## MS

## ENGINEERED FOR MOTION

## 2015 RETAIL PRICE LIST

| Pages 1-2 | SafePath ${ }^{\text {TM }}$ Door Activation \& Safety Sensor Products S.A.F.E. |
| :---: | :---: |
| Pages 2-8 | Sedco ${ }^{\text {TM }}$ Door Activation Switch Products, Bollards |
| Pages 8-10 | ClearP,ath) \|| $\left.\right\|_{\text {Mem }}$ Radio Control Products |
| Pages 10-11 |  |
| Page 11-12 | AccuGuard ${ }^{\text {TM }}$ Safety Beams |
| Page 12 | Door Decals |
| Page 13 | $\square$ The Commander Series ${ }^{\text {TM }}$ Timing Controls |
| Page 14 | Guide Rails \& Bumper Guards |
| Page 15 | Door Products Repair \& Return Policy |

DESCRIPTION

## SafePath ${ }^{T M}$ Door Activation \& Safety Sensor Products

 Microwave Sensors microStar-M

Microwave Motion Sensor w/Human Presence RadarTM (HPR ${ }^{\text {TM }}$ ) for activating all types of automatic doors. Unparalleled motion detection protects slow moving pedestrians from doors closing prematurely.

- Fits 1 3/4" door frames
- Visible LEDs to verify activation
- Install mode lets pattern be set without cycling doors
- HPR ${ }^{\text {TM }}$ provides additional level of motion protection after initial door activation
- Adjustable Unidirectional \& Bi-directional
- Narrow \& Wide Pattern Antennas
- Dual Axis Angle Adjustment
microStar Accessories
MS-BDB
Universal mounting bracket for microStar.
MSRC
Rain cover.
ID20


Long-Range Microwave Motion Sensor for activating industrial doors.

- Provides motion detection for vehicles and equipment up to 60 ft . away
- Sealed aluminum, weather proof housing
- Selectable Approach-only or Depart-only detection reduces unwanted door openings

Infrared Sensors
DH400


Floor Reflection Method Active Infrared Presence Sensor. Provides safety protection for all types of automatic pedestrian doors.

- One sensor covers safety zone application (single or pair: swing, slide, fold)
- 5 rows of 12 points per row provide up to 60 detection zones for a dense safety pattern
- Adjustable pattern width and depth


## DH94



Floor Reflection Method Active Infrared Presence Sensor. Provides safety protection for automatic pedestrian sliding doors with shallow approaches.

- 4 rows of 32 individual detection zones provides a dense safety pattern
- Adjustable pattern width and depth


## DH17i



High-Mount Floor Reflection Method Active Infrared Motion or Presence Sensor for industrial door applications. Provides a precise zone of either motion detection for door activation or presence detection for safety.

- High-Mount applications between 10 ft . and 20 ft .
- 4 rows of 24 individual detection zones provides a sensing area comparable to an in-ground loop detector
- Selectable motion or presence detection up to 20 ft . from the door
- Adjustable pattern width and depth

Infrared Combination Motion and Presence Sensors DH100

Floor Reflection Method Active Infrared Motion \& Presence Sensor. Provides all-in-one door activation and safety for automatic pedestrian sliding doors.

- 5 rows of 40 individual detection zones provides a dense rectangular pattern
- Adjustable pattern width and depth

DESCRIPTION

## SafePath ${ }^{\text {TM }}$ Door Activation \& Safety Sensor Products (continued) S.A.F.E.

 DHR3

Combination Microwave Motion and Active Infrared Presence Sensor. Provides both activation and safety protection for automatic sliding and folding doors.

- One sensor provides motion detection for door activation while simultaneously providing a dense safety pattern at the threshold of the door
- 2 to 5 rows of Floor Reflection Method Presence Detection
- Adjustable pattern width and depthInfrared Sensor AccessoriesDH-BDB55
Universal mounting bracket for DH400 \& DHR3.
DH-MP
25
Mounting plate adapts the DH400 \& DHR3 for attaching to 2" doorframes.DHRC40Molded plastic rain cover for DH400, DH100, \& DHR3.
Infrared Door Mounted Sensors


## SSS-5M1

Active Infrared Presence Sensor with Position Sensitive Detection (PSD) technology provides precise safety protection within the path of any moving swing, bi-fold or revolving door panel •Easy dip switch set up

- Adjustable detection angle, distance and width
- Mounts at the top of the door out of harms way

SSS-5M1: Sensor Module and 27 1/4" Housing

## Sedco ${ }^{\text {TM }}$ Door Activation Switch Products

Switches include a hardware pack consisting of a water-resistant bellow, wire terminal connectors and tamper-proof screws.

## 59 Series



4 1⁄2" Square Stainless Steel Switches.

- 59-H: Blue Face Plate WHEELCHAIR/PRESS TO OPERATE DOOR
- 59-HSS: Stainless Steel Face Plate WHEELCHAIR/PRESS TO OPERATE DOOR
- 59-P: Stainless Steel Face Plate PRESS TO OPERATE DOOR
- 59-W: Blue Face Plate WHEELCHAIR
- 59-WSS: Stainless Steel Face Plate WHEELCHAIR
-59-PLAIN: Stainless Steel Face Plate NO LEGEND
-59-E-R: Red Face Plate PUSH TO EXIT
59R4 Series


4 1/2" Round Stainless Steel Switches.

