

Door Controls

DOOR CONTROLS - TRANSFORMERS - WIRING MATERIAL



ONE COMPANY
So Many Options



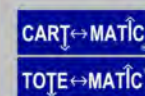
Freight Door Systems



Freight Car Enclosures



IUEC Installation



Material Handling
Systems



Service Parts

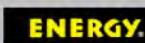


Service Parts



HARRIS PREBLE

Service Parts



Service Parts



Controls



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Controls

01-715000

iLEARN Door Control

Where Used

COURION's Next Generation Freight Door Systems.

Requires iDRIVE VFD Motor Controls at each floor - see 01-710000 for more information on the iDRIVE VFD Motor Control.

Sub Assemblies

(For additional details - see pages that follow)

Item #	Part #	Part Description
1	01-801410	Enclosure - 12"x16"x7"
2	90-540001	Fuse - 1A
3	90-715000	iLEARN Door Control - without cabinet
4	90-837400	Fuse Terminal Block



Handed

☐ Yes ☒ No

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



Features and Notes

The iLEARN Door Control automatically adjusts your hoistway doors and car gates. From the initial setup to the ongoing operation of your freight doors, the iLEARN Door Control makes adjustments to ensure the smooth and quiet performance of your Courion equipment.

Includes control cabinet, wiring terminal strip, and car buzzer.



Controls

01-715200

iLEARN Door Control with iLEM (KONE)

Where Used

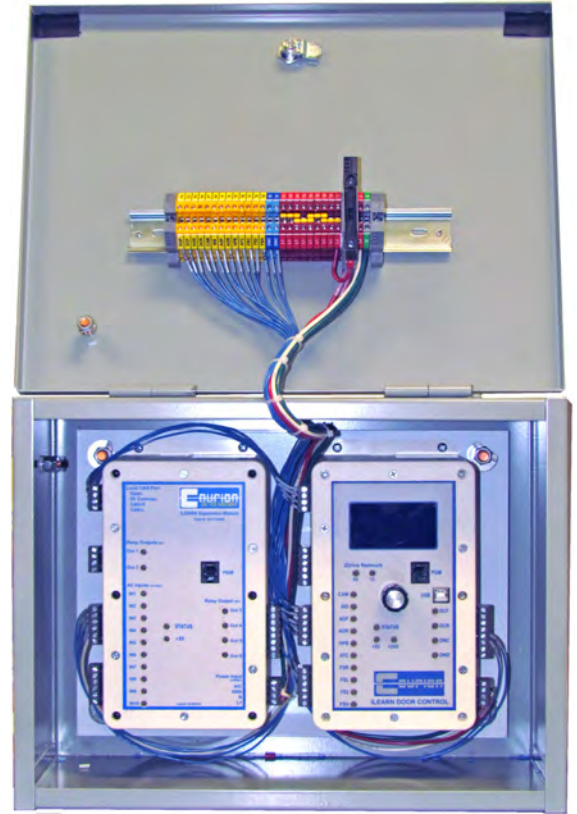
COURION's Next Generation Freight Doors with KONE Elevator Control

See 01-715300 - iLEARN Control with iLEM Expansion Module with Otis Elevator Control

Sub Assemblies

(For additional details - see pages that follow)

Item #	Part #	Part Description
1	90-540001	Fuse - 1A
2	90-715000	iLEARN Door Control - without cabinet
3	90-715400	iLEARN Expansion Module - iLEM



Handed

☐ Yes ☒ No

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

Features and Notes

The iLEARN Door Control automatically adjusts your hoistway doors and car gates. From the initial setup to the ongoing operation of your freight doors, the iLEARN Door Control makes adjustments to ensure the smooth and quiet performance of your Courion equipment.

Includes control cabinet, wiring terminal strip, and car buzzer.



Controls

01-725000

Gate iDRIVE.g

Where Used

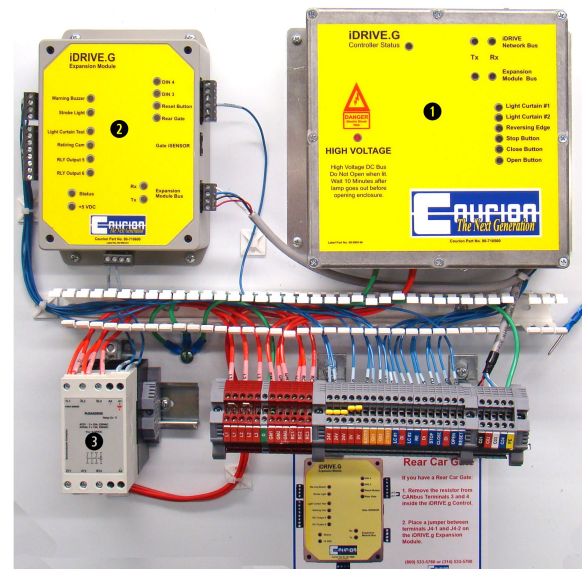
COURION Next Generation Freight Doors with Gate iSENSOR.g Encoder.

Used in conjunction with COURION Next Generation systems running Version 2.0 software.

Sub Assemblies

(For additional details - see pages that follow)

Item #	Part #	Part Description
1	90-710500	Gate iDRIVE.g VFD Control
2	90-710600	Gate iDRIVE.g Expansion Module
3	90-713506	Contactors



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

Features and Notes

The Gate iDRIVE.g VFD Control provides car-top variable frequency drive control to COURION's gate motors. The variable frequency technology utilized by the Gate iDRIVE.g guarantees the smooth and quiet operation of your car gate every time.

Started in May 2010. Replaces the Gate iDRIVE.plc

Used in conjunction with the Gate iSENSOR.g



Controls

01-720000

Gate iDRIVE.plc

Where Used

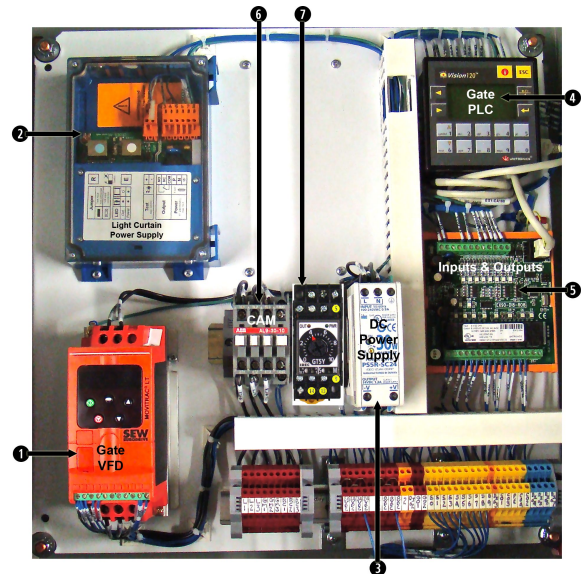
COURION Next Generation iSYSTEM with Gate iSENSOR.plc Encoder.

Used in conjunction with COURION Next Generation Systems running Version 1.0x software.

Sub Assemblies

(For additional details - see pages that follow)

Item #	Part #	Part Description
1	90-210205	Variable Frequency Drive
2	90-514501	CARE-C Power Supply - (Obsolete)
3	90-540001	Fuse - 1A
4	90-710510	Power Supply
5	90-711000	Vision 120 PLC
6	90-711500	Digital Input/Output Card
7	90-713504	Contactor - Solid State (Obsolete)
8	90-713505	Time Delay Relay
9	e-1223	Relay Socket



Handed
☒ Yes ☐ No

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

Features and Notes

Replaced in May 2010 with the COURION Gate iDRIVE.g

If the Gate iDRIVE.plc is replaced with a Gate iDRIVE.g, then the Gate iSENSOR.plc must be replaced with a Gate iSENSOR.g.

Must specify FRONT or REAR Gate when ordering.



