

DOOR PROTECTION

LIGHT CURTAINS - SAFETY MEETING RAILS - REVERSING EDGES



ONE COMPANY
So Many Options



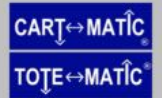
Freight Door Systems



Freight Car Enclosures



IUEC Installation



Material Handling
Systems



Service Parts



Service Parts



HARRIS PREBLE

Service Parts



Service Parts





Door Protection

Light Curtains

CARE-C Light Curtain3

CARE-F Light Curtain 4

Light Curtain Parts5

Door Panel - Safety Meeting Rails

Safety Meeting Rail 10

Car Gate - Reversing Edge

Reversing Edge14



Door Protection

90-514511

CARE-C GridScan/Mini Light Curtain

Where Used

COURION Power Operated Freight Doors.

Includes: (1) CARE-C GridScan/Mini Emitter Edge (Tx), (1) CARE-C Grid/Scan/Mini Receiver Edge (Rx), (1) Synchronization Cable - 33' (10 m) and (1) Connection Cable - 16' (5 m) .

If you have anything other than an ILEARN Door Control, you will also need to order a CARE-C Universal Power Supply (#90-514512).



Sub Assemblies

(For additional details - see pages that follow)

Item #	Part #	Part Description
1	90-514512	CARE-C GridScan/Mini Power Supply
2	90-514516	CARE-C GridScan/Mini Synchronization Cable - 33'
3	90-514517	CARE-C GridScan/Mini Connection Cable Extension - 33'
4	94-000760	CARE-C Light Curtain Hardware Kit

Handed
☐ Yes ☒ No

If part is handed, you must specify Right or Left Hand.

Features and Notes

The CARE-C Mini is a very compact, SIL 2-certified safety light curtain, designed to safeguard any type of freight elevator doors and gates, with a maximum operating range of 26' (8 m).

The CARE-C Mini includes a door blanking feature that differentiates between a light beam interruption caused by an object and a light beam interruption caused by the closing car gate.

The CARE-C Mini housing is water resistant (IP 67) and insensitive to dust, dirt, and water.



Door Protection

SO 506

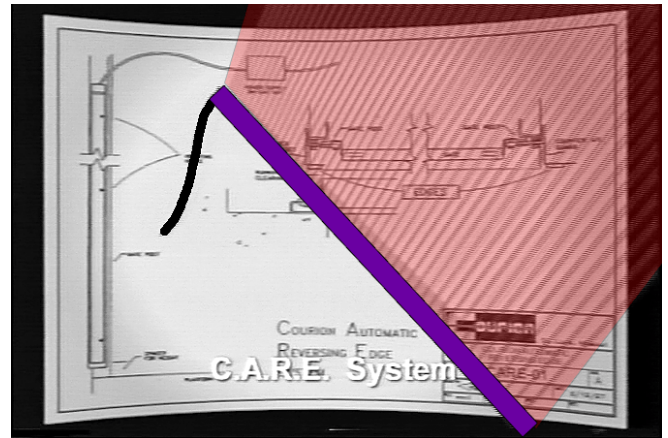
CARE-F Light Curtain - Cart Lifts

Where Used

COURION Cart Lift Systems

Includes: (1) CARE-F Power Supply, (1) CARE-F Emitter Edge (Tx), (1) CARE-F Receiver Edge (Rx).

Length of the CARE-F Emitter and Receiver Edges will vary by job. Please have your Courion Job Number, Job Name, or Job Location when ordering.



Sub Assemblies

(For additional details - see pages that follow)

Item #	Part #	Part Description
1	90-514001	CARE-F Power Supply
2	90-514100	CARE-F Light Curtain Edges - 60"
3	90-514200	CARE-F Light Curtain Edges - 48"

Handed
☐ Yes ☒ No

If part is handed, you must
specify Right or Left Hand.

Features and Notes

All COURION Cart Lift Hoistway Entrances are protected by COURION's CARE Automatic Reversing Edge. The COURION CARE Reversing Edge is a non-contact light curtain that fills the hoistway opening with infra-red light beams. The CARE is an effective solution for reducing damage caused by the movement of the cart.