- 59R4-H: Blue Face Plate WHEELCHAIR/PRESS TO OPERATE DOOR
- 59R4-HSS: Stainless Steel Face Plate WHEELCHAIR/PRESS TO OPERATE DOOR
-59R4-P: Stainless Steel Face Plate PRESS TO OPERATE DOOR
- 59R4-W: Blue Face Plate WHEELCHAIR
-59R4-WSS: Stainless Steel Face Plate WHEELCHAIR
-59R4-PLAIN: Stainless Steel Face Plate NO LEGEND
59R6 Series
6" Round Stainless Steel Switches.
- 59R6-H: Blue Face Plate WHEELCHAIR/PRESS TO OPERATE DOOR
- 59R6-HSS: Stainless Steel Face Plate WHEELCHAIR/PRESS TO OPERATE DOOR
- 59R6-P: Stainless Steel Face Plate PRESS TO OPERATE DOOR
- 59R6-W: Blue Face Plate WHEELCHAIR
- 59R6-WSS: Stainless Steel Face Plate WHEELCHAIR
- 59R6-PLAIN: Stainless Steel Face Plate NO LEGEND

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## PART \# <br> DESCRIPTION

## Sedco ${ }^{\text {TM }}$ Door Activation Switch Products (continued)


$1^{11} / 16^{\prime \prime} \times 4 \frac{1}{2 \prime \prime}$ " Stainless Steel Jamb Switches.

- 59J-H: Blue Face Plate WHEELCHAIR/PUSH TO OPEN
- 59J-HSS: Stainless Steel Face Plate WHEELCHAIR/PUSH TO OPEN
- 59J-P: Stainless Steel Face Plate PUSH TO OPEN
- 59J-W: Blue Face Plate WHEELCHAIR
- 59J-WSS: Stainless Steel Face Plate WHEELCHAIR
- 59J-PLAIN: Stainless Steel Face Plate NO LEGEND
-59J-E-R: Red Face Plate PUSH TO EXIT


## 59V Series



Two 59J Series Jamb Switches are integrated onto a $4 \frac{1}{2 \prime \prime}$ stainless steel back plate for independent operation of two doors inside the vestibule. Mounts to a 2-gang electrical box.

- 59V-H: 2 Blue Face Plates WHEELCHAIR/PUSH TO OPEN/ARROWS
- 59V-HSS: 2 Stainless Steel Face Plates WHEELCHAIR/PUSH TO OPEN/ARROWS
- 59V-P: 2 Stainless Steel Face Plates PUSH TO OPEN/ARROWS
-59V-W: 2 Blue Face Plates WHEELCHAIR/ARROWS
- 59V-WSS: 2 Stainless Steel Face Plates WHEELCHAIR/ARROWS
-59V-PLAIN: 2 Stainless Steel Face Plates NO LEGEND
614 Series: Extreme


1" Diameter Red Piezo Button Switch is waterproof and built to withstand any environment. Patented piezo technology has no moving parts making this switch virtually indestructible. Includes WHEELCHAIR and PUSH TO OPEN self-sticking MYLAR decals.
-614-SS: $41 / 2$ " Square Stainless Steel Face Plate
-614-NSS: $1^{11 / 16^{\prime \prime} \times} 4^{1 / 2 "}$ Stainless Steel Face Plate

## Custom Legends

Customize your stainless switch face plates with a corporate logo or custom look (one color-black).

- One-Time Set-Up Charge-Text Only Customization ADD: \$25 (not subject to discount)
- One-Time Set-Up Charge-Logo/Graphics Customization ADD: \$120 (not subject to discount)
- Custom Text/Graphics Upcharge Per Faceplate ADD:

5
Custom Finishes ADD:
US3, US4, US10, US10B, US32 finishes are available on most switches. Contact factory for more information.
425 Series: Economy
1" Diameter Red or Black Button Switches and jamb style face plate. Includes WHEELCHAIR and PUSH TO OPEN self-sticking Mylar decals.

- 425B-BLK: Black Button/Blue Face Plate
-425SS-BLK: Black Button/Stainless Steel Face Plate
- 425B-RED: Red Button/Blue Face Plate
-425SS-RED: Red Button/Stainless Steel Face Plate

1078 Series: Low Profile

$4 \frac{1}{2}$ " Square Stainless Steel Switch with 2" x 3" activating face plate that only projects $1 / 4$ " from the wall.

- 1078-H: Blue Face Plate WHEELCHAIR/PRESS TO OPERATE DOOR
-1078-P: Black Face Plate PRESS TO OPERATE DOOR
- 1078-W: Blue Face Plate WHEELCHAIR


## DESCRIPTION

## Sedco ${ }^{\text {TM }}$ Door Activation Switch Products (continued)

## 216 Series: Infrared "Touchless"

Active Infrared Switch provides hands-free/germ-free door activation. Activation distance is adjustable from 6"- 30". Ideal for ADA applications, doors located in restrooms, industrial clean rooms or surgical areas. Includes a stainless steel face plate. Add suffix PLAIN to part number for no legend on face plate.

- 216: IR Switch \& $4 \frac{1}{2}$ " Square Face Plate (Fits Single \& 2-Gang Junction Boxes)
-216-L: IR Switch \& 2 3/4" x 4 ½" Face Plate (Fits Single-Gang Box)
-216-N: IR Switch \& $111 / 16^{\prime \prime} \times 41 / 22^{\prime \prime}$ Face Plate (Fits $13 / 4$ " Door Frame)
216-RK Series: Retrofit Kit
495


The 216-RK Retrofit Kit is an easy, inexpensive way to upgrade existing hardwired mechanical actuators to touch-free (and therefore germ-free) switches. The 216-RK contains a new version of the 216 touchelss switch designed to operate off of two wires only, and a module placed in the doors header.
Kit includes 2: 216 IR Switches; 1 216-RK Module

- 216-RK: IR Switch \& $41 / 2 "$ Square Face Plate (Fits Single \& 2-Gang Junction Boxes)
-216-RK-L: IR Switch \& 2 3/4" x $41 / 2$ " Face Plate (Fits Single-Gang Box)
-216-RK-N: IR Switch \& $1^{11 / 16 " ~ x ~} 41 / 2 "$ Face Plate (Fits 1 3/4" Door Frame)
216TX Series: Infrared Wireless "Touchless"


Wireless version of our 216 Active Infrared Switches. Activator distance adjustable from $1^{\prime \prime}$ to 5". Includes mounting box \& transmitter. Four different face plate legends available.
$\begin{array}{ll}-216 T X-H G & -216 T X-T G \\ -216 T X-H T & -216 T X-W T\end{array}$

830 Series: Heavy Duty Keyswitches


Rugged Keyswitches with SPDT switch in a choice of either momentary contact or maintained contact. For ultimate durability, the integral lock cylinder cover provides a key "dead stop" and protects against wires becoming tangled in the locking mechanism. Includes a stainless steel face plate.

