SWITCHES

iSENSORS - LIMIT SWITCHES - AUTO-STA SET SWITCHES - EUDS
Switches

iSENSORS
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Where Used
COURION Next Generation iSYSTEM

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

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<thead>
<tr>
<th>Item #</th>
<th>Part #</th>
<th>Part Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>04-70003</td>
<td>iSENSOR - Close</td>
</tr>
<tr>
<td>2</td>
<td>04-70004</td>
<td>iSENSOR - Open</td>
</tr>
<tr>
<td>3</td>
<td>90-717010</td>
<td>iSENSOR Magnet</td>
</tr>
<tr>
<td>4</td>
<td>90-718020</td>
<td>iSENSOR Cable</td>
</tr>
<tr>
<td>5</td>
<td>94-700000</td>
<td>iSENSOR Hardware Kit</td>
</tr>
</tbody>
</table>

Handed
☐ Yes ☐ No
If part is handed, you must specify Right or Left Hand.

Features and Notes
COURION’s Door iSENSORs utilize state-of-the-art hall-effect technology, which allows contact-free sensing, devoid of mechanical wear, to reliably determine the exact position of your freight elevator hoistway doors. COURION’s iSENSORs have no moving parts, so there is nothing to break and nothing to adjust.

The iSENSORs are immune to dust, oil, grease, dirt, mud, and water.
Where Used
COURION Power Operated Freight Doors with Q Series Interlocks

Also available: QLS II Limit Switch - Explosion Resistant (Part #: 04-250079)

Features and Notes
Includes Q Limit Switch Hardware Kit #94-000190Q.

Handed
Yes  No
If part is handed, you must specify Right or Left Hand.

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>04-252000</td>
<td>QLS II Roller Assembly</td>
</tr>
<tr>
<td>2</td>
<td>90-983200</td>
<td>Microswitch</td>
</tr>
</tbody>
</table>

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

Where Used
COURION Power Operated Freight Doors with P Series Interlocks
Also Available: 1 Pair of Limit Switches (Part #: 04-550002.

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>04-550100</td>
<td>Limit Switch Roller Arm</td>
</tr>
<tr>
<td>2</td>
<td>04-550200</td>
<td>Limit Switch Mounting Bracket</td>
</tr>
<tr>
<td>3</td>
<td>90-983200</td>
<td>Microswitch</td>
</tr>
</tbody>
</table>

Handed
☐ Yes  ☐ No
If part is handed, you must specify Right or Left Hand.

Features and Notes

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

04-599301

Limit Switch Assembly - Obsolete

Where Used
COURION P Style Power Operated Freight Doors

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>04-548604</td>
<td>Limit Switch Box Cover</td>
</tr>
<tr>
<td>2</td>
<td>04-549004</td>
<td>Spring - Obsolete</td>
</tr>
<tr>
<td>3</td>
<td>04-549206</td>
<td>Shaft Rod Assembly - Obsolete</td>
</tr>
<tr>
<td>4</td>
<td>04-601401</td>
<td>Microswitch insulator - Obsolete</td>
</tr>
<tr>
<td>5</td>
<td>08-003600</td>
<td>Interlock Spring</td>
</tr>
<tr>
<td>6</td>
<td>90-876300</td>
<td>Microswitch</td>
</tr>
</tbody>
</table>

Handed
☐ Yes  ☐ No
If part is handed, you must specify Right or Left Hand.

Features and Notes
Obsolete - replaced by 04-550001 & 04-550002

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

04-252000  QLS II Roller Assembly
Where Used
COURION QLSII Limit Switch

Features and Notes

04-548604  Limit Switch Box Cover
Where Used
COURION P Style Power Operated Freight Doors, Car Gate Contact

Features and Notes

04-549000  Spring
Where Used
COURION P Style Power Operated Freight Doors, and Gate Contact

Features and Notes

04-549004  Spring - Obsolete
Where Used
COURION P Style Power Operated Freight Doors