Controls

01-655000

Model MP Door Control - Type G1

Where Used

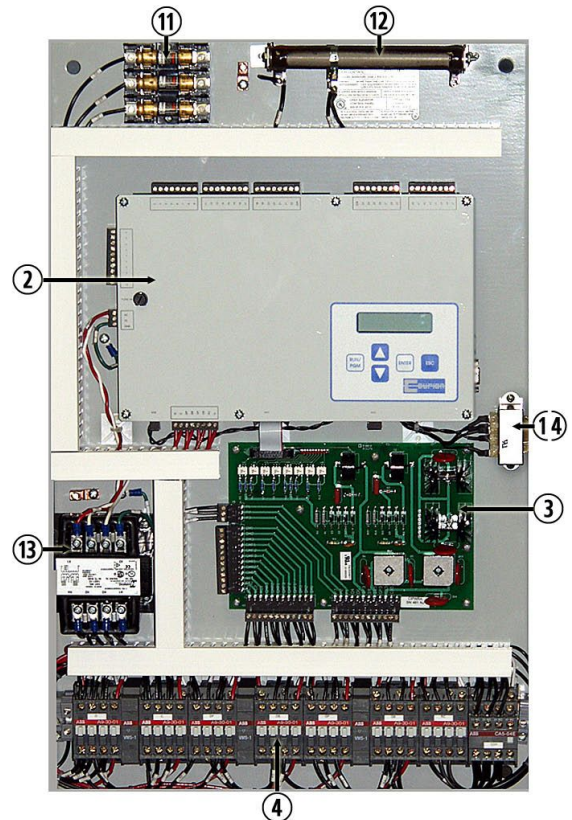
In-line, single-sided hoistway or two-sided hoistway with front and rear openings at the same level.

If you have a staggered hoistway with two (2) gates (front and rear not at the same landing) use the Model "MP" Control - Type G2 (Part #: 01-655500)

Sub Assemblies

(For additional details - see pages that follow)

Item #	Part #	Part Description
1	01-655100	MP Control Board
2	01-655200	MP Power Board
3	90-520001	Contactor - NC Aux
4	90-522000	Mechanical Interlock
5	90-523000	Contact Adder Deck - 1NO
6	90-524000	Adder Deck Contact - 1NC
7	90-525000	Adder Deck Contact - 4NC
8	90-551500	Microfuse
9	90-552000	Fuse - 1A
10	90-842300	Fusetron - 6.25A
11	90-867500	Adjustable Resistor - 250 ohms, 100 Watts
12	90-883000	Transformer - 230V/115V
13	90-883655	Transformer - 115V/24V



Handed

☐ Yes ☒ No

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

Features and Notes

Fire Service - Constant Pressure Close or Momentary Pressure - Passenger Sequence Operation - Reversing Edge on Car Gate and CARE Light Curtain.

MODERNIZE! The Model MP Control will easily replace most existing Courion Controls.



Controls

01-650000

Model E Door Control - Type D1G1

Where Used

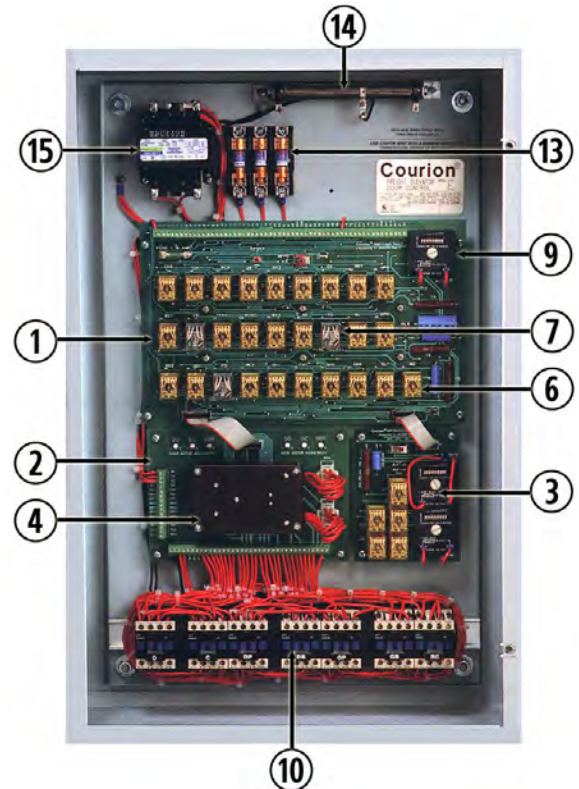
Freight door systems that have limit switches and "X", "P", or "Q" Series Courion Interlocks, and car gates with Open and Close Limit Switches.

01-651000 - One (1) Car Gate and Auto-Time Close
 01-650500 - Two (2) Car Gates
 01-651500 - Two (2) Car Gates and Auto-Time Close

Sub Assemblies

(For additional details - see pages that follow)

Item #	Part #	Part Description
1	01-600010	Main Logic Board - With Relays
2	01-601000	Power Board Assembly - Obsolete
3	01-602000	Auto Time Close Board - Optional
4	01-603000	Power Control Module - Obsolete
5	01-620000	Enclosure - 20"x30"x8"
6	90-510000	Relay - 120VAC Coil
7	90-510010	Relay - 120VAC
8	90-510500	Relay - 110VDC Coil
9	90-511000	Timer Cube
10	90-520001	Contactor - NC Aux
11	90-522000	Mechanical Interlock
12	90-540000	Fuse - 1.5A
13	90-842300	Fusetron - 6.25A
14	90-867500	Adjustable Resistor - 250 ohms, 100 Watts
15	90-883000	Transformer - 230V/115V
16	90-966900	Rectifier



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

Features and Notes

Fire Service - Constant Pressure Close or Momentary Pressure Close - Passenger Sequence Operation - Reversing Edge on Car Gate and CARE Light Curtain.

The Power Board Assembly (#01-601000) and Power Control Module (#01-603000) are obsolete. Replace with the new solid-state Power Control Board #01-604000.



Controls

01-6560xx

Model D Door Control

Where Used

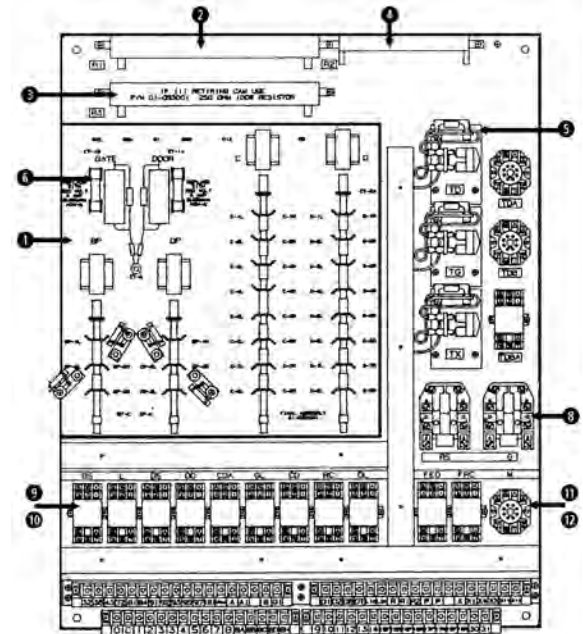
Freight door systems that have limit switches and "X" or "P" Series Courion Interlocks, and Car Gates with Open and Close Limit Switches.

This Series of Door Control is no longer manufactured by Courion. Please call Courion for additional information.

Sub Assemblies

(For additional details - see pages that follow)

Item #	Part #	Part Description
1	01-052002	Relay Board - 240V
2	01-053003	Adjustable Resistor - 110 ohms, 225 Watts
3	01-053004	Adjustable Resistor - 250 ohms, 100 Watts
4	01-053006	Adjustable Resistor - 250 ohms, 225 Watts
5	01-098003	Time Delay Relay
6	01-800420	Enclosure
7	90-837300	Fuse Block
8	90-841300	Fusetron - 6A
9	90-841800	Fusetron
10	90-865700	Relay - 240VAC
11	90-968100	Relay - 240VAC
12	90-973000	Relay Socket
13	90-973100	Relay Socket
14	90-984800	Time Delay Relay - 240V



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

Features and Notes

Fire Service - Constant Pressure Close or
 Momentary Pressure Close - Passenger
 Sequence Operation - Reversing Edge on Car
 Gate.