- 830-A: Maintained Keyswitch \& 4 1/2" Square Face Plate
- 830-B: Momentary Keyswitch \& $41 / 2^{\prime \prime}$ Square Face Plate (Fits Single \& 2-Gang Boxes)
- 830-AL: Maintained Keyswitch \& $23 / 4$ " x $41 / 2$ " Face Plate
-830-BL: Momentary Keyswitch \& $23 / 4$ " x $41 / 2 "$ Face Plate (Fits Single-Gang Box)
-830-AN: Maintained Keyswitch 1 11/16" x $41 / 2{ }^{\prime \prime}$ Face Plate
- 830-BN: Momentary Keyswitch 1 11/16" x 4 ½" Face Plate (Fits 1 3/4" Door Frame)
- KEY-CYL: $11 / 8^{\prime \prime}$ Mortise cylinder with Adams-Rite cam sold separately; add $\$ 50.00$

830 Series: Combination Keyswitches \& Jamb Switches


Rugged 830 Series Keyswitch and 59J Series Jamb Switch are integrated onto a single $41 / 2^{\prime \prime}$ square stainless steel back plate. Mounts to a 2-gang box electrical box.

- 830A-59J-H: Maintained Keyswitch \& 59J-H
- 830B-59J-H: Momentary Keyswitch \& 59J-H
- 830A-59J-HSS: Maintained Keyswitch \& 59J-HSS
- 830B-59J-HSS: Momentary Keyswitch \& 59J-HSS
-830A-59J-P: Maintained Keyswitch \& 59J-P
- 830B-59J-P: Momentary Keyswitch \& 59J-P
-830A-59J-W: Maintained Keyswitch \& 59J-W
- 830B-59J-W: Momentary Keyswitch \& 59J-W
- 830A-59J-WSS: Maintained Keyswitch \& 59J-WSS
- 830B-59J-WSS: Momentary Keyswitch \& 59J-WSS
- 830A-59J-PLAIN: Maintained Keyswitch \& 59J-PLAIN
-830B-59J-PLAIN: Momentary Keyswitch \& 59J-PLAIN
- KEY-CYL: 1 1/8" Mortise cylinder with Adams-Rite cam sold separately; add \$50.00


## Sedco ${ }^{\text {TM }}$ Door Activation Switch Products (continued)

NexGen IR Touchless Switch


The NexGen IR Touchless Series actuators use infrared sensing technology and microprocessor control to provide superior activation in a smaller size switch. Faceplate legend available:

- NG-IR-A

NexGen CT Series Switches


The NexGen CT Series actuators use capacitive touch technology to provide sensitive, reliable operation. Faceplate legends available:

- NG-CT-HSS • NG-CT-P


## Switch Accessories <br> 12024 16

24V AC transformer.
216-2W-Module 100
Module that will allow the connection of 216 series switches using only two wires.
BRM Bridge Rectifier Module ..... 25
Converts AC voltage to DC voltage. 100 V AC maximum.
E13-25JA ..... 12
UL listed replacement SPDT micro-switch. Includes mounting nuts and spring. DPDT Option ..... 13
Double Pole Double Throw switch. Add suffix DPDT to part number (example: 59-H-DPDT). E19-00J ..... 25
UL listed DPDT micro-switch. Includes mounting nuts and spring.
614-1RBUT, 614-1ABUT (anodized), 614-1BBUT (black) ..... 70
1" diameter SPST replacement piezo button switch only.
Face Plates ..... 40
Replacement face plates for any standard switch. Add suffix PO to part number (example: 59-H-PO).
HDWE ..... 6
Screw packs for mounting switches. ..... 50
Module that will allow a single input signal to operate two discrete outputs.
RIM Relay Isolation Module ..... 50
Module for use where higher current may be used exceeding standard relay ratings (i.e. locks, alarms, etc.) WR UPGRADE ..... 65
Water resistant microswitch and wires. Add suffix WR to part number. WR-KIT ..... 65
Field installable water resistant microswitch and wires. 10001 ..... 6
Gasket compatible with 59 Series switches.

## Switch Mounting Boxes

All mounting boxes are exterior grade polycarbonate surface mounting boxes designed so the switch will recess mount for superior weather protection and to eliminate potential snagging.

## One Piece Mounting Boxes:

1035 Universal Jamb Box

[^1]
-ESC-59R4: Plate for 59R4 Series Switches 90
-ESC-59R6: Plate for 59R6 Series Switches 100

## 608, 628 and 514 Series Door Activator Switch Bollards w/LongLife ${ }^{\text {TM }}$ Finishes

Heavy duty construction. Each bollard is made from $1 / 8^{\prime \prime}$ thick tubular steel with a two-coat industrial grade exterior powder coated finish; these switch bollards are the most durable available.