Features and Notes
Obsolete

Handed ○ Yes ○ No

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

04-549206   Shaft Rod Assembly - Obsolete
Where Used
COURION P Style Power Operated Freight Doors

Features and Notes
Obsolete

04-549303   Limit Switch Shaft
Where Used
COURION P Style Power Operated Freight Doors

Features and Notes

04-550100   Limit Switch Roller Arm
Where Used
COURION P Style Limit Switches

Features and Notes

04-550200   Limit Switch Mounting Bracket
Where Used
COURION P Style Limit Switches

Features and Notes
## Limit Switches

### 04-700003
**iSENSOR** - Close

**Where Used**
COURION Next Generation iSYSTEM - used with ILEARN Door Controls

**Features and Notes**

<table>
<thead>
<tr>
<th>Handed</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### 04-700004
**iSENSOR** - Open

**Where Used**
COURION Next Generation iSYSTEM - used with ILEARN Door Controls

**Features and Notes**

<table>
<thead>
<tr>
<th>Handed</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### 07-211079
**Cover** - Hazardous Location

**Where Used**
COURION Q Style Car Gate - Hazardous Environment - OBSOLETE

Replace with QLS II Limit Switch

**Features and Notes**

<table>
<thead>
<tr>
<th>Handed</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### 09-880000
**Door Open Cam** - Q Style

**Where Used**
COURION “Q” Style Limit Switches

**Features and Notes**

Available in stainless.

Includes Door Open Cam Hardware Kit #94-000200Q

<table>
<thead>
<tr>
<th>Handed</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Limit Switches

09-881500  
QLS Door Close Cam  
COURION "Q" Style Limit Switch  

Features and Notes  
Available in Stainless  
Includes Door Close Cam Hardware Kit #94-000210Q  

Handed  Yes  No

09-881800  
QLS Door Open Cam  
COURION "Q" Style Limit Switch  

Features and Notes  
Available in Stainless  

Handed  Yes  No

90-717010  
iSENSOR Magnet  
COURION Next Generation iSYSTEM - used with ILEARN Door Controls  

Features and Notes  
.125" thick x .625" wide x 24" Long  

Handed  Yes  No

90-718020  
iSENSOR Cable  
COURION Next Generation iSYSTEM - used with ILEARN Door Controls  

Features and Notes  
20’ Long  

Handed  Yes  No
Limit Switches

90-907900  
Roller Arm

Where Used

Features and Notes

90-983200  
Microswitch

Where Used
COURION QLSII and P Style Limit Switch, and Q Style Auto-Sta Set Switch

Features and Notes
Electrical Rating - 300VAC, 10A
Rated suitable for NEMA 1, 2, 3, 4, 7, 9 & 12 environments and is classified IP68.
UL and CSA Approved

Handed ○ Yes ◯ No

90-983300  
Microswitch - Explosion Resistant

Where Used
COURION QLSII Limit Switch and Rotary Limit Switch

Features and Notes

Handed ○ Yes ◯ No

94-000190Q  
Q Limit Switch Hardware Kit

Where Used
COURION “Q” Style Freight Doors

Features and Notes

Handed ○ Yes ◯ No
Limit Switches

94-000200Q  Q Door Open Cam Hardware Kit
Where Used
COURION “Q” Style Limit Switch Door Open Cam

Features and Notes

94-000210Q  Q Door Close Cam Hardware Kit
Where Used
COURION “Q” Style Limit Switch

Features and Notes

94-000730  Door Limit Switch Hardware Kit
Where Used
COURION P Style Limit Switches

Features and Notes

94-700000  iSENSOR Hardware Kit
Where Used
COURION Next Generation iSYSTEM - used with ILEARN Door Controls

Features and Notes
Includes fasteners necessary to attach the Open and Close iSENSORs to the Door Guide Rails

Handed ○ Yes ○ No
Where Used
COURION Q Style Power Operated Freight Doors.