COURION CARE Units may be added to almost any existing automatic or manual cart system.

CARE Light Curtain

07-600210

CARE-C Auto Blanking Target

Features and Notes

COURION CARE-C Light Curtains with Auto Blanking

Attaches to Car Gate Reversing Edge Box.



Handed ☐ Yes ☒ No

90-514000

CARE-F Light Curtain - 72" -OBSOLETE

Features and Notes

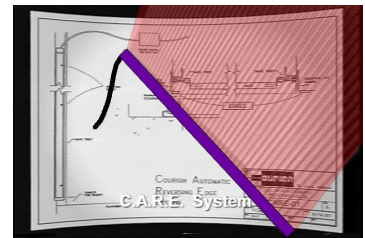
The 72" CARE-F Light Curtain is no longer available from our supplier. If you need to replace an existing CARE-F Light Curtain, please order a CARE-C Light Curtain System (Part #90-514500).

Still Available for COURION Cart Lifts:

CARE-F Light Curtain - 60" (#90-514100)

CARE-F Light Curtain - 48" (#90-514200)

Need to order CARE-F Power Supply (90-514001) separately.
Include CARE Hardware Kit 94-000760.



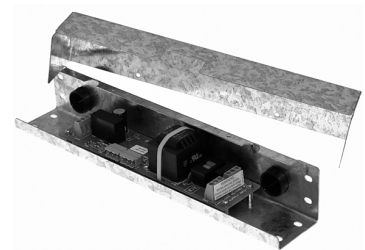
Handed ☐ Yes ☒ No

90-514001

CARE-F Power Supply

Features and Notes

COURION CARE-F Light Curtains.



Handed ☐ Yes ☒ No

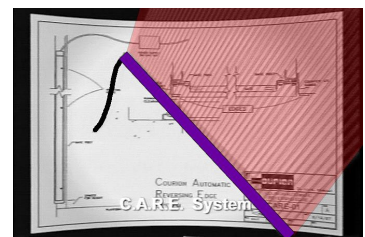
90-514100

CARE-F Light Curtain Edges - 60"

Features and Notes

COURION Power Operated Cart Lift Doors and Car Gates.

Also available: 4'-0" (1146mm) (#90-514200)



Handed ☐ Yes ☒ No

CARE Light Curtain

90-514500 CARE-C Light Curtain - 72" (Obsolete)

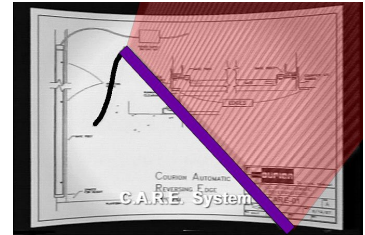
Features and Notes

COURION Power Operated Freight Doors

The CARE-C Light Curtain is no longer available from Courion. Replaced with the CARE-C Mini Light Curtain (#90-514511) effective July 15, 2014.

COURION's CARE C Light Curtain is a non-contact light curtain with 32 infrared light beams that fill the hoistway opening from the floor to a height of 6' (1.80m).

The CARE C Light Curtain can be added to almost any existing freight door system.



Handed ☐ Yes ☒ No

90-514501 CARE-C Power Supply - (Obsolete)

Features and Notes

COURION CARE-C Light Curtains.

Input Voltage: 17...240VAC or VDC
Relay Output: 250VAC / 8A, 30VDC / 8A
Enclosure Rating: IP54



Handed ☐ Yes ☒ No

90-514502 CARE-C Transmitter Cable - 16' White (Obsolete)

Features and Notes

COURION CARE-C Light Curtains

Also Available: CARE-C Receiver Cable - 16' Blue (#90-914503)



Handed ☐ Yes ☒ No

90-514503 CARE-C Receiver Cable - 16' Blue (Obsolete)

Features and Notes

COURION CARE-C Light Curtain



Handed ☐ Yes ☒ No

CARE Light Curtain

90-514504 CARE-C Transmitter - 84" (Obsolete)