608 BOLLARD ASSEMBLY INCLUDES: 5" X 5"X 42" Bollard w/LongLife ${ }^{\text {TM }}$ Finish, Rugged Polycarbonate Cap and ABS Plastic Rust Shield. Steel "U" Shaped Surface Mounting Shoe is included standard (part number ending in 42). Surface external option features mounting plate welded to the bollard to provide additional stability and easier installation. For Surface external, change 42 to SE at no additional charge. For In-Ground Mounting, change 42 to 58 and add \$40.
608 Blank Bollard Assembly Only ..... 360
Customize in the field. Bollard has no cutout preps.
-608-GR-42: Gray Bollard Assy
For alternate colors, change GR to BR (Dark Bronze), WH (White), or BL (Black): In-ground mounting shoe add \$40.00; Change Suffix 42 to 58
608-J Bollard Assembly with Switch Cutout ..... 370Add your own switch. Bollard is prepped with a 2 -gang cutout ( $27 / 8^{7 \prime \prime} \times 31 / 4$ ").-608-J-GR-42: Gray Bollard Assy w/2-Gang CutoutFor alternate colors, change GR to BR (Dark Bronze), WH (White), or BL (Black): In-ground mounting shoe add \$40.00; Change suffix 42 to 58
608-R Bollard Assembly with Recessed Switch Cutout380Add your own switch. Bollard is prepped with recessed switch cutout and mounting bracket (5" x 5" cutout).-608-R-GR-42: Gray Bollard Assy w/2-Gang CutoutFor alternate colors, change GR to BR (Dark Bronze), WH (White), or BL (Black): In-ground mounting shoe add \$40.00; Change suffix 42 to 58


Includes everything needed. Bollard assembly with recess mounted 59 Series Switch installed.
-608-H-GR-42: Gray Bollard Assy, Recessed 59-H
-608-HSS-GR-42: Gray Bollard Assy, Recessed 59-HSS
-608-P-GR-42: Gray Bollard Assy, Recessed 59-P
-608-W-GR-42: Gray Bollard Assy, Recessed 59-W
-608-WSS-GR-42: Gray Bollard Assy, Recessed 59-WSS
For alternate colors, change GR to BR (Dark Bronze), WH (White), or BL (Black), Surface External Option (Foot), Change Suffix 42 to SE. In-ground mounting shoe add $\$ 40.00$; Change suffix 42 to 58

608 Bollard Assembly with Wireless Recess Mounted Switch


Complete wireless package. Bollard assembly with recess mounted 59 Series Switch installed, transmitter and mounting platform (CP/TX-P).
-608-HT-GR-42: Gray Bollard Assy, Recessed 59-H, CP/TX-P
-608-HSST-GR-42: Gray Bollard Assy, Recessed 59-HSS, CP/TX-P
-608-PT-GR-42: Gray Bollard Assy, Recessed 59-P, CP/TX-P
-608-WT-GR-42: Gray Bollard Assy, Recessed 59-W, CP/TX-P
-608-WSST-GR-42: Gray Bollard Assy, Recessed 59-WSS, CP/TX-P
For alternate colors, change GR to BR (Dark Bronze), WH (White), or BL (Black), Surface External Option (Foot), Change Suffix 42 to SE. In-ground mounting shoe add \$40.00; Change suffix 42 to 58 Sequencing transmitter add \$20.00; Change T to S;
ClearPath Spectrum, add \$30; Change T to -TRX (example: 608-H-TRX-GR-42)
US DOLLARS-JANUARY 2015
Prices are subject to change without notice.

## DESCRIPTION

## 608, 628 and 514 Series Door Activator Switch Bollards w/LongLife ${ }^{T M}$ Finishes (continued)

## 608 Vestibule Bollard Assembly with 59V Vestibule Switch

RETAIL
PRICE
 Includes everything needed to activate 2 doors. Bollard assembly with 59 V Series Vestibule Switch.
-608-HV-GR-42: Gray Bollard Assy, 59V-H
-608-HSSV-GR-42: Gray Bollard Assy, 59V-HSS
-608-PV-GR-42: Gray Bollard Assy, 59V-P
-608-WV-GR-42: Gray Bollard Assy, 59V-W
-608-WSSV-GR-42: Gray Bollard Assy, 59V-WSS
For alternate colors, change GR to BR (Dark Bronze), WH (White), or BL (Black), Surface External Option (Foot), Change Suffix 42 to SE. In-ground Mounting Shoe Add \$40.00; Change 42 to 58

608 Vestibule Bollard Assembly with WIRELESS 59V Vestibule Switch 675


Complete wireless package to activate 2 doors. Bollard assembly with 59V Series Vestibule Switch, 2 transmitters and mounting platform (CP/TX-VP).
-608-HTV-GR-42: Gray Bollard Assy, 59V-H, CP/TX-VP
-608-HSSTV-GR-42: Gray Bollard Assy, 59V-HSS, CP/TX-VP
-608-PTV-GR-42: Gray Bollard Assy, 59V-P, CP/TX-VP
-608-WTV-GR-42: Gray Bollard Assy, 59V-W, CP/TX-VP
-608-WSSTV-GR-42: Gray Bollard Assy, 59V-WSS, CP/TX-VP
For alternate colors, change GR to BR (Dark Bronze), WH (White), or BL (Black), Surface External Option (Foot), Change Suffix 42 to SE, In-ground Mounting Shoe Add \$40.00; Change 42 to 58
ClearPath Spectrum S-TRX-VP, add \$60; Change TV to V-TRX (example: 608-HV-TRX-GR-42)

