inswinging applications. Use with locksets or night latches having up to 1/2" throw. When mounted on a pair of doors, strike is mounted to the inactive leaf.



FEATURES
- Faceplate - 1-3/16" x 2-1/8"
- Surface Mounted
- Die Cast Housing
- Durability - 300,000 Life Cycles
- Holding Force - 1000 Ibs.
- Solid Cast Latch - Chrome Plated
- Cavity Depth - 1/2", Cavity Length 1-3/8" Cavity Width - 1/2"
- Heavy Duty Latch Spring
- Non-Handed Operation
- Fail Secure (Standard) Unlocks With Power
- One-Piece Release Mechanism - (U.S. Patent #4,984,835)

ELECTRICAL CHARACTERISTIC CHART

FAIL SECURE (Intermittent Duty)

Voltage	Current Amps	OHMs	Sound	Wire Color
8-16VAC/ 4-6VDC	1.3-2.7	1.4	Buzz	Black(2)
12VDC	.40	30	Silent	White(1), Red(1)
24VAC	1.4	4.7	Buzz	Red(2)
24VDC	.19	125	Silent	White(1), Black(1)

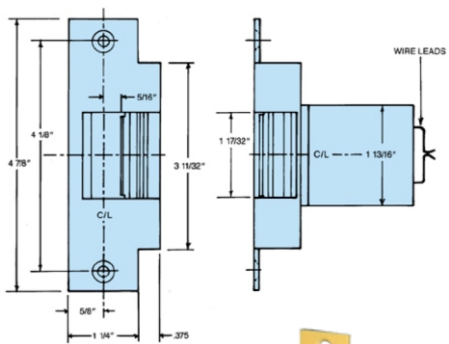
FAIL SAFE (Reverse Action)

Voltage	Current Amps	OHMs	Sound	Wire Color
12VDC	.40	30	Silent	White(1), Red(1)
24VDC	.19	125	Silent	White(1), Black(1)

Part #	Finish	Price
TR006	Brass Power Coat	$127.00
TR006RS	Brass Power Coat	$147.00

007

For use in new or replacement installations in wood jambs. For use with locksets having up to 1/2" throw.



FEATURES
- Faceplate - 1-1/4" x 4-7/8"
- Scratch And Corrosion Resistant Faceplate
- Durability - 500,000 Life Cycles
- Holding Force - 1000 Ibs.
- Solid Cast Latch - Chrome Plated
- Cavity Depth - 5/8", Cavity Length 1-1/2" Cavity Width - 3/4"
- Mortise Backset - 2-7/8"
- Heavy Duty Latch Spring
- Non-Handed Operation
- Fail Secure (Standard) Unlocks With Power
- One-Piece Release Mechanism - (U.S. Patent #4,984,835)

ELECTRICAL CHARACTERISTIC CHART

FAIL SECURE (Intermittent Duty)

Voltage	Current Amps	OHMs	Sound	Wire Color
8-16VAC/ 4-6VDC	1.3-2.7	1.4	Buzz	Black(2)
12VDC	.40	30	Silent	White(1), Red(1)
24VAC	1.4	4.7	Buzz	Red(2)
24VDC	.19	125	Silent	White(1), Black(1)

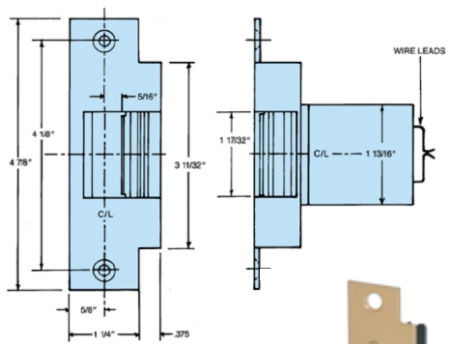
FAIL SAFE (Reverse Action)

Voltage	Current Amps	OHMs	Sound	Wire Color
12VDC	.40	30	Silent	White(1), Red(1)
24VDC	.19	125	Silent	White(1), Black(1)

Part #	Finish	Price
TR007	Brass Power Coat	$121.00
TR007C	Satin Chrome	$127.00
TR007RS	Brass Power Coat	$141.00
TR007CRS	Satin Chrome	$147.00

2007

For use in new or replacement installations in metal frames. fits a standard 4-7/8" ANSI prep with minimal jamb modifications. For use with locksets having up to ½" throw.



