DOOR PROTECTION

LIGHT CURTAINS - SAFETY MEETING RAILS - REVERSING EDGES
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Door Protection

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Car Gate - Reversing Edge
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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)

<table>
<thead>
<tr>
<th>Item #</th>
<th>Part #</th>
<th>Part Description</th>
<th>Handed</th>
<th>If part is-handed, you must specify Right or Left Hand.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>90-514512</td>
<td>CARE-C GridScan/Mini Power Supply</td>
<td>☐ Yes</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>90-514516</td>
<td>CARE-C GridScan/Mini Synchronization Cable - 33’</td>
<td>☐ No</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>90-514517</td>
<td>CARE-C GridScan/Mini Connection Cable Extension - 33’</td>
<td>☐ No</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>94-000760</td>
<td>CARE-C Light Curtain Hardware Kit</td>
<td>☐ Yes</td>
<td></td>
</tr>
</tbody>
</table>

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.
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)

<table>
<thead>
<tr>
<th>Item #</th>
<th>Part #</th>
<th>Part Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>90-514001</td>
<td>CARE-F Power Supply</td>
</tr>
<tr>
<td>2</td>
<td>90-514100</td>
<td>CARE-F Light Curtain Edges - 60&quot;</td>
</tr>
<tr>
<td>3</td>
<td>90-514200</td>
<td>CARE-F Light Curtain Edges - 48&quot;</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Features and Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>07-600210</td>
<td>CARE-C Auto Blanking Target</td>
<td>COURION CARE-C Light Curtains with Auto Blanking</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Attaches to Car Gate Reversing Edge Box.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Features and Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>90-514000</td>
<td>CARE-F Light Curtain - 72” -OBSOLETE</td>
<td>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:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>CARE-F Light Curtain - 60” (#90-514100)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>CARE-F Light Curtain - 48” (#90-514200)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Need to order CARE-F Power Supply (90-514001) separately. Include CARE Hardware Kit 94-000760.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Features and Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>90-514001</td>
<td>CARE-F Power Supply</td>
<td>COURION CARE-F Light Curtains.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Features and Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>90-514100</td>
<td>CARE-F Light Curtain Edges - 60”</td>
<td>COURION Power Operated Cart Lift Doors and Car Gates. Also available: 4’-0” (1146mm) (#90-514200)</td>
</tr>
</tbody>
</table>

(314) 533-5700 - (800) 533-5760 - sales@couriondoors.com - www.couriondoors.com
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)

90-514505  CARE-C Receiver - 84" (Obsolete)
Features and Notes
COURION CARE-C Light Curtain

90-514506  CARE-C Vision Shield Lens - (Obsolete)
Features and Notes
COURION CARE-C Light Curtains

90-514508  CARE-C Light Curtain - IP67 Water Resistant
Features and Notes
COURION Power Operated Freight Doors

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### 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

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**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

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**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

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

**Features and Notes**

COURION CARE-C Light Curtain

**Handed**  
- Yes  
- No
### CARE Light Curtain

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Features and Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>90-514516</td>
<td>CARE-C GridScan/Mini Synchronization Cable - 33'</td>
<td>CONNECTS THE TRANSMITTER LIGHT CURTAIN STICK TO THE RECEIVER LIGHT CURTAIN STICK. 33' (10m) LONG.</td>
</tr>
<tr>
<td>90-514517</td>
<td>CARE-C GridScan/Mini Connection Cable Extension - 33'</td>
<td>CONNECTS THE CARE-C MINI LIGHT CURTAINS TO THE COURION DOOR CONTROL. 33' (10m) LONG.</td>
</tr>
<tr>
<td>94-000760</td>
<td>CARE-C Light Curtain Hardware Kit</td>
<td>COURION CARE-C LIGHT CURTAINS</td>
</tr>
</tbody>
</table>

**Handed** Yes ☑ No ☐

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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.

### Sub Assemblies
(For additional details - see pages that follow)

<table>
<thead>
<tr>
<th>Item #</th>
<th>Part #</th>
<th>Part Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>09-102201</td>
<td>Rubber Bumper</td>
</tr>
<tr>
<td>2</td>
<td>15-101000</td>
<td>Safety Meeting Rail Channel</td>
</tr>
<tr>
<td>3</td>
<td>15-101100</td>
<td>Safety Meeting Rail Mounting Strip</td>
</tr>
<tr>
<td>4</td>
<td>20-005001</td>
<td>Novatex - 5”</td>
</tr>
<tr>
<td>5</td>
<td>20-005011</td>
<td>Novatex - 6”</td>
</tr>
<tr>
<td>6</td>
<td>90-855400</td>
<td>Novatex - 6” to 11”</td>
</tr>
<tr>
<td>7</td>
<td>94-000251</td>
<td>Safety Meeting Rail Mounting Hardware Kit</td>
</tr>
</tbody>
</table>

**Handed**
- ☐ Yes
- ☑ No

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

**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

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.

15-101000 Safety Meeting Rail Channel
Features and Notes
COURION Freight Door Safety Meeting Rails

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

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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

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

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

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.
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
Gate Reversing Edge

Sub Assemblies
(For additional details - see pages that follow)

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

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.
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)

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

07-990001  Swivel Reel Assembly

Features and Notes

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

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
### Gate Reversing Edge

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Features and Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>09-102200</td>
<td>Rubber Bumper</td>
<td>COURION D Style Door Panels with Latch Bars, and Car Gate Reversing Edge</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Include two (2) 1/4-20 x 3/8” Round Head Machine Screws and 1/4” Internal Lock Washers.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Handed ☑ Yes ☐ No</td>
</tr>
<tr>
<td>11-204801</td>
<td>Contact Lever</td>
<td>COURION Car Gate Reversing Edge.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>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</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Handed ☑ Yes ☐ No</td>
</tr>
<tr>
<td>20-006011</td>
<td>Neoprene</td>
<td>COURION Car Gate Reversing Edge.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Neoprene is Cut to Length. Please have you JOB NUMBER, JOB NAME, or JOB LOCATION when you call to order from COURION..</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1/8” x 11” x Cut To Length</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Handed ☑ Yes ☐ No</td>
</tr>
<tr>
<td>90-000500</td>
<td>Dead End Eye Bolt</td>
<td>COURION Car Gate Reversing Edge, Freight Door Latch Bar, and Cart Lift Car Gate.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>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.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Handed ☑ Yes ☐ No</td>
</tr>
</tbody>
</table>
Gate Reversing Edge

90-807700  Nylon Bushing
Features and Notes

COURION Car Gate Reversing Edge

90-815000  SJO Cable - 4 Wire
Features and Notes

COURION Car Gates with Tape Switch Reversing Edges

90-854700  Latex Rubber Tubing
Features and Notes

COURION Car Gate Reversing Edge - Hazardous Conditions

90-854900  Rubber Hose
Features and Notes

COURION Car Gate Reversing Edge - Hazardous Conditions

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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. Trip 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

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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

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