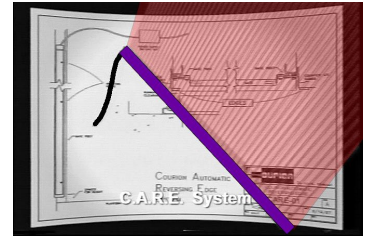
Features and Notes

COURION CARE-C Light Curtains

Also Available:

CARE-C Receiver - 84" (#90-514505)

CARE-C Vision Shield Replacement Lenses (#90-514506)

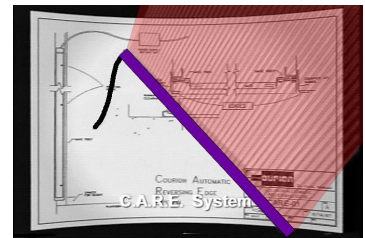


Handed ☐ Yes ☒ No

90-514505 CARE-C Receiver - 84" (Obsolete)

Features and Notes

COURION CARE-C Light Curtain

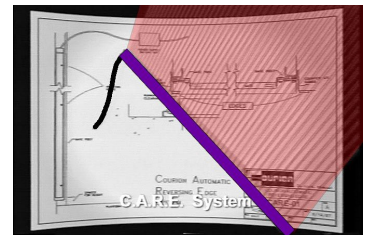


Handed ☐ Yes ☒ No

90-514506 CARE-C Vision Shield Lens - (Obsolete)

Features and Notes

COURION CARE-C Light Curtains

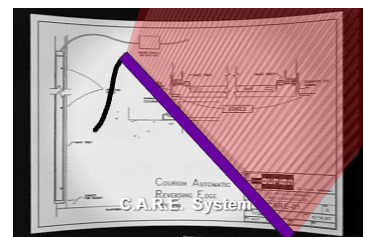


Handed ☐ Yes ☒ No

90-514508 CARE-C Light Curtain - IP67 Water Resistant

Features and Notes

COURION Power Operated Freight Doors



Handed ☐ Yes ☒ No

CARE Light Curtain

90-514510 CARE C Light Curtain Molding

Features and Notes

COURION CARE-C Light Curtains mounted to Car Enclosure side wall.

6' Long heavy duty plastic extrusion used to encase and protect the COURION CARE-C Light Curtain when mounted on the inside of a Car Enclosure.



Handed ☐ Yes ☒ No

90-514512 CARE-C GridScan/Mini Power Supply

Features and Notes

COURION CARE-C GridScan/Mini Light Curtains with Model MP or Model E Door Controls

Power Supply: 20 ... 265 VAC / DC
Relay Output: 250 VAC / 8 A - NC and NO (selectable)
Enclosure Rating: Type 3 (IP54)
Label: UL and CSA.



Handed ☐ Yes ☒ No

90-514514 CARE-C Transmitter Cable Extension - 10' White (Obsolete)

Features and Notes

COURION CARE-C Light Curtains.

Also Available: CARE-C Receiver Cable Extensions - 10' Blue (#90-514515)



Handed ☐ Yes ☒ No

90-514515 CARE-C Receiver Cable Extension - 10' Blue (Obsolete)

Features and Notes

COURION CARE-C Light Curtain



Handed ☐ Yes ☒ No

CARE Light Curtain

90-514516

CARE-C GridScan/Mini Synchronization Cable - 33'

Features and Notes

COURION CARE-C GridScan/Mini Light Curtains.

Connects the Transmitter Light Curtain Stick to the Receiver Light Curtain Stick.

33' (10m) Long.



Handed ☐ Yes ☒ No

90-514517

CARE-C GridScan/Mini Connection Cable Extension - 33'

Features and Notes

COURION CARE-C GridScan/Mini Light Curtains.

Connects the CARE-C Mini Light Curtains to the COURION Door Control.

33' (10m) Long.