Controls

01-052002

Relay Board - 240V

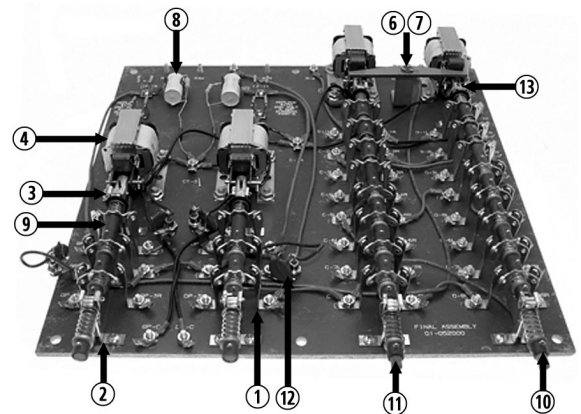
Where Used

COURION Model D Door Control.

Sub Assemblies

(For additional details - see pages that follow)

Item #	Part #	Part Description
1	01-032700	Stationary Contact
2	01-033000	Rod Guide Bracket
3	01-033001	Rod Guide Retainer
4	01-046703	Solenoid Assembly - 120V
5	01-046714	Solenoid Assembly - 220V
6	01-046800	Interlock Bracket
7	01-046901	Interlock Bar
8	01-053101	Capacitor - 600V 1MFD
9	01-079102	Movable Contact Assembly - 1NC 2NO
10	01-079305	Movable Contact Assembly - 3NC 5NO
11	01-079404	Movable Contact Assembly - 4NC 4NO
12	01-100800	Rectifier Assembly
13	04-355200	Adjustable Bail Pin



Handed

☐ Yes ☒ No

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

Features and Notes

The Movable Contact Assemblies used on the Relay Board vary from job to job. Please contact COURION with the JOB NUMBER, JOB NAME, or JOB LOCATION prior to ordering.



Controls

01-510000

MIPROM Door Control

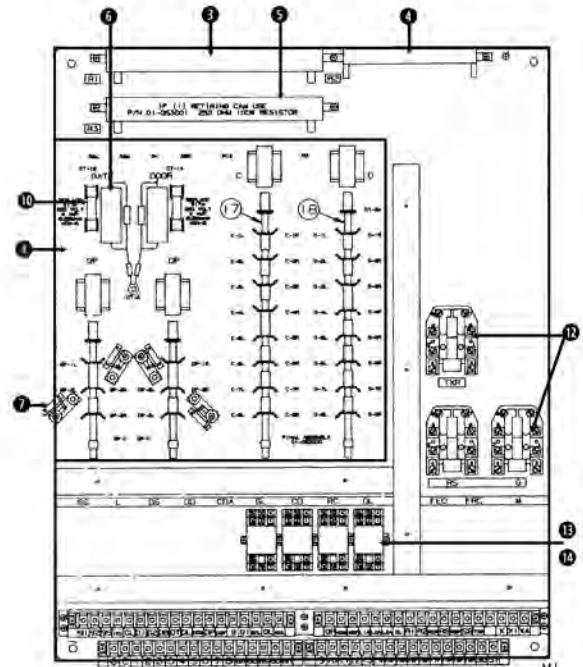
Where Used

Each MIPROM Control manufactured by COURION is job specific. Please contact COURION regarding the job requirements and control features for your particular job.

Sub Assemblies

(For additional details - see pages that follow)

Item #	Part #	Part Description
1	01-052001	Relay Board - 120V
2	01-053001	Adjustable Resistor - 250 ohms, 100 Watts
3	01-053003	Adjustable Resistor - 110 ohms, 225 Watts
4	01-053004	Adjustable Resistor - 250 ohms, 100 Watts
5	01-053006	Adjustable Resistor - 250 ohms, 225 Watts
6	01-053101	Capacitor - 600V 1MFD
7	01-100800	Rectifier Assembly
8	01-800420	Enclosure
9	90-837300	Fuse Block
10	90-841300	Fusetron - 6A
11	90-841800	Fusetron
12	90-865600	Relay - 120VAC
13	90-968000	Relay - 120VAC
14	90-973000	Relay Socket



Handed

☐ Yes ☒ No

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

Features and Notes

To insure proper replacement parts, please provide the appropriate JOB NUMBER, JOB NAME, JOB LOCATION and/or PART NUMBER and DESCRIPTION when ordering.



Controls

01-052001

Relay Board - 120V

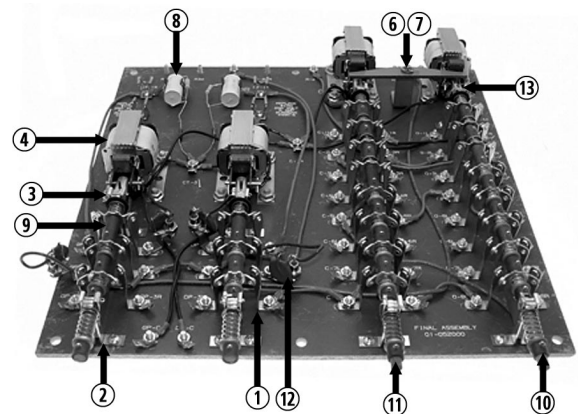
Where Used

COURION MIPROM Door Controls.

Sub Assemblies

(For additional details - see pages that follow)

Item #	Part #	Part Description
1	01-032700	Stationary Contact
2	01-033000	Rod Guide Bracket
3	01-033001	Rod Guide Retainer
4	01-046703	Solenoid Assembly - 120V
5	01-046714	Solenoid Assembly - 220V
6	01-046800	Interlock Bracket
7	01-046901	Interlock Bar
8	01-053101	Capacitor - 600V 1MFD
9	01-079102	Movable Contact Assembly - 1NC 2NO
10	01-079305	Movable Contact Assembly - 3NC 5NO
11	01-079404	Movable Contact Assembly - 4NC 4NO
12	01-100800	Rectifier Assembly
13	04-355200	Adjustable Bail Pin



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

Features and Notes

The Movable Contact Assemblies used on the Relay Board vary from job to job. Please contact COURION with the JOB NUMBER, JOB NAME, or JOB LOCATION prior to ordering.



Controls

01-655700

PLC Door Control - Type D1G1

Where Used

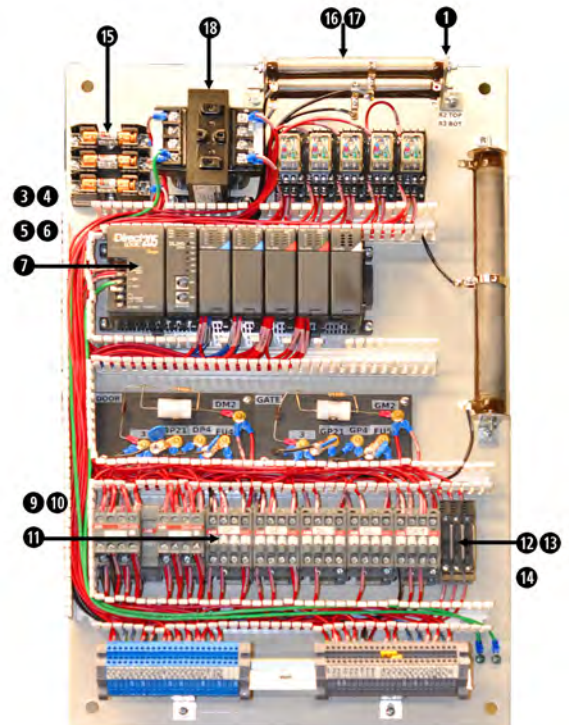
In-line, single-sided hoistway or two sided hoistway with front and rear openings at the same level.

Special Door Control for interconnection with Otis Elevator 211/411 Control.