FEATURES
- Faceplate - 1-1/4" x 4-7/8"
- 1/8" Horizontal Latch Adjustment
- Durability - 500,000 Life Cycles
- Holding Force - 900 Ibs.
- Solid Cast Latch - Chrome Plated
- Cavity Depth - 9/16", Cavity Length 1-9/16", Cavity Width - 5/8"
- Mortise Backset - 1-3/8"
- Releases Under Door Pre-Load
- Non-Handed Operation

ELECTRICAL CHARACTERISTIC CHART

FAIL SECURE (Intermittent Duty)

Voltage	Current Amps	OHMs	Duty	Sound
6-14VAC	.44-1.1	8.5	Int.	Buzz
6-14VDC	.70-1.6	8.5	Int.	Silent
16-24VAC	.22-.33	50	Int.	Buzz
16-24VDC	.32-.47	50	Int.	Silent
12DC	.200	60	Cont.	Silent
24DC	.110	220	Cont.	Silent

FAIL SAFE

Voltage	Current Amps	OHMs	Duty	Sound
12DC	.200	60	Cont.	Silent
24DC	.110	220	Cont.	Silent

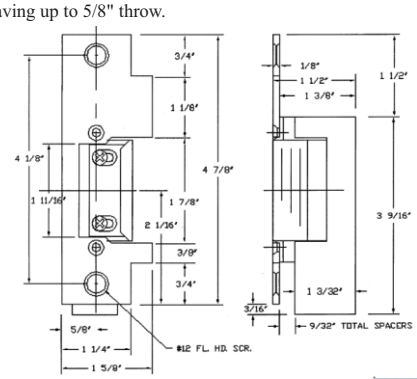
5/8" Throw Based On 1/8" Door Gap

Part #	Finish	Price
TR2007	Brass Power Coat	$143.00
TR2007C	Satin Chrome	$148.00
TR2007RS	Brass Power Coat	$163.00
TR2007CRS	Satin Chrome	$168.00

The pricing in this catalog is from December 2024. Prices are subject to change. Check our website, or call for current pricing.

2009

For use in new or replacement installations in metal frames. centerline of the latch is 3/8" below ANSI centerline for offset application. Fits a standard 4-7/8" ANSI prep with minimal jamb modifications. For use with locksets having up to 5/8" throw.



FEATURES
- Steel Faceplate - 1-1/4" x 4-7/8"
- 1/8" Horizontal Latch Adjustment
- Durability - 500,000 Life Cycles
- Holding Force - 900 lbs.
- Solid Cast Latch - Chrome Plated
- Cavity Depth - 9/16", Cavity Length 1-11/16", Cavity Width - 5/8"
- Mortise Backset - 1-3/8"
- Releases Under Door Pre-Load
- Non-Handed Operation

ELECTRICAL CHARACTERISTIC CHART

FAIL SECURE (Intermittent Duty)

Voltage	Current Amps	OHMs	Duty	Sound
6-14VAC	.44-1.1	8.5	Int.	Buzz
6-14VDC	.70-1.6	8.5	Int.	Silent
16-24VAC	.22-.33	50	Int.	Buzz
16-24VDC	.32-.47	50	Int.	Silent
12DC	.200	60	Cont.	Silent
24DC	.110	220	Cont.	Silent

FAIL SAFE (Reverse Action)

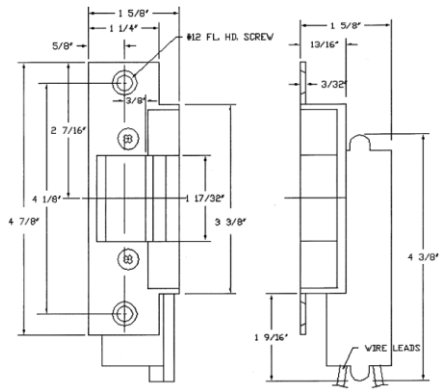
Voltage	Current Amps	OHMs	Duty	Sound
12DC	.200	60	Cont.	Silent
24DC	.110	220	Cont.	Silent