Handed ☐ Yes ☒ No

94-000760

CARE-C Light Curtain Hardware Kit

Features and Notes

COURION CARE-C Light Curtains

CARE-C LIGHT CURTAIN MOUNTING HARDWARE KIT Courion Part # 94-000760
(1) CARE-C Auto Blanking Target (#07-600210)
(7) #8-32 x 1" Round Head Machine Screws
(7) #8-32 Hex Nuts
(7) #8 Split Lock Washers
(1) CARE-C Light Curtain Installation Instructions
COURION (800) 533-5760 OR (314) 533-5700

Handed ☐ Yes ☒ No



Door Panels

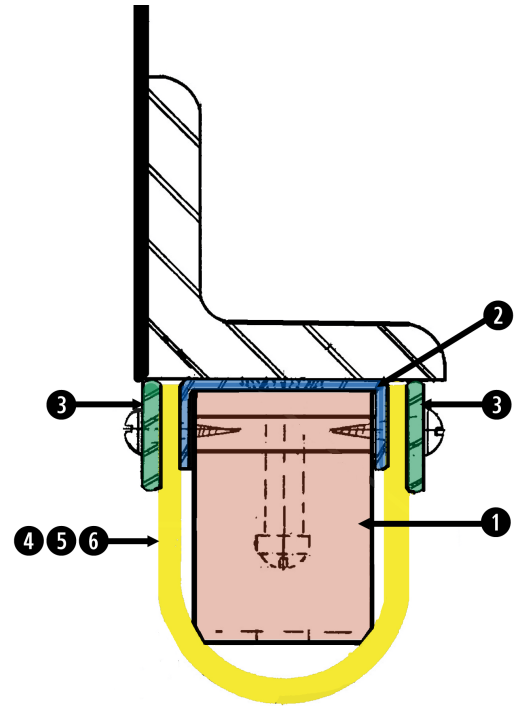
SMR-XXX

Safety Meeting Rail Assembly

Where Used

COURION Freight Doors.

The length of the Door Safety Meeting Rail Assembly depends upon the length of your door panel. To insure that you receive the correct replacement part, please call COURION with your JOB NUMBER, JOB NAME, or JOB LOCATION prior to ordering.



Handed
☐ Yes ☒ No

If part is handed, you must specify Right or Left Hand.

Sub Assemblies

(For additional details - see pages that follow)

Item #	Part #	Part Description
1	09-102201	Rubber Bumper
2	15-101000	Safety Meeting Rail Channel
3	15-101100	Safety Meeting Rail Mounting Strip
4	20-005001	Novatex - 5"
5	20-005011	Novatex - 6"
6	90-855400	Novatex - 6" to 11"
7	94-000251	Safety Meeting Rail Mounting Hardware Kit

Features and Notes

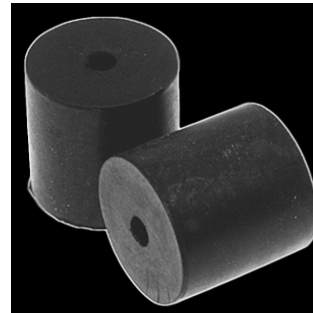
Include Safety Meeting Rail Mounting Hardware Kit #90-000251.

Safety Meeting Rail

09-102201 Rubber Bumper

Features and Notes

COURION Hoistway Door Safety Meeting Rails



Handed ☐ Yes ☒ No

09-800500 Bumper and Clip

Features and Notes

COURION Freight Doors.

The length of the Door Safety Meeting Rail Assembly depends upon the length of your door panel. To insure that you receive the correct replacement part, please call COURION with your JOB NUMBER, JOB NAME, or JOB LOCATION prior to ordering.



Handed ☐ Yes ☒ No

15-101000 Safety Meeting Rail Channel

Features and Notes

COURION Freight Door Safety Meeting Rails



Handed ☐ Yes ☒ No

15-101100 Safety Meeting Rail Mounting Strip

Features and Notes

COURION Freight Door Safety Meeting Rails

Include (15) #10 x 5/8" Truss Head Sheet Metal Screws



Handed ☐ Yes ☒ No

Safety Meeting Rail

20-005001 Novatex - 5"

Features and Notes

COURION Freight Door Safety Meeting Rails

1/8" x 5" Novatex

Include (15) #10 x 5/8" Truss Head Sheet Metal Screws



Handed ☐ Yes ☒ No

20-005011 Novatex - 6"