Sub Assemblies

(For additional details - see pages that follow)

Item #	Part #	Part Description
1	01-523001	Resistor Mounting Bracket
2	01-620000	Enclosure - 20"x30"x8"
3	90-036008	Input Module
4	90-037008	Output Module
5	90-037100	Filler Module
6	90-038000	PLC Module
7	90-039006	PLC Base
8	90-510010	Relay - 120VAC
9	90-520001	Contact - NC Aux
10	90-522000	Mechanical Interlock
11	90-526000	Contact Adder Deck - 4NO
12	90-540000	Fuse - 1.5A
13	90-540100	Fuse - 6A
14	90-837400	Fuse Terminal Block
15	90-842300	Fusetron - 6.25A
16	90-867500	Adjustable Resistor - 250 ohms, 100 Watts
17	90-867900	Adjustable Resistor - 100 ohms, 225 Watts
18	90-883000	Transformer - 230V/115V
19	e-1223	Relay Socket



Handed

☐ Yes ☒ No

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

Features and Notes

Fire Service - Constant Pressure Close or Momentary Pressure - Passenger Sequence Operation - Reversing Edge on Car Gate and CARE Light Curtain.

PLC based Door Control - programming is job specific. Please provide your JOB NUMBER, JOB NAME, or JOB LOCATION when ordering.



Controls

01-730000

CART-MATIC VFD Control

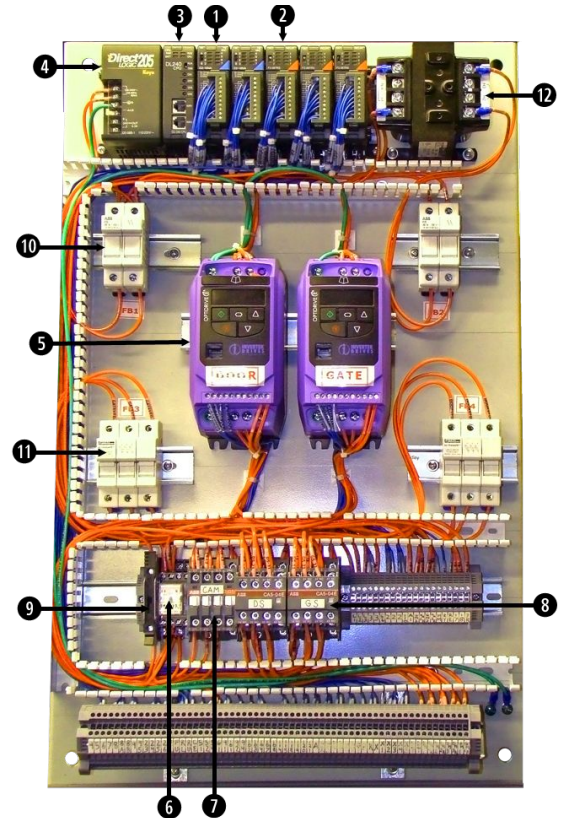
Where Used

COURION Cart-Lift Systems with DISPATCH-RETURN operations and a Cart Ejector Unit.

Sub Assemblies

(For additional details - see pages that follow)

Item #	Part #	Part Description
1	90-036000	Input Module
2	90-036108	Output Module
3	90-038000	PLC Module
4	90-039006	PLC Base
5	90-210200	VFD Module
6	90-510000	Relay - 120VAC Coil
7	90-520001	Contactor - NC Aux
8	90-525000	Adder Deck Contact - 4NC
9	90-540000	Fuse - 1.5A
10	90-837500	Fuse Holder - 2 Position
11	90-837501	Fuse Holder - 3 Position
12	90-883000	Transformer - 230V/115V



Handed

☐ Yes ☒ No

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

Features and Notes

Each COURION Cart-Matic VFD Door Controller is customized for the facility's unique operational procedures. COURION's CM Control provides the "smarts" to fully operate the hoistway doors, car gate, and Cart-Matic Transfer Unit.



Controls

01-730200

CART-MATIC Transfer Unit Control

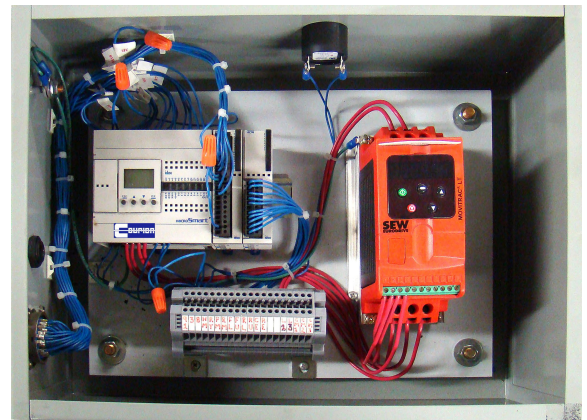
Where Used

COURION Cart-Matic Transfer Units with Encoders

Sub Assemblies

(For additional details - see pages that follow)

Item #	Part #	Part Description
1	90-210200	VFD Module
2	90-220100	Microsmart PLC
3	90-220101	DC Input Card - 16 pts
4	90-220102	AC Input Card - 8 pts
5	90-220103	Microsmart Display
6	90-220104	Enclosure
7	90-510010	Relay - 120VAC
8	94-225000	Encoder Mounting Hardware Kit



Handed

☐ Yes ☒ No

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

Features and Notes

Provides variable frequency motor control for COURION's CART-MATIC Transfer Unit. This control monitors both the distance and speed of the Transfer Unit during the pick-up and eject cycle via a rotary encoder attached to the underside of the Transfer Unit.



Controls

01-730300

Dumbwaiter Door Control

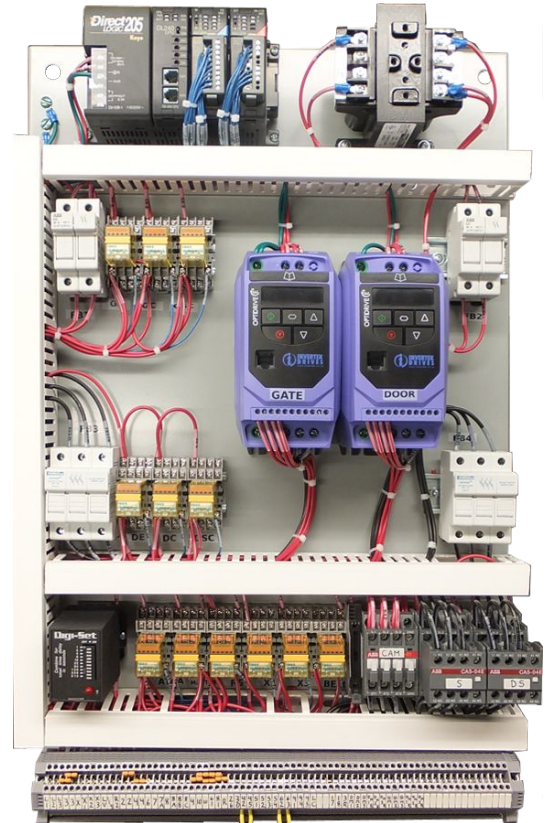
Where Used

COURION Cart-Lift Systems with CALL-SEND operations and no Cart Ejector Unit.

Sub Assemblies

(For additional details - see pages that follow)

Item #	Part #	Part Description
1	90-036000	Input Module
2	90-037000	DC Output - 12 pts
3	90-038000	PLC Module
4	90-039003	3-Slot Base
5	90-210200	VFD Module
6	90-510010	Relay - 120VAC
7	90-520001	Contactor - NC Aux
8	90-525000	Adder Deck Contact - 4NC
9	90-540000	Fuse - 1.5A
10	90-837500	Fuse Holder - 2 Position
11	90-837501	Fuse Holder - 3 Position
12	90-883000	Transformer - 230V/115V
13	90-973100	Relay Socket



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

Features and Notes

Each COURION Dumbwaiter VFD Door Controller is customized for the facility's unique operational procedures. COURION's DW Control provides the variable frequency motor control at every opening.



Controls

01-HYDRO

Hydraulic Lift Control

Where Used

COURION Hydraulic Elevator Lift Control is utilized with COURION's Dumbwaiter and CART-MATIC Systems. In most instances, the Hydraulic Lift Control will also include the necessary control for the Hoistway Doors and CART-MATIC Unit.