## 628 Dual-Switch Bollards



Dual Switch bollards feature all the benefits of the 608 bollard: rugged $1 / 8$ " thick tubular steel construction, LongLife ${ }^{\text {TM }}$ finish and a rust shield. (gray finishes and 59-H switches listed below. For dark bronze finish, substitute BR for GR. For 59-HSS or 59-P, substitute HSS or P for H).
-628-H-GR-42: 42" Bollard Assy w/two recessed 59-H switches 600
-628-H-GR-58: 58 " Bollard Assy w/two recessed 59-H switches $\mathbf{6 4 0}$
-628-HT-GR-42: 42" Bollard Assy w/two recessed 59-H switches, transmitter 675
-628-HT-GR-58: 58" Bollard Assy w/two recessed 59-H switches, transmitter $\mathbf{7 1 5}$
514 BOLLARD ASSEMBLY INCLUDES: 2" X 2"X 42" Bollard w/LongLife ${ }^{\text {TM }}$ Finish, Welded Top Piece, Steel "U" Shaped Surface Mounting Shoe and ABS Plastic Rust Shield.
514 Blank Bollard Assembly Only
Customize in the field. Bollard is prepped for wiring.
-514-GR-SE: Gray Bollard Assy OR •514-BR-SE: Dark Bronze Bollard Assy
514 Bollard Assembly with 59J Series Jamb Switch
 Includes everything needed. Bollard assembly with 59J Series Switch installed.

- 514-H-GR-SE: Gray Bollard Assy, 59J-H, 1010
- 514-HSS-GR-SE: Gray Bollard Assy, 59J-HSS, 1010
-514-P-GR-SE: Gray Bollard Assy, 59J-P, 1010
-514-W-GR-SE: Gray Bollard Assy, 59J-W, 1010
- 514-WSS-GR-SE: Gray Bollard Assy, 59J-WSS, 1010

Dark Bronze Color; Change GR to $B R$

514 Bollard Assembly with WIRELESS Switch


Complete wireless package. Bollard assembly with recess mounted 59J Series Switch installed, transmitter and mounting platform (CP/TX-J).
-514-HT-GR-SE: Gray Bollard Assy, 59J-H, CP/TX-J
-514-HSST-GR-SE: Gray Bollard Assy, 59J-HSS, CP/TX-J
-514-PT-GR-SE: Gray Bollard Assy, 59J-P, CP/TX-J
-514-WT-GR-SE: Gray Bollard Assy, 59J-W, CP/TX-J
-514-WSST-GR-SE: Gray Bollard Assy, 59J-WSS, CP/TX-J
Dark Bronze Color; Change GR to BR, Sequencing transmitter add \$20.00; Change $T$ to $S$
S-TRX-J add \$30; Change T to -TRX

## DESCRIPTION

Bollard Accessories 608-CAP
Replacement black polycarbonate bollard cap.
6082-SHOE50
Surface mounting shoe \& installation hardware. Please specify color to ensure matching hardware-GR,BR, BL or WH 6083-SHOE ..... 90

In-ground mounting shoe and installation hardware. Please specify color to ensure matching hardware-GR,BR,BL or WH

## ClearPath|||||nmin

Universal radio control products. All products feature selectable frequencies: HDRC™, 300 MHz and 390 MHz .
ClearPath ${ }^{T M}$ provides the most reliable wireless activation of automatic doors.

## ClearPath ${ }^{\text {TM }}$ Transmitters

All transmitters feature SignalLock ${ }^{\text {TM }}$ that will guarantee the radio signal is transmitted every time a switch is activated.
CP/TX (59); CP/TX-R4 (59R4); CP/TX-R6 (59R6): Wall Mount Transmitters70


Complete with transmitter, integrated signal enhancing antennas, wire harness and 9 V battery installed in a surface mounting box.

For 1015 surface box, specify CP/TX-1015
Pictured with 59-HSS, 59R4-HSS \& 59R6-HSS (sold separately).
CP/STX (59); CP/STX-R4 (59R4); CP/STX-R6 (59R6): Vestibule Sequencing Transmitters


Vestibule sequencing version of the CP/TX. Sequence the opening of vestibule doors one after the other from either direction.

For 1015 surface box, specify CP/STX-1015 Pictured with 59-HSS, 59R4-HSS \& 59R6-HSS (sold separately).

## CP/TX-J: Jamb Mount Transmitter

Complete with transmitter, wire harness and 9 V battery installed in the 1010 jamb surface
mounting box.
Pictured with 59J-H (sold separately).

CP/STX-J: Vestibule Sequencing Transmitter


Vestibule sequencing version of the CP/TX-J. Sequence the opening of vestibule doors one after the other from either direction.

Pictured with 59J-H (sold separately).
CP/TX-V: Dual Transmitters


Complete with 2 transmitters, wire harnesses and 9V batteries installed in the 1015 surface mounting box. Individually operate 2 doors in a vestibule when used in combination with the 59 V Vestibule Series Switches.

Pictured with 59V-H (sold separately).
CP/TX-P: Post Transmitter70Complete with transmitter, wire harness and 9V battery installed on a mounting platform that spans the top of the 608Series Post assembly.

## PART \#

## DESCRIPTION

Vestibule sequencing version of the CP/TX-P. Sequence the opening of vestibule doors one after the other from either direction via 608 Series Posts.

## CP/TX-VP: Post Dual Transmitter

Complete with 2 transmitters, wire harnesses and 9 V batteries installed on a mounting platform that spans the top of the 608 Series post assembly. Individually operate 2 doors in a vestibule when used in combination with the 608 Series Vestibule Posts.

## CP/TX-HH1: Handheld Micro-Transmitter

1-button micro-transmitter combines small overall size with a large easy to activate button. Small enough to wear on a neck chain (included).

CP/TX-HH2: Handheld Micro-Transmitter


2-button micro-transmitter combines small overall size with 2 large easy to activate buttons.
Small enough to wear on a neck chain (included).