Features and Notes

COURION Freight Door Safety Meeting Rails

1/8" x 6"

Include (15) #10 x 5/8" Truss Head Sheet Metal Screws



Handed ☐ Yes ☒ No

90-855400 Novatex - 6" to 11"

Features and Notes

COURION Freight Door Safety Meeting Rails

1/8" x 6" (+)

Include (15) #10 x 5/8" Truss Head Sheet Metal Screws



Handed ☐ Yes ☒ No

94-000250 Safety Meeting Rail Repair Kit

Features and Notes

COURION Freight Door Safety Meeting Rails

Includes all the necessary fasteners and hardware to repair an existing Safety Meeting Rail. Novatex material must be ordered separately.

SAFETY MEETING RAIL HARDWARE KIT 94-000250	
(1) 32" Web strap (#90-800332)	
(22) #10 x 1/4" Round Head Machine Screw (RHMS)	
(12) 1/4-20 x 3/4" Hex Head Cap Screw (HHCS)	
(12) 1/4-20 Hex Nuts	
(12) 1/4" Flat Washers	
(12) Internal Shakerproof Washer	
(1) 5/16-18 x 2-3/4" Round Head Machine Screws (RHMS)	
COURION 1-800-533-5760 OR 314-533-5700	

Handed ☐ Yes ☒ No

Safety Meeting Rail

94-000251

Safety Meeting Rail Mounting Hardware Kit

Features and Notes

COURION Freight Door Safety Meeting Rails

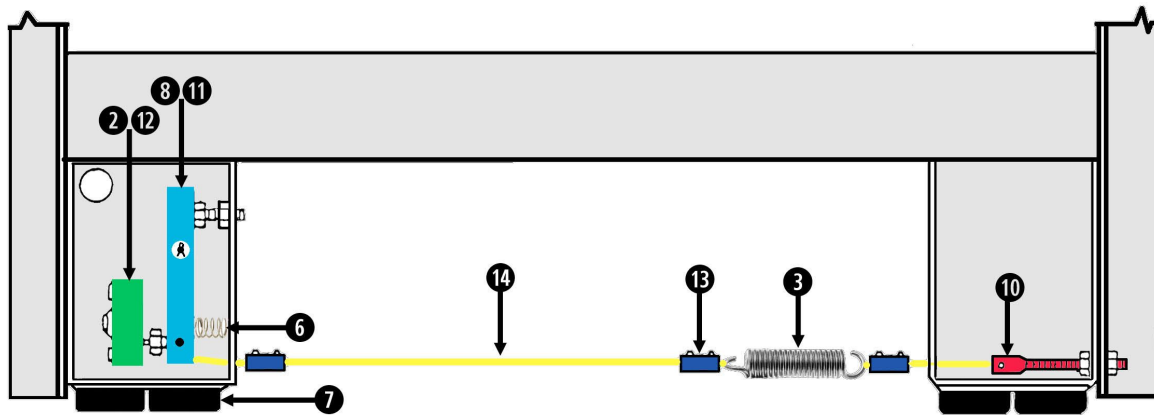
Includes the necessary fasteners to attach a new Safety Meeting Rail to the bottom of the Hoistway Upper Door Panel

Handed ☐ Yes ☒ No



Car Gate Equipment

Gate Reversing Edge



Sub Assemblies

(For additional details - see pages that follow)

Item #	Part #	Part Description
1	07-600200	Contact Case Cover
2	07-600700	Insulator
3	07-689701	Trip Wire Spring
4	07-700025	SJO Cord Assembly - 3 Wire (25')
5	07-990001	Swivel Reel Assembly
6	08-500300	Contact Lever Spring
7	09-102200	Rubber Bumper
8	11-204801	Contact Lever
9	20-006011	Neoprene
10	90-000500	Dead End Eye Bolt
11	90-807700	Nylon Bushing
12	90-875300	Reversing Edge Micro Switch
13	90-878500	Wire Clamp
14	90-887900	Trip Wire
15	94-000240	Reversing Edge Repair Hardware Kit

Handed
☐ Yes ☒ No

If part is handed, you must specify Right or Left Hand.