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>90-983200</td>
<td>Microswitch</td>
</tr>
<tr>
<td>2</td>
<td>90-983250</td>
<td>Roller Arm</td>
</tr>
<tr>
<td>3</td>
<td>94-000220Q</td>
<td>Q Auto-Sta Set Switch Hardware Kit</td>
</tr>
</tbody>
</table>

Features and Notes
The Q Style Auto-Sta Set Switch solves the problem of “bouncing” freight doors when a heavy weight passes over the lower door panel. When activated, the Auto-Sta Set Switch applies power to the door motors and returns the lower door panel to the FULL OPEN position.

Includes Auto-Sta Set Hardware Kit #94-000220Q
**Q Series**

**90-983200**

**Microswitch**

Where Used
COURION QLSII and P Style Limit Switch, and Q Style Auto-Sta Set Switch

Features and Notes
Electrical Rating - 300VAC, 10A
Rated suitable for NEMA 1, 2, 3, 4, 7, 9 & 12 environments and is classified IP68.
UL and CSA Approved

Handed ○ Yes ☐ No

---

**90-983250**

**Roller Arm**

Where Used
COURION Q Style Auto-Sta Set Switch

Features and Notes
Available in Stainless

Handed ○ Yes ☐ No

---

**94-000220Q**

**Q Auto-Sta Set Switch Hardware Kit**

Where Used
COURION Q Style Auto-Sta Set Switch

Features and Notes

Handed ○ Yes ☐ No
Auto-Sta Switches

Features and Notes

The P Style Auto-Sta Set Switch solves the problem of “bouncing” freight doors when a heavy weight passes over the lower door panel. When activated, the Auto-Sta Set Switch applies power to the door motors and returns the lower door panel to the FULL OPEN position.
**P Series**

<table>
<thead>
<tr>
<th>P Series</th>
<th>Microswitch</th>
</tr>
</thead>
<tbody>
<tr>
<td>90-876700</td>
<td>COURION P Style Auto-Sta Set Switch</td>
</tr>
</tbody>
</table>

**Features and Notes**
- Electrical Rating - 300VAC, 10A
- Rated suitable for NEMA 1, 2, 3, 4, 7, 9 & 12 environments and is classified IP68.
- UL and CSA Approved

**Handed** ☑ Yes  ☐ No

---

<table>
<thead>
<tr>
<th>P Series</th>
<th>Auto-Sta Set Roller Arm</th>
</tr>
</thead>
<tbody>
<tr>
<td>90-876850</td>
<td>COURION P Style Auto-Sta Set Switch</td>
</tr>
</tbody>
</table>

**Features and Notes**

**Handed** ☑ Yes  ☐ No
**Where Used**
COURION Freight Doors and Dumbwaiters with P Series Interlocks

OBSELETE - Replaced by Emergency Unlocking Device #08-899505.

**Features and Notes**
The hoistway door Emergency Unlocking Device (EUD) is provided to unlock the hoistway doors as specified in the Elevator Code.

**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>08-800800</td>
<td>EUD Chain Kit - Obsolete</td>
</tr>
<tr>
<td>2</td>
<td>90-848800</td>
<td>EUD Lock</td>
</tr>
</tbody>
</table>

**Handed**
- Yes
- No

If part is handed, you must specify Right or Left Hand.
Where Used
COURION Freight Doors with Q Series Interlocks

OBsolete - Replaced by Emergency Unlocking Device #08-899504

Features and Notes
The hoistway door Emergency Unlocking Device (EUD) is provided to unlock the hoistway doors as specified in the Elevator Code.

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>08-800800</td>
<td>EUD Chain Kit - Obsolete</td>
</tr>
<tr>
<td>2</td>
<td>90-848800</td>
<td>EUD Lock</td>
</tr>
<tr>
<td>3</td>
<td>90-876500</td>
<td>Microswitch</td>
</tr>
</tbody>
</table>

Handed
○ Yes  ○ No
If part is handed, you must specify Right or Left Hand.
Emergency Unlocking Devices