## ClearPath ${ }^{\text {TM }}$ Multi-Mode Receivers

3 selectable frequencies: $\mathrm{HDRC}^{\mathrm{TM}}, 300 \mathrm{MHz}, 390 \mathrm{MHz}$ plus ClearPath ${ }^{\text {TM }}$ receivers are capable of being programmed to one of four different modes:
Mode 1: Standard Receiver
Mode 2: Receiver with adjustable time delay 0-20 seconds
Mode 3: Dual Receiver
Mode 4: Receiver with 2 sequenced outputs \& delay $0-20$ seconds
Mode 5: Receiver with ratchet relay output

## CP/RX: Multi-Mode Receiver <br> Compact Receiver: Includes Mode 1 \& 2. <br> CP/RXM: Multi-Mode Receiver with Sequenced Output <br>  <br> Compact Receiver: Includes Mode 1, 2, 3 \& 4. <br> RXM provides sequenced output which allows processes such as releasing a lock before activating an opener

CP/RXR: Multi-Mode Receiver with Ratcheting Relay


Compact Receiver: Includes Mode 1, 2, \& 5.
RXR provides ratcheting relay which allows for a continuous output until a second activaiton signal is received.
RXM Module ..... 42
Plug-in module kit to field activate Mode $3 \& 4$.
RXR Module ..... 10Plug-in module kit to activate Mode 5.

## PART \#

## DESCRIPTION



Turnkey packages come with all products assembled. Everything needed comes in a single carton.
Refer to pages 8-11 for individual product descriptions.

## ClearPath ${ }^{\text {TM }}$ Kits

Kits listed below include -H face plates. For -HSS face plates, substitute HSS for H in the part number below, for -P face plates, substitute P for H .

| Package 59 | CTP-H | $2: 59-H ; 2: C P / T X ; 1: C P / R X$ | $\mathbf{3 0 5}$ |
| :--- | :--- | :--- | :--- |
| Package 59R4 | CTP-R4-H | $2: 59 R 4-H ; 2: C P / T X-R 4 ; 1: C P / R X$ | $\mathbf{3 0 5}$ |
| Package 59R6 | CTP-R6-H | $2: 59 R 6-H ; 2: C P / T X-R 6 ; 1: C P / R X$ | $\mathbf{3 3 0}$ |
| Package 59J | CTP-J-H | $2: 59 J-H ; 2: C P / T X-J ; 1: C P / R X$ | $\mathbf{3 0 0}$ |
| Vestibule Package 59 | CTP-HV | $2: 59-H ; 2: C P / S T X ; 1: 59 V-H ; 1: C P / T X-V ; 2: C P / R X$ | $\mathbf{6 3 5}$ |
| Vestibule Package 59J | CTP-J-HV | $2: 59 J-H ; 1: 59 V-H ; 2: C P / S T X-J ; 1: C P / T X-V ; 2: C P / R X$ | $\mathbf{6 3 0}$ |



Kits listed below include -H face plates. For -HSS face plates, substitute HSS for H in the part number below, for -P face plates, substitute $P$ for $H$.
CTP2-H-4:59-H; 4:CP/TX; 1:CP/RX 543
CTP2-R4-H-4:59R4-H; 4:CP/TX-R4; 1:CP/RX 543
CTP2-R6-H-4:59R6-H; 4:CP/TX-R6; 1:CP/RX 591

## ClearPath <br> Spectrum <br> 2.4 GHz Radio Control Products

The next generation of our radio control products. The ClearPath Spectrum features a 2.4 GHz frequency that provides reliable wireless activation and versatile programming for automatic door activation.

S-TRX; S-TRX-R4; S-TRX-R6: Wall Mount Transceivers


Complete with transceiver, wire harness and battery installed in a surface mounting box.

For 1015 surface box, specify S-TRX-1015
Pictured with 59-H, 59R4-H \& 59R6-H (sold separately).

## S-TRX-J: Jamb Mount Transceiver


#### Abstract

Complete with transceiver, wire harness, and battery installed in a 1010 jamb surface mounting box.




Pictured with 59J-H (sold separately)

## S-TRX-V: Dual Transceivers



Complete with 2 transceivers, wire harnesses, and batteries installed in a 1015 surface mounting box.

Pictured with 59V-H (sold separately)

## S-TRX-P: Post Transceiver



Complete with transceiver, wire harness, and battery installed on a mounting platform that spans the top of the 608 Series Post assembly.

## RETAIL PRICE LIST 2015

$\overline{\text { Encanereres for Motovon }}$
PART \#

2.4 GHz Radio Control Products (continued)

## DESCRIPTION

## S-TRX-VP: Dual Post Transceivers

Complete with 2 transceivers, wire harnesses, and batteries installed on a mounting platform that spans the top of the 608 Series Post assembly.

## S-TRX-HH: Handheld Transceiver 120 <br> 1 button handheld transceiver that includes lanyard




S-COR: Spectrum Coordinator
ClearPath Spectrum Coordinator that functions similar to standard radio control receiver. LCD screen for easy programming. Features two way digital communication that provides enhanced security and reliable signal transmission between devices. Two built in outputs.

## ClearPath ${ }^{\text {TM }}$ Spectrum Kits

Kits listed below include -H face plates. For -HSS face plates, substitute HSS for H in the part number below, for -P face plates, substitute P for H .

| Package 59 | STK-H | 2:59-H; 2:S-TRX; 1:S-COR | 440 |
| :---: | :---: | :---: | :---: |
| Package 59R4 | STK-R4-H | 2:59R4-H; 2:S-TRX-R4; 1:S-COR | 440 |
| Package 59R6 | STK-R6-H | 2:59R6-H; 2:S-TRX-R6; 1:S-COR | 440 |
| Package 59J | STK-J-H | 2:59J-H; 2:S-TRX-J; 1:S-COR | 440 |
| Vestibule Package 59 | STK-HV | 2:59-H; 2:S-TRX; 1:59V-H; 1:S-TRX-V; 2:S-COR | 850 |
| Vestibule Package 59J | STK-J-HV | 2:59J-H; 1:59V-H; 2:S-TRX-J; 1:S-TRX-V; 2:S-COR | 850 |
| AccuGuard ${ }^{\text {TM }}$ Safety Beam Products |  |  |  |
| Infrared Safety Beams |  |  |  |
| AccuGuard HP2 |  |  | 155 |
| Anfrared $\begin{aligned} & \text { Infables } \\ & \text { AccuG } \\ & \text { HP2 In }\end{aligned}$ | modular bea d 2 receive <br> HP2-Su red modula | system consists of one control module, 2 transmitt eams with cables. <br> e <br> eam system with 4 surface mount boxes for the | 205 |

## AccuGuard Components HP2-SMB

Surface mount box only for a sensor head.