Where Used

COURION Power Operated Car Gates.

Also Available - Gate Reversing Edges for Hazardous Locations.

Features and Notes

Gate Reversing Edges are manufactured to the specific length of your Car Gate.

Please have your JOB NUMBER, JOB NAME, or JOB LOCATION when you call to order from COURION.

Include one (1) Gate Reversing Edge Mounting Hardware Kit #94-000241.

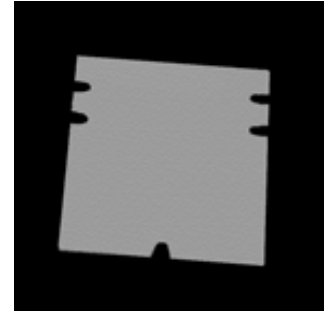
Gate Reversing Edge

07-600200 Contact Case Cover

Features and Notes

COURION Car Gate Reversing Edge Leading Edge Dead-End Switch Housing (#07-689801) and Leading Edge Live-End Switch Housing (#07-689901)

Include four (4) #8 x 5/8" Round Head Machine Screws.

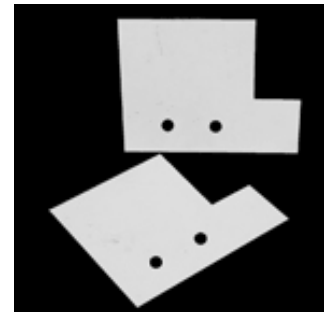


Handed ☐ Yes ☒ No

07-600700 Insulator

Features and Notes

COURION Car Gate Reversing Edge



Handed ☐ Yes ☒ No

07-689701 Trip Wire Spring

Features and Notes

COURION Car Gate Reversing Edge



Handed ☐ Yes ☒ No

07-689801 Leading Edge Dead-End Switch

Features and Notes

COURION Car Gate Reversing Edge. Includes Reversing Edge Housing (#07-600101), Cover (07-600200), Rubber Bumpers (#09-102200), and Dead End Eye Bolt (#90-000500).

Available in Stainless (Part #: 07-689801S)



Handed ☐ Yes ☒ No

Gate Reversing Edge

07-689901 Leading Edge Live-End Switch

Features and Notes

COURION Car Gate Reversing Edge. Includes Reversing Edge Housing (#07-600102), Cover (07-600200), Rubber Bumpers (#09-102200), Insulator (#07-600700), Contact Lever Spring (#08-500300), Contact Lever (#11-204801), Nylon Bushings (#90-807700), and Reversing Edge Micro Switch (#90-875300).

Available in Stainless (Part #: 07-689901S)



Handed ☐ Yes ☒ No

07-700025 SJO Cord Assembly - 3 Wire (25')

Features and Notes

COURION Car Gate Reversing Edge with microswitch. If you have a Tape Switch Reversing Edge, you may need SJO Cord Assembly - 4 Wire (Part #90-815000).

This cable consists of three (3) 18GA Insulated wires



Handed ☐ Yes ☒ No

07-990001 Swivel Reel Assembly

Features and Notes

COURION Car Gate Reversing Edge with long travel and SJO Cord.



Handed ☐ Yes ☒ No

08-500300 Contact Lever Spring

Features and Notes

COURION "X" Series Interlocks and Car Gate Reversing Edge

Include (2) 1/4" Flat Washers and (1) 3/32 x 1/2 Cotter Pin



Handed ☐ Yes ☒ No

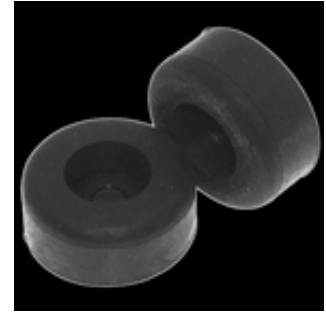
Gate Reversing Edge

09-102200 Rubber Bumper

Features and Notes

COURION D Style Door Panels with Latch Bars, and Car Gate Reversing Edge

Include two (2) 1/4-20 x 3/8" Round Head Machine Screws and 1/4" Internal Lock Washers.