Sub Assemblies

(For additional details - see pages that follow)

Item #	Part #	Part Description
1	90-036000	Input Module
2	90-036108	Output Module
3	90-038000	PLC Module
4	90-039006	PLC Base
5	90-510010	Relay - 120VAC
6	90-515600	DC Power Supply
7	90-540000	Fuse - 1.5A
8	90-837400	Fuse Terminal Block
9	90-883000	Transformer - 230V/115V
10	90-966500	Phase Monitor Relay
11	90-973100	Relay Socket



Handed

☐ Yes ☒ No

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

Features and Notes

COURION's Hydraulic Lift Control features a Programmable PLC containing specific logic to meet a Job Specific Description of Operation.

When ordering parts, please have your COURION JOB NUMBER, JOB NAME, or JOB LOCATION.



Controls

01-TRACTION

Traction Lift Control

Where Used

COURION Traction Elevator Lift Control is utilized with COURION's Dumbwaiter and CART-MATIC Systems. In most instances, the Traction Lift Control will also include the necessary control for the Hoistway Doors and CART-MATIC Unit.

Sub Assemblies

(For additional details - see pages that follow)

Item #	Part #	Part Description
1	01-801560	Enclosure - 39"x44"x12"
2	90-036000	Input Module
3	90-036108	Output Module
4	90-038000	PLC Module
5	90-210205	Variable Frequency Drive
6	90-510010	Relay - 120VAC
7	90-520001	Contactor - NC Aux
8	90-837400	Fuse Terminal Block
9	90-837500	Fuse Holder - 2 Position
10	90-837501	Fuse Holder - 3 Position
11	90-837600	Fuse - .5A
12	90-837700	Fuse - 1A
13	90-837800	Fuse - .25 A
14	90-883000	Transformer - 230V/115V
15	90-966500	Phase Monitor Relay
16	90-966900	Rectifier
17	90-973100	Relay Socket



Handed

☐ Yes ☒ No

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

Features and Notes

COURION's Traction Lift Control features a Programmable PLC containing specific logic to meet a Job Specific Description of Operation.

When ordering parts, please have your COURION JOB NUMBER, JOB NAME, or JOB LOCATION.

Adjustable Resistors

01-053001 Adjustable Resistor - 250 ohms, 100 Watts

Where Used

COURION Model D and MIPROM Door Controls.

Features and Notes

Adjustable with sliding contact.



Handed ☐ Yes ☒ No

01-053003 Adjustable Resistor - 110 ohms, 225 Watts

Where Used

COURION Model D and MIPROM Door Controls.

Features and Notes

Adjustable with sliding contact.



Handed ☐ Yes ☒ No

01-053004 Adjustable Resistor - 250 ohms, 100 Watts

Where Used

COURION Model D and MIPROM Door Controls.

Features and Notes

Adjustable with sliding contact.



Handed ☐ Yes ☒ No

01-053006 Adjustable Resistor - 250 ohms, 225 Watts

Where Used

COURION Model D and MIPROM Door Controls.

Features and Notes

Adjustable with sliding contact.



Handed ☐ Yes ☒ No

Adjustable Resistors

01-523001 Resistor Mounting Bracket

Where Used

COURION Model "PLC" and "E" Control Board.

Features and Notes

4-1/8"



Handed ☐ Yes ☒ No

01-523002 Resistor Mounting Bracket

Where Used

COURION Model "E" and MIPROM Controls

Features and Notes

Handed ☐ Yes ☒ No

90-867000 Adjustable Resistor - 200 ohms, 25 Watts

Where Used

COURION CM Controls

Features and Notes

Adjustable with sliding contact.



Handed ☐ Yes ☒ No

90-867300 Adjustable Resistor - 4000 ohms, 25 Watts

Where Used

COURION CM Controls

Features and Notes

Adjustable with sliding contact.



Handed ☐ Yes ☒ No

Adjustable Resistors

90-867500

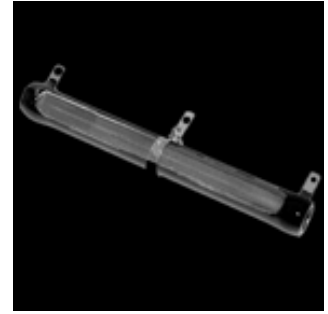
Adjustable Resistor - 250 ohms, 100 Watts

Where Used

COURION MP, PLC and E Controls

Features and Notes

Adjustable with sliding contact.



Handed ☐ Yes ☒ No

90-867900

Adjustable Resistor - 100 ohms, 225 Watts

Where Used

COURION PLC Door Controls

Features and Notes

Adjustable with sliding contact.



Handed ☐ Yes ☒ No

ADJ RESISTOR Adjustable Resistors

Where Used

COURION Door Controls.

Please see the specific type of Door Control referred to below for additional information.

Features and Notes

Adjustable with sliding contact.

The type of Sliding Resistor is Door Control Specific. Please call COURION with your JOB NUMBER, JOB NAME, or JOB LOCATION to order.



Handed ☐ Yes ☒ No

Audio Alarms and Strobes

90-893800

Buzzer - 24VDC

Where Used

COURION Next Generation System with Gate iDRIVE.G or Gate iDRIVE.plc

Features and Notes



Handed ☐ Yes ☒ No

90-893900

Buzzer - 120VAC

Where Used

COURION MP and E Controls

Features and Notes



Handed ☐ Yes ☒ No

90-894000

Buzzer - 240VAC

Where Used

COURION Model "D" Door Control.

Features and Notes



Handed ☐ Yes ☒ No

90-894240

Warble Alarm - 240VAC

Where Used

Optional

Features and Notes



Handed ☐ Yes ☒ No

Audio Alarms and Strobes

90-995070

Amber Strobe Light

Where Used

To provide visual alert prior to the closing of hoistway doors and car gate.

One required per car gate.

Features and Notes

120VAC - 60Hz



Handed ☐ Yes ☒ No

AUDIO

Buzzers and Strobes

Where Used

All Freight Elevator Doors must include an audible alarm prior to the automatic close of the Hoistway Doors and Car Gate.

Please contact COURION with your JOB NUMBER, JOB NAME, or JOB LOCATION prior

Features and Notes



Handed ☐ Yes ☒ No

Capacitors, Resistors and Rectifiers

01-053101 Capacitor - 600V 1MFD

Where Used

COURION Model "D" and MIPROM Door Controls.

Features and Notes



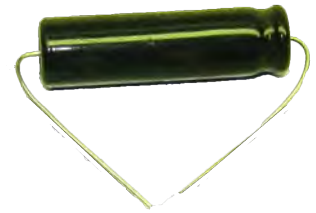
Handed ☐ Yes ☒ No

01-099100 Capacitor - 350VDC

Where Used

COURION Model "D" Control

Features and Notes



Handed ☐ Yes ☒ No

01-100800 Rectifier Assembly

Where Used

COURION Model "D" and MIPROM Door Controls.

Features and Notes

Available only as complete assembly.



Handed ☐ Yes ☒ No

90-534000 Capacitor - 150VDC

Where Used

COURION Model E Control Main Logic Board.

Features and Notes



Handed ☐ Yes ☒ No

Capacitors, Resistors and Rectifiers

90-534500

Capacitor - 150VDC

Where Used

COURION Model E Control Main Logic Board.

Features and Notes



Handed ☐ Yes ☒ No

90-816600

Capacitor - 350VDC 50 MFD

Where Used

Dumbwaiter Controls

Features and Notes



Handed ☐ Yes ☒ No

90-867100

Resistor - 250 ohms, 25 Watts

Where Used

Dumbwaiter Controls

Features and Notes



Handed ☐ Yes ☒ No

90-894200

Capacitor - 1000VDC

Where Used

Features and Notes



Handed ☐ Yes ☒ No

Capacitors, Resistors and Rectifiers

90-966900 Rectifier

Where Used

COURION Model E Power Control Board (obsolete)

Features and Notes

Replaces Rectifier (Part # 90-864300)



Handed ☐ Yes ☒ No

90-967100 Rectifier

Where Used

COURION Model "D" Rectifier Assembly

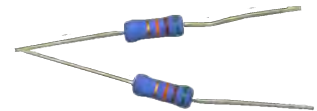
Features and Notes

Handed ☐ Yes ☒ No

90-969700 Resistor (51 ohms, 2 Watts)

Where Used

COURION Model "D" Control

Features and Notes

Handed ☐ Yes ☒ No

Contactors

90-520000 Contactor - with NC Aux (Obsolete)

Where Used

COURION MP, PLC, E AND CM Door Controls

Features and Notes

Obsolete - Use Contactor (Part #: 90-520001)



Handed ☐ Yes ☒ No

90-520001 Contactor - NC Aux

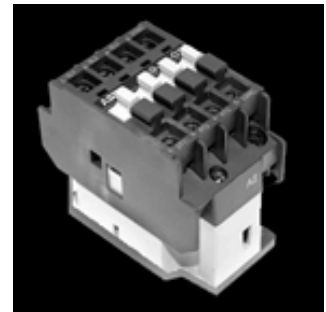
Where Used

COURION MP, PLC, E, and CM Controls

Replaces TMQ Contactor (Part #: 90-520000)

Features and Notes

120V



Handed ☐ Yes ☒ No

90-520002 Contactor - NO Aux

Where Used

Harris Preble Controls

Features and Notes

Replaces Contactor E-1181-TMQ.