DB11



SEDCO

## PART \#

DESCRIPTION
Comminder The Commander Series Timing Controls \&
Timing Lock Out Modules


Universal Time Delay Module provides up to 4 inputs that can be converted to sequential relay outputs. Each output is adjustable 0-99 seconds. The TDM can add additional time of 0-99 seconds, sequence electric locks and automatic doors or sequence vestibule doors all from a single device.

TDM-HC High-Current Time Delay Module


TDM with the output 1 relay rated for a current inrush of 20 amps , making the TDM-HC compatible with all common locking devices.

RLM-Kit


Integrated Relay Lockout Module with Safety Beams. Intelligent Door Position ${ }^{\text {TM }}$ Monitoring Circuitry determines relay lockout time during a door's closing cycle, eliminating the need for trial and error manual adjustment. Provides single source control of approach sensor, overhead safety sensor and safety beams installed on swing door operators.

RLM Components
RLM
RLM Control Module ONLY
RLM-SB
1 set TX \& RX Sensor Heads with 15' cables.
SAM Secondary Activation Module


Integrated Timing Module to meet secondary activation requirements of Knowing Act Swing Doors. Intelligent Door Position ${ }^{\text {TM }}$ Monitoring circuitry determines the timing for turning on and off an approach sensor after initial door activation by a push plate while simultaneously monitoring the overhead safety sensor and locking out its signal during a door's closing cycle. Provides single source control of push plate, approach (secondary activation) sensor and overhead safety sensor.

## PTM Privacy Timing Module



The PTM is a timing module that allows users to control an automatic door operator for a room where privacy is a concern, such as a washroom, restroom, clean room, or photo development room. From the outside of the room, users are able to activate the door. Once inside, users are able to lock the door which prevents access from the outside "push to open" button. When egress is desired, the user presses an inside "push to open" button which deactivates the lock and activates the door. A keyswitch override is present on the exterior, as well as LEDs to indicate if the room is occupied.

PTM: (module and wire harness only)
PTM-KIT: Includes module, wire harness, interior dual switch (59V-PTM), exterior combo switch (830B-59J-PTM), and door position switch.

RETAIL PRICE LIST 2015
NEERED FOR MOTION
PART \# DESCRIPTION

| RETAIL | RETAIL |
| :---: | :---: |
| PRICE | PRICE |
| Clear/ | Bronze |
| Silver |  |

## Guide Rails \& Bumper Guard Products

## Guide Rails

Guide rails are constructed of 6063-T6 aluminum alloy, rectangular in shape ( $1-3 / 4$ " wide by $1 / 2$ " thick), and available in clear anodized or dark bronze finish (specify -CL or -BR when ordering). Other rails available, including stainless and custom rails (contact factory).

| Double Line Wall-Mounted |  |  |  |
| :---: | :---: | :---: | :---: |
| $36 \times 30$ D | DLW-A | 163 | 173 |
| $36 \times 36$ | DLW-B | 166 | 176 |
| $42 \times 30$ DL | DLW-C | 170 | 180 |
| $42 \times 36$ DL | DLW-D | 175 | 185 |
| $48 \times 30$ DL | DLW-E | 180 | 190 |
| $48 \times 36$ DL | DLW-F | 185 | 195 |
| Double Line "I Brace" Wall-Mounted |  |  |  |
| $36 \times 30$ D | DLIW-A | 185 | 195 |
| $36 \times 36$ D | DLIW-B | 190 | 200 |
| $42 \times 30$ D | DLIW-C | 195 | 205 |
| $42 \times 36$ | DLIW-D | 200 | 210 |
| $48 \times 30$ D | DLIW-E | 205 | 215 |
| $48 \times 36$ | DLIW-F | 210 | 220 |
| Double Line "I Brace" Free-Standing |  |  |  |
| $36 \times 30$ D | DLIF-A | 235 | 245 |
| $36 \times 36$ D | DLIF-B | 240 | 250 |
| $42 \times 30$ D | DLIF-C | 245 | 255 |
| $42 \times 36$ D | DLIF-D | 250 | 260 |
| $48 \times 30$ D | DLIF-E | 257 | 267 |
| $48 \times 36$ | DLIF-F | 265 | 275 |
| Horizontal Holding Beam Wall-Mounted |  |  |  |
| $42 \times 30$ | HOW-C | 290 | 315 |
| $42 \times 36$ | HOW-D | 298 | 323 |
| $48 \times 30$ | HOW-E | 306 | 331 |
| $48 \times 36$ | HOW-F | 314 | 339 |
| Push Button Equipped Wall-Mounted |  |  |  |
| $42 \times 30$ | PBOW-C | 365 | 377 |
| $42 \times 36$ | PBOW-D | 370 | 382 |
| $48 \times 30$ | PBOW-E | 379 | 391 |
| $48 \times 36$ | PBOW-F | 388 | 400 |
| Push Plate Switch-Ready Wall-Mounted |  |  |  |
| $36 \times 42$ | HAOW-A | 413 | 463 |
| $42 \times 42$ | HAOW-B | 419 | 469 |
| $48 \times 42$ | HAOW-C | 425 | 475 |
| $60 \times 42$ | HAOW-D | 725 | 775 |
| $72 \times 42$ | HAOW-E | 800 | 850 |
| Bumper Guard Replacement Boot Face-Applied Finger Guard Center-Hung Finger Guard | ALBG-A (30-44" Available - specify width when ordering) | 105 | 110 |
|  | TSMB | 35 | 40 |
|  | rd FAFG | 88 | 88 |
|  |  |  | (black) |
| 7 ' | CHFG-A | 50 |  |
| 8 ' | CHFG-B | 66 |  |
| 10' | CHFG-C | 88 |  |
| US DOLLARS-JANUARY 2015 | Prices are subject to change without notice. |  | PAGE 14 |
|  |  |  |  |