08-899504

Where Used
COURION Freight Doors with Q Style Interlocks

Designed to replace Emergency Unlocking Device #08-899503

Features and Notes
Made out of 16GA Stainless Steel with #4 finish

Includes EUD Cable Hardware Kit #08-800802

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>08-802300</td>
<td>EUD Cover</td>
</tr>
<tr>
<td>2</td>
<td>08-802301</td>
<td>EUD Base</td>
</tr>
<tr>
<td>3</td>
<td>08-802302</td>
<td>Insulator</td>
</tr>
<tr>
<td>4</td>
<td>90-848800</td>
<td>EUD Lock</td>
</tr>
<tr>
<td>5</td>
<td>90-877600</td>
<td>EUD Snap Action Microswitch</td>
</tr>
<tr>
<td>6</td>
<td>90-890700</td>
<td>#16ga Wire</td>
</tr>
</tbody>
</table>

Handed
☐ Yes ☐ No

If part is handed, you must specify Right or Left Hand.
08-899505  Emergency Unlocking Device - no microswitch

Where Used
COURION Freight Door Systems with P Style Interlocks
Designed to replace Emergency Unlocking Device #08-899502

Features and Notes
Made out of 16GA Stainless Steel with #4 finish
Includes EUD Cable Hardware Kit #08-800802

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>08-802300</td>
<td>EUD Cover</td>
</tr>
<tr>
<td>2</td>
<td>08-802301</td>
<td>EUD Base</td>
</tr>
<tr>
<td>3</td>
<td>90-848800</td>
<td>EUD Lock</td>
</tr>
</tbody>
</table>

Handed
○ Yes  ◘ No
If part is handed, you must specify Right or Left Hand.
Where Used
COURION Freight Doors with P Series Interlocks

Features and Notes
The hoistway door Emergency Unlocking Device (EUD) is provided to unlock the hoistway doors as specified in the Elevator Code.

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>08-800400</td>
<td>EUD Glass Retainer</td>
</tr>
<tr>
<td>2</td>
<td>08-800900</td>
<td>EUD Glass</td>
</tr>
<tr>
<td>3</td>
<td>09-804400</td>
<td>Thru Bolt Washer</td>
</tr>
<tr>
<td>4</td>
<td>90-820200</td>
<td>Chain - #8 Sash</td>
</tr>
<tr>
<td>5</td>
<td>90-846300</td>
<td>Split Key Ring</td>
</tr>
<tr>
<td>6</td>
<td>90-848800</td>
<td>EUD Lock</td>
</tr>
</tbody>
</table>

Handed
- Yes
- No
If part is handed, you must specify Right or Left Hand.
Emergency Unlocking Devices

08-800400
Where Used
COURION EUDs

EUD Glass Retainer

Features and Notes

08-800802
Where Used
COURION Emergency Unlocking Device for both Q and P Style Interlocks.

EUD Cable Kit

Features and Notes
Hardware Kit includes: (1) 24” long piece of 3/32” aircraft cable (#08-802304), (1) EUD Label (#90-205700), (2) Hudson keys #CH751 (#90-952000), and (2) 1/4” x 1-1/2” nail-ins.

08-800900
Where Used
COURION EUDs

EUD Glass

Features and Notes
2-3/4” x 2-3/16”

09-804400
Where Used
COURION Emergency Unlocking Device

Thru Bolt Washer

Features and Notes
Emergency Unlocking Devices

90-846300
Where Used
COURION Emergency Unlocking Device

Features and Notes

Split Key Ring

90-848800
Where Used
COURION Emergency Unlocking Devices

Features and Notes
Requires Key # CH751

90-876500
Where Used
COURION Emergency Unlocking Devices 08-899502 and 08-899503.

Features and Notes

Microswitch

90-877600
Where Used
COURION Emergency Unlocking Devices 08-899504 and 08-899505

Features and Notes
Microswitch is wired normally open (NO)
Include a (1) insulator (#08-802302), (2) 3-48 x 3/4" pan head machine screws, and (2) 3-48 hex nuts.
Emergency Unlocking Devices

90-952000

Where Used
COURION Emergency Unlocking Devices

Features and Notes
Hudson #CH751

EUD Key

Handed ○ Yes ☐ No