Handed ☐ Yes ☒ No

11-204801 Contact Lever

Features and Notes

COURION Car Gate Reversing Edge.

Include (2) Nylon Bushings (#90-807700), (1) #10-24 x 1/2 Socket Head Set Screw, (2) 1/4" Flat Washers and (1) 3/32 x 1/2 Cotter Pin



Handed ☐ Yes ☒ No

20-006011 Neoprene

Features and Notes

COURION Car Gate Reversing Edge.

Neoprene is Cut to Length. Please have you JOB NUMBER, JOB NAME, or JOB LOCATION when you call to order from COURION..

1/8" x 11" x Cut To Length



Handed ☐ Yes ☒ No

90-000500 Dead End Eye Bolt

Features and Notes

COURION Car Gate Reversing Edge, Freight Door Latch Bar, and Cart Lift Car Gate.

Measures 1/4'-20 X 2-3/16". Include (3) 1/4" Flat Washers and (3) 1/4-20 Hex Nuts with each Dead End Eye Bolt.



Handed ☐ Yes ☒ No

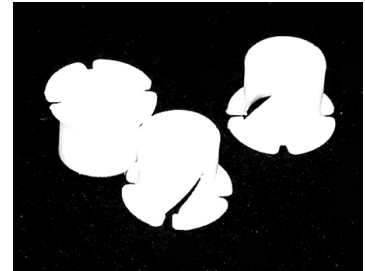
Gate Reversing Edge

90-807700

Nylon Bushing

Features and Notes

COURION Car Gate Reversing Edge



Handed ☐ Yes ☒ No

90-815000

SJO Cable - 4 Wire

Features and Notes

COURION Car Gates with Tape Switch Reversing Edges

Handed ☐ Yes ☒ No

90-854700

Latex Rubber Tubing

Features and Notes

COURION Car Gate Reversing Edge - Hazardous Conditions



Handed ☐ Yes ☒ No

90-854900

Rubber Hose

Features and Notes

COURION Car Gate Reversing Edge - Hazardous Conditions



Handed ☐ Yes ☒ No

Gate Reversing Edge

90-875300 Reversing Edge Micro Switch

Features and Notes

COURION Car Gate Reversing Edge

Include one (1) Insulator (#07-600700), three (3) #6-32 x 1" Round Head Machine Screws, #6-32 Hex Nuts, and #6 Internal Lock Washers.



Handed ☐ Yes ☒ No

90-878500 Wire Clamp

Features and Notes

COURION Car Gate Reversing Edge



Handed ☐ Yes ☒ No

90-887900 Trip Wire

Features and Notes

COURION Car Gate Reversing Edge. T

rip Wire is Cut to Length. Please have the JOB NUMBER, JOB NAME, or JOB LOCATION when you call to order from COURION..

Include three (3) Wire Clamps (# 90-878500)



Handed ☐ Yes ☒ No

90-960100 Nipple

Features and Notes

COURION Car Gate Pneumatic Reversing Edge - Hazardous Locations



Handed ☐ Yes ☒ No

Gate Reversing Edge

90-982600

Reversing Edge Micro Switch (NO) - Hazardous Locations

Features and Notes

COURION Car Gate Reversing Edges in Hazardous Locations.

COURION Car Gate Pneumatic Reversing Edge - Hazardous Locations.

Must be ordered as Normally Open (#90-982600) or Normally Closed (#90-982602)



Handed ☐ Yes ☒ No

90-982602

Reversing Edge Micro Switch (NC) - Hazardous Locations

Features and Notes

COURION Car Gate Reversing Edges in Hazardous Locations.

COURION Car Gate Pneumatic Reversing Edge - Hazardous Locations.

Must be ordered as Normally Open (#90-982600) or Normally Closed (#90-982602)



Handed ☐ Yes ☒ No

90-990001

Retractable Reel

Features and Notes

COURION Swivel Reel Assembly.

Include (3) 1/4-20 x 5/8" Round Head Machine Screws, (3) 1/4 Flat Washers, (3) 1/4 Split Lock Washers, and (3) 1/4-20 Hex Nuts



Handed ☐ Yes ☒ No