ENGINEERED FOR MOTION

## WARRANTY REPAIRS:

Warranties cover parts and workmanship provided by MS SEDCO. Repair warranties are void if units are altered by anyone other than the MS SEDCO Repair Center. All warranties begin at invoice date unless specified by MS SEDCO. Customer will pay freight charges to return defective units to MS SEDCO Repair Center. Units will be repaired to proper working order and returned in "cosmetically same" condition at no charge. MS SEDCO will pay freight charges to ship repaired warranty units back to customer. **

## OUT OF WARRANTY REPAIRS:

All units out of warranty that are returned for repair will be charged under the MS SEDCO repair rates shown below. Units will be repaired to proper working order and returned in "cosmetically same" condition. All units exceeding 5 years over warranty period will be scrapped on site, or returned to customer (at customers freight cost) unrepaired.

## ADVANCE EXCHANGE PROGRAM:

MS SEDCO Repair Center advance exchange program allows you to receive refurbished units quickly. Shipping and handling charges are extra. Please send your malfunctioning unit to us within 10 days to avoid up-charges. Up-charges also apply if the unit MS SEDCO receives is not repairable due to excessive damage or an incorrect model. Up-charges are generally assessed as the difference between the repair price and the new product price. All warranties on exchanges are subject to the same standard terms and conditions as a repaired unit. Advanced exchange units must be returned with all accessories (brackets, transformers, harnesses, manuals) or will be charged per non-returned accessories.

## ADVANCE EXCHANGE RETURN POLICY:

MS SEDCO Repair Center accepts returns on advance exchange units. All advanced exchange units must be returned within 10 days of the original exchange order. Items may be assessed a $15 \%$ restocking fee and all applicable shipping and COD charges will apply. Advanced exchanged units must be returned in original packaging. Damaged units will not be accepted for exchange credit. Please contact customer service to receive authorization for the return before shipping it to MS SEDCO. MS SEDCO will only issue credits for returned units not refunds.

## TURNAROUND TIME:

MS SEDCO Repair Center turnaround time typically requires 72~96 hours plus shipping on all units.

## EXPEDITING ORDERS:

Some orders can be repaired in 24 hours for an additional charge. Call to see if your order qualifies. Expedited orders are charged at 30\% above the repair price.

## PAYMENT TERMS:

Payment is required prior to shipping unless a credit application has been received and accepted by MS SEDCO. Repaired units will be detained if customer is on credit hold with MS SEDCO billing department. Detained units will be returned after credit hold has been lifted from MS SEDCO billing department. Repairs can be billed by credit card for non net 30 day customers.

## RETURN SHIPPING:

All repairs are returned via ground service. For an additional charge, guaranteed overnight service is also available. Customers are responsible for all shipping, customs and insurance costs on out of warranty repairs and express units. When possible, we will ship via your requested carrier.

## MS SEDCO REPAIR RATE:

| Door Sensors | $\$ 70.00$ (Pedestrian) |
| :--- | :--- |
|  | $\$ 120.00$ (Industrial) |
| Door Accessories | $\$ 40.00$ |

Rates do not include freight and are subject to change without notice.

## EVALUATIONS:

MS SEDCO Repair Center will evaluate certain units for repairability at no charge. If you have an item requiring repair, please contact us to see if it qualifies for a free repair evaluation.

## **UNREPAIRED UNITS:

MS SEDCO reserves the right not to repair any units that have excessive damage, missing parts, or for which parts are currently unavailable. Unrepaired items will be returned with billed shipping charges, or scraped on site at no charge.

Any items being returned to MS SEDCO, regardless of reasons, must have an RMA Number and be marked to the attention of the return or repair department on outside of shipping carton. Call 1-800-842-2545 and ask for an RMA number. A returned merchandise authorization number will be issued upon request and a copy will be faxed to you. Please include a copy of the RMA sheet with returned items to insure proper handling of returns.

## RETURN FOR CREDIT

1. All items being returned for CREDIT must have an MS SEDCO original invoice number included with the items to ensure proper credit.
a. Unused and unopened items will be issued full credit if returned within 30 days. A $15 \%$ restocking fee will be assessed on items returned after 30 days past invoice date. No credit will be issued after 6 months past invoice date.
b. Unused but opened items will be assessed a $15 \%$ restocking charge if returned within 30 days of invoice date and it is determined the items can be resold as new. If it is determined that the items cannot be resold as new, the items will be returned or scrapped at the customer's discretion. No credits will be issued after 30 days past invoice date.
c. Used items cannot be returned for credit.
d. Custom Products cannot be returned for credit.
2. In the event items are being returned due to an error on MS SEDCO part, MS SEDCO will issue a call tag and pay freight charges for returned items. The customer will pay freight charges on all returns for any other reason.
3. MS SEDCO will only issue credit for returned items-not refunds.
4. No credits will be issued for products with missing serial numbers.

[^0]:    US DOLLARS-JANUARY 2015

[^1]:    8701 Castle Park Drive ■ Indianapolis, Indiana 46256 Telephone: (317) 842-2545 $\square$ Fax: (317) 849-3387