Handed ☐ Yes ☒ No

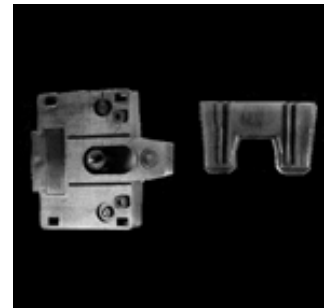
90-521000 Mechanical Interlock (Obsolete)

Where Used

Use Mechanical Interlock 90-522000

Features and Notes

Obsolete - Use Mechanical Interlock 90-522000



Handed ☐ Yes ☒ No

Contactors

90-522000 Mechanical Interlock

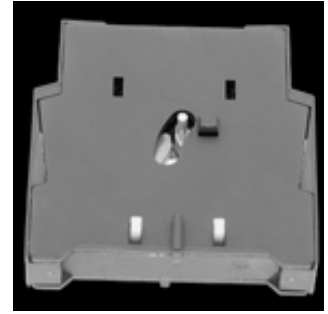
Where Used

COURION MP, PLC, and E Controls

Replaces Mechanical Interlock (Part #: 90-521000)

Features and Notes

Used with Contactor #90-520001



Handed ☐ Yes ☒ No

90-523000 Contact Adder Deck_ 1NO

Where Used

COURION MP Controls

Features and Notes

Handed ☐ Yes ☒ No

90-524000 Adder Deck Contact -1NC

Where Used

Gate Selector on MPG2 Control

Features and Notes

Used with CARE Light Curtain



Handed ☐ Yes ☒ No

90-525000 Adder Deck Contact - 4NC

Where Used

COURION MP Controls with CARE Light Curtains, and CM Door Controls

Features and Notes

Gate Selector

Replaces Contact Adder Deck E-1185-TMQ



Handed ☐ Yes ☒ No

Contactors

90-526000 Contact Adder Deck - 4NO

Where Used

COURION PLC Door Controls

Features and Notes

Replaces Contact Adder Deck E-1187-TMQ



Handed ☐ Yes ☒ No

90-713504 Contactor - Solid State

Where Used

COURION Gate iDRIVE.g and Gate iDRIVE.plc Controls

Features and Notes

Zero Crossover



Handed ☐ Yes ☒ No

CONTACTOR Contactors

Where Used

COURION Door and Car Gate Controls

For additional information on the Contactors listed below, please see particular Door Control listed under Where Used.

Features and Notes

TQM Contactors, Adder Decks and Mechanical Interlocks are no longer used and supported by COURION. If you have a TMQ Contactor tied to another TMQ Contactor with a Mechanical Interlock, you will need to replace all of them with ABB items. If you have a TMQ Contactor with a TMQ Adder Deck, you will need to replace both with an



Handed ☐ Yes ☒ No

E-1185 Contact Adder Deck - 4NC (Obsolete)

Where Used

COURION MP Controls with CARE Light Curtains, and CM Door Controls

Features and Notes

Obsolete - Use Contactor 90-525000.



Handed ☐ Yes ☒ No



Enclosures

Control Enclosures

Where Used

COURION Door and Dumbwaiter Controls

Features and Notes

Standard: NEMA 1

Also Available: NEMA 4, 4X, 7, 9, 12, and 13)



Handed ☐ Yes ☒ No

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

Part #	Part Description	Where Used
01-620000	Enclosure - 20"x30"x8"	COURION MP, PLC, E, and CM Controls
01-800406	Enclosure - 30"x42"x8"	
01-800407	Enclosure - 30"x42"x8"	
01-800420	Enclosure	COURION MIPROM and Model D Door Controls.
01-800421	Enclosure	
01-801030	Enclosure - 30"x30"x8"	
01-801200	Enclosure - 20"x20"x8"	COURION Gate iDRIVE.g and iDRIVE.plc
01-801400	Enclosure - 16"x22"x6"	
01-801410	Enclosure - 12"x16"x7"	COURION iLEARN Door Controller
01-801530	Enclosure - 30"x36"x8"	
01-801560	Enclosure - 39"x44"x12"	COURION Traction Elevator Lift Control
94-000120	Control Panel Hardware Kit	Hardware to mount COURION Door Control Enclosure to masonry wall

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

Fuses

01-730100 Fused Cut-Out

Where Used

COURION Cart-Matic Door Controls

Features and Notes

Handed ☐ Yes ☒ No

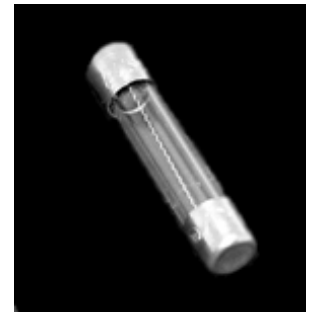
90-540000 Fuse - 1.5A

Where Used

COURION Model PLC, CM, and E Control

Features and Notes

250V



Handed ☐ Yes ☒ No

90-540001 Fuse - 1A

Where Used

COURION iLEARN Door Controller and Gate iDRIVE.plc

Features and Notes

Handed ☐ Yes ☒ No

90-540100 Fuse - 6A

Where Used

COURION "PLC" Door Control

Features and Notes

250V



Handed ☐ Yes ☒ No

Fuses

90-551500 Microfuse

Where Used

COURION Model MP Door Control

Features and Notes

Handed ☐ Yes ☒ No

90-552000 Fuse - 1A

Where Used

COURION MP Control

Features and Notes

250V



Handed ☐ Yes ☒ No

90-837300 Fuse Block

Where Used

COURION MIPROM and Model "D" Door Controls.

Features and Notes

600V



Handed ☐ Yes ☒ No

90-837400 Fuse Terminal Block

Where Used

COURION Traction Elevator Lift Control

Features and Notes

30 amps 600V



Handed ☐ Yes ☒ No

Fuses

90-837500 Fuse Holder - 2 Position

Where Used
COURION CM Door Control

Features and Notes



Handed ☐ Yes ☒ No

90-837501 Fuse Holder - 3 Position

Where Used
COURION CM Door Control

Features and Notes



Handed ☐ Yes ☒ No

90-837600 Fuse - .5A

Where Used
COURION CM Door Control

Features and Notes



Handed ☐ Yes ☒ No

90-837700 Fuse - 1A

Where Used
COURION CM Door Control

Features and Notes



Handed ☐ Yes ☒ No

Fuses

90-837800 Fuse - .25 A

Where Used

COURION CM Door Control

Features and Notes

Handed ☐ Yes ☒ No

90-841300 Fusetron - 6A

Where Used

COURION Model "D" and MIPROM Door Controls.

Features and Notes

250V



Handed ☐ Yes ☒ No

90-841800 Fusetron

Where Used

COURION MIPROM and Model "D" Door Controls.

Features and Notes

600V



Handed ☐ Yes ☒ No

90-842300 Fusetron - 6.25A

Where Used

COURION MP, PLC & E Controls

Features and Notes

250V



Handed ☐ Yes ☒ No

Fuses

90-842500

Fusetron - 10A

Where Used

Features and Notes

250V



Handed ☐ Yes ☒ No

FUSE

Fuses

Where Used

COURION Door and Dumbwaiter Controls.