5/8" Throw Based on 1/8" Door Gap

Part #	Finish	Price
TR2009	Brass Power Coat	$150.00
TR2009C	Bright Chrome	$156.00
TR2009RS	Brass Power Coat	$170.00
TR2009CRS	Bright Chrome	$176.00

012

For use in new or replacement installations in metal jambs. For use with locksets having up to 9/16" throw.



FEATURES
- Faceplate - 1-1/4" x 4-7/8"
- Scratch and Corrosion Resistant Faceplate
- Durability - 300,000 Life Cycles
- Holding Force - 1200 lbs.
- Solid Cast Latch - Chrome Plated
- Cavity Depth - 9/16", Cavity Length 1-1/2", Cavity Width - 9/16"
- Mortise Backset - 1-5/8"
- Heavy Duty Latch Spring
- Solenoid Actuated - Push/Pull Linkage (Patent #3,910,617)

ELECTRICAL CHARACTERISTIC CHART

FAIL SECURE (Intermittent Duty)

Voltage	Current Amps	OHMs	Sound
10-16VAC	.60-.90	10.0	Buzz
6-12VDC	.50-1.0	10.0	Silent
24VAC	.42	47.0	Buzz
24VDC	.20	119.0	Silent

FAIL SAFE (Reverse Action)

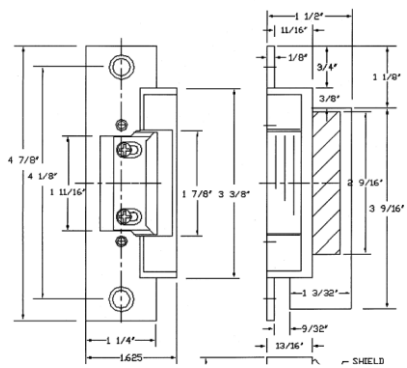
Voltage	Current Amps	OHMs	Sound
24VDC	.20	119.0	Silent

Discontinued when out, call for availability

Part #	Finish	Price
TR012	Brass Power Coat	$144.00
TR012RS	Brass Power Coat	$164.00
TR012C	Satin Chrome	$149.00
TR012CRS	Satin Chrome	$169.00

2012

For use in new or replacement, aluminum or hollow metal jamb installations with locksets having up to 5/8" throw.



FEATURES
- Steel Faceplate - 1-1/4" X 4-7/8"
- 1/8" Horizontal Latch Adjustment
- Durability - 500,000 Life Cycles
- Holding Force - 900 lbs.
- Cavity Depth - 9/16", Cavity Length 1-11/16", Cavity Width - 5/8"
- Mortise Backset - 1-1/2"
- Releases Under Door Pre-Load
- Non-Handed Operation
- Corrosion Resistant - Face Plate, Latch & Mechanism

ELECTRICAL CHARACTERISTIC CHART

FAIL SECURE (Intermittent Duty)

Voltage	Current Amps	OHMs	Duty	Sound
6-14VAC	.44-1.1	8.5	Int.	Buzz
6-14VDC	.70-1.6	8.5	Int.	Silent
16-24VAC	.22-.33	50	Int.	Buzz
16-24VDC	.32-.47	50	Int.	Silent
12DC	.200	60	Cont.	Silent
24DC	.110	220	Cont.	Silent

FAIL SAFE (Reverse Action)

Voltage	Current Amps	OHMs	Duty	Sound
12DC	.200	60	Cont.	Silent
24DC	.110	220	Cont.	Silent

5/8" Throw Based on 1/8" Door Gap

Part #	Finish	Price
TR2012	Satin Brass	$157.00
TR2012C	Bright Chrome	$162.00
TR2012RS	Satin Brass	$177.00
TR2012CRS	Bright Chrome	$182.00