Features and Notes



Handed ☐ Yes ☒ No

PLCs, Microprocessors, and Power Control

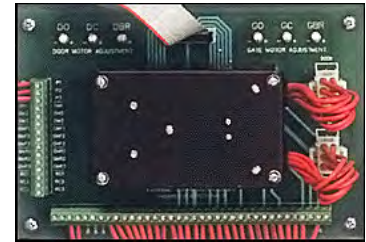
01-601000 Power Board Assembly - Obsolete

Where Used

COURION Model "E" Control

Features and Notes

Power Board Assembly, including the Power Control Module is obsolete. Replaced by Power Control Unit (Part #: 01-604000) as of March 2010.



Handed ☐ Yes ☒ No

01-603000 Power Control Module - Obsolete

Where Used

COURION Model "E" Control

Features and Notes

Obsolete: Use Power Control Board (Part #: 01-604000)



Handed ☐ Yes ☒ No

01-604000 Power Control Board

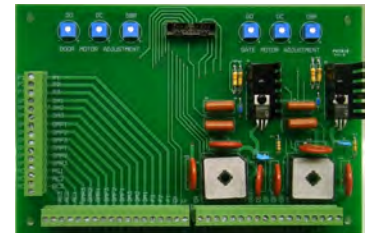
Where Used

COURION Model "E" Control

Features and Notes

Replaces Power Control Module (Part #: 01-603000) and Power Board (Part #: 01-601000)

Available starting in March 2010.



Handed ☐ Yes ☒ No

01-655100 MP Control Board

Where Used

COURION MP Controls

Features and Notes



Handed ☐ Yes ☒ No

PLCs, Microprocessors, and Power Control

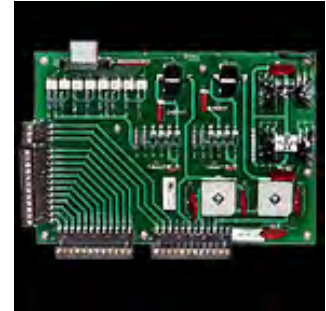
01-655200

MP Power Board

Where Used

COURION MP Controls

Features and Notes



Handed ☐ Yes ☒ No

90-036000

Input Module

Where Used

COURION CM Door Control and Hydraulic Elevator Lift Control

Features and Notes

16 Pt Input



Handed ☐ Yes ☒ No

90-036008

Input Module

Where Used

COURION "PLC" Door Control

Features and Notes

110VAC - 8 pts



Handed ☐ Yes ☒ No

90-036108

Output Module

Where Used

COURION CM Door Control and Hydraulic Elevator Lift Control

Features and Notes

8 Point Isolated Relay Output



Handed ☐ Yes ☒ No

PLCs, Microprocessors, and Power

90-037000 DC Output - 12 pts

Where Used

COURION Dumbwaiter Door Control

Features and Notes



Handed ☐ Yes ☒ No

90-037008 Output Module

Where Used

COURION "PLC" Door Control

Features and Notes

110VAC 8 pts



Handed ☐ Yes ☒ No

90-037100 Filler Module

Where Used

COURION "PLC" Door Control

Features and Notes



Handed ☐ Yes ☒ No

90-038000 PLC Module

Where Used

COURION CM and PLC Door Control, and Hydraulic Elevator Lift Control

Features and Notes

Requires job specific programming.



Handed ☐ Yes ☒ No

PLCs, Microprocessors, and Power

90-039003 3-Slot Base

Where Used

COURION Dumbwaiter Door Control

Features and Notes



Handed ☐ Yes ☒ No

90-039006 PLC Base

Where Used

COURION CM and PLC Door Control, and Hydraulic Elevator Lift Control

Features and Notes

6-slots 110/220V



Handed ☐ Yes ☒ No

90-210200 VFD Module

Where Used

COURION CM Door Control

Features and Notes

Requires Job Specific Programming.



Handed ☐ Yes ☒ No

90-210205 Variable Frequency Drive

Where Used

COURION Gate iDRIVE.plc

Features and Notes



Handed ☐ Yes ☒ No

PLCs, Microprocessors, and Power

90-220100 Microsmart PLC

Where Used

COURION Cart-Matic Ejector Control with Encoder

Features and Notes



Handed ☐ Yes ☒ No

90-220101 DC Input Card - 16 pts

Where Used

COURION Cart-Matic Ejector Control with Encoder

Features and Notes



Handed ☐ Yes ☒ No

90-220102 AC Input Card - 8 pts

Where Used

COURION Cart-Matic Ejector Control with Encoder

Features and Notes



Handed ☐ Yes ☒ No

90-220103 Microsmart Display

Where Used

COURION Cart-Matic Ejector Control with Encoder

Features and Notes



Handed ☐ Yes ☒ No

PLCs, Microprocessors, and Power

90-515600 DC Power Supply

Where Used

COURION Hydraulic Elevator Lift Control

Features and Notes



Handed ☐ Yes ☒ No

90-710500 Gate iDRIVE.g VFD Control

Where Used

COURION Gate iDRIVE.g

Features and Notes



Handed ☐ Yes ☒ No

90-710510 Power Supply

Where Used

COURION Gate iDRIVE.plc

Features and Notes

24V



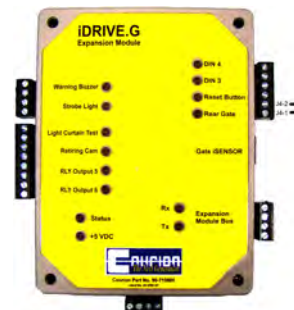
Handed ☐ Yes ☒ No

90-710600 Gate iDRIVE.g Expansion Module

Where Used

COURION Gate iDRIVE.g

Features and Notes



Handed ☐ Yes ☒ No

PLCs, Microprocessors, and Power

90-711000

Vision 120 PLC

Where Used

COURION Gate iDRIVE.plc

Features and Notes

12/24VDC with RS232/485



Handed ☐ Yes ☒ No

90-711500

Digital Input/Output Card

Where Used

COURION Gate iDRIVE.plc

Features and Notes

Used in connection with the Vision 120 PLC (Part #90-711000)



Handed ☐ Yes ☒ No

90-715000

iLEARN Door Control - without cabinet

Where Used

COURION's Next Generation iSYSTEM

Features and Notes

The iLEARN Door Control automatically adjusts your hoistway doors and car gates. From the initial setup to the ongoing operation of your freight doors, the iLEARN Door Control makes adjustments to ensure the smooth and quiet performance of your Courion equipment.



Handed ☐ Yes ☒ No

90-715400

iLEARN Expansion Module - iLEM

Where Used

COURION Next Generation Door Control Systems.

Used to facilitate interface with certain KONE and Otis Elevator Controls

Features and Notes



Handed ☐ Yes ☒ No

Relays and Relay Timers

01-047704 5-Contact Timer - 240V

Where Used

COURION Model "D" Door Control

Features and Notes

Handed ☐ Yes ☒ No

01-047714 4-Contact Timer - 240V

Where Used

COURION Model "D" Door Control

Features and Notes

Handed ☐ Yes ☒ No

01-098001 Time Delay Relay (Obsolete)

Where Used

Replace with Time Delay Relay 01-098003

Features and Notes

Obsolete. Replaced by Time Delay Relay (Part #01-098003)

120V



Handed ☐ Yes ☒ No

01-098002 Time Delay Relay (Obsolete)

Where Used

Replace with Time Delay Relay 01-098003

Features and Notes

Obsolete. Replaced by Time Delay Relay (Part # 01-098003)

240V



Handed ☐ Yes ☒ No

Relays and Relay Timers

01-098003 Time Delay Relay

Where Used

COURION Model "D" Door Control

Features and Notes

Replaces Time Delay Relays 01-098001, 01-098002, and 01-098701)

Furnish as complete assembly only.



Handed ☐ Yes ☒ No

01-098701 Time Delay Relay (Obsolete)

Where Used

Replace with Time Delay Relay 01-098003

Features and Notes

Obsolete. Replaced by Time Delay Relay (Part # 01-098003)

240V



Handed ☐ Yes ☒ No

01-099900 Motor Protection Device - 240V

Where Used

COURION Model "D" Door Control

Features and Notes

Handed ☐ Yes ☒ No

01-099901 Motor Protection Device - 120V

Where Used

COURION Model "D" Door Control

Features and Notes

Handed ☐ Yes ☒ No

Relays and Relay Timers

01-600000 Main Logic Board - No Relays

Where Used

COURION Model "E" Door Control

Features and Notes

Does not include Relays



Handed ☐ Yes ☒ No

01-600010 Main Logic Board - With Relays

Where Used

COURION Model "E" Control

Features and Notes

Includes all necessary relays.

Main Logic Board without relays (Part #01-600000)



Handed ☐ Yes ☒ No

01-602000 Auto Time Close Board - Optional

Where Used

COURION Model E Control Board

Features and Notes

Optional adder. If you would like to add to an existing installation, order COURION'S Auto-Time Close Option Kit (Part #01-605000).



Handed ☐ Yes ☒ No

01-605000 Auto-Time Close Option Kit

Where Used

COURION Model E Controls

Features and Notes

Provides Auto Time Close to power operated freight doors.



Handed ☐ Yes ☒ No

Relays and Relay Timers

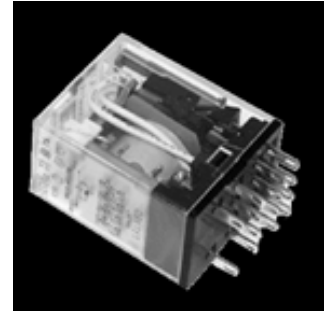
90-510000 Relay - 120VAC Coil

Where Used

COURION Model E and CM Door Control

Features and Notes

5A



Handed ☐ Yes ☒ No

90-510010 Relay - 120VAC

Where Used

COURION Model E Control Main Logic Board, and CM Door Controls

Features and Notes

5A



Handed ☐ Yes ☒ No

90-510500 Relay - 110VDC Coil

Where Used

COURION Model E Control Main Logic Board.

Features and Notes

5A



Handed ☐ Yes ☒ No

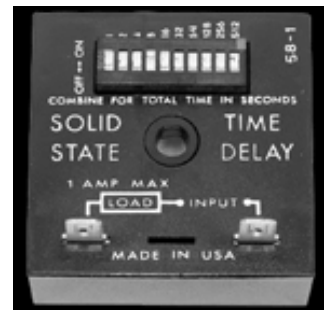
90-511000 Timer Cube

Where Used

COURION Model "E" Door Control

Features and Notes

Motor protection device.
Time Range: 1 Second to 17 Minutes.
Voltage Range: 100VAC to 240VAC



Handed ☐ Yes ☒ No

Relays and Relay Timers

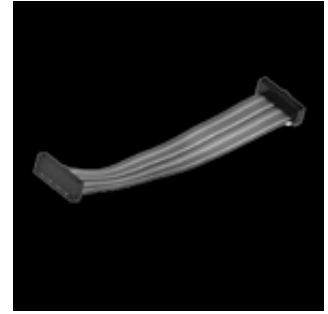
90-541500 Ribbon Cable - 20 Wire

Where Used

COURION Model "E" Control

Features and Notes

20 Wire, 6" polarized



Handed ☐ Yes ☒ No

90-542000 Ribbon Cable - 14 Wire

Where Used

COURION Model "E" Auto Time Close Option Board

Features and Notes

14 wire IDC 6" polarized

Used with Auto Time Close Option Board



Handed ☐ Yes ☒ No

90-713505 Time Delay Relay

Where Used

COURION GATE iDRIVE.plc

Features and Notes

Used to delay start of Gate iDRIVE PLC until hoistway communications are established by the iLEARN Door Control.

Set to 20 Seconds



Handed ☐ Yes ☒ No

90-865600 Relay - 120VAC

Where Used

COURION Model "D" and MIPROM Door Controls.

Features and Notes

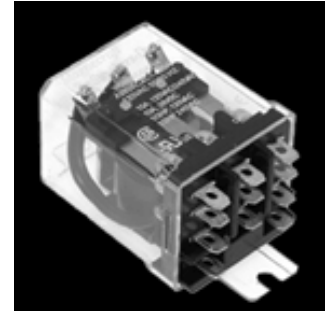
Handed ☐ Yes ☒ No

Relays and Relay Timers

90-865700 Relay - 240VAC

Where Used

COURION Model "D" Door Control.

Features and Notes

Handed ☐ Yes ☒ No

90-865900 Relay - 220VDC

Where Used

COURION Model "D" Control

Features and Notes

Handed ☐ Yes ☒ No

90-865901 Time Delay Relay

Where Used

COURION Model "D" Door Control Time Relays

Features and Notes

Used to delay start of Gate iDRIVE PLC until hoistway communications are established by the iLEARN Door Control.

Set to 20 seconds.



Handed ☐ Yes ☒ No

90-966500 Phase Monitor Relay

Where Used

COURION Hydraulic Elevator Lift Control

Features and Notes

Handed ☐ Yes ☒ No

Relays and Relay Timers

90-967700 Relay

Where Used

Features and Notes



Handed ☐ Yes ☒ No

90-968000 Relay - 120VAC

Where Used

COURION Model "D" and MIPROM Door Controls.

Features and Notes

Includes test 3PDT



Handed ☐ Yes ☒ No

90-968100 Relay - 240VAC

Where Used

COURION Model "D" Door Control.

Features and Notes

Includes test 3PDT



Handed ☐ Yes ☒ No

90-968200 Relay - 120VAC Flange Mount

Where Used

Features and Notes

Includes test 3PDT



Handed ☐ Yes ☒ No

Relays and Relay Timers

90-968200

Relay - 120VAC

Where Used

Features and Notes



Handed ☐ Yes ☒ No

90-969400

Time Delay Relay - 120VAC

Where Used

Features and Notes

1-10 seconds



Handed ☐ Yes ☒ No

90-973000

Relay Socket

Where Used

COURION MIPROM and Model D Door Controls.

Features and Notes



Handed ☐ Yes ☒ No

90-973100

Relay Socket

Where Used

COURION Traction Elevator Lift Control

Features and Notes



Handed ☐ Yes ☒ No

Relays and Relay Timers

90-984800 Time Delay Relay - 240v

Where Used

COURION Model "D" Door Control Motor Protection Device.

Features and Notes

Requires Socket (Part #: 90-973100)



Handed ☐ Yes ☒ No

90-984900 Time Delay Relay

Where Used

COURION Model "D" Door Control Motor Protection Device

Features and Notes

Handed ☐ Yes ☒ No

E-1223 Relay Socket

Where Used

COURION "PLC" Door Controls and Gate iDRIVE.plc Gate Control

Features and Notes

Handed ☐ Yes ☒ No

RELAY TIMERS Time Delay Relays

Where Used

COURION Door and Dumbwaiter Controls. For additional details, see the section of this manual that deals with your particular type of Door Control.

Each Control varies. Please contact COURION with the JOB NUMBER, JOB NAME, or

Features and Notes

Handed ☐ Yes ☒ No

Relays and Relay Timers

RELAYS

Relays

Where Used

COURION Door and Dumbwaiter Controls

Features and Notes



Handed ☐ Yes ☒ No



Transformers

Transformers - Single Phase

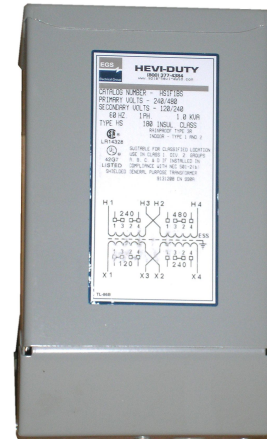
Where Used

Single Phase Step down power source to COURION Door Controls.

Features and Notes

Two Single Phase Transformers required.

Include mounting hardware kit 94-000125.



Handed ☐ Yes ☒ No

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

Part #	Part Description	Where Used
90-883000	Transformer - 230V/115V	COURION MP, PLC, E, and CM Controls
90-883100	Transformer - Booster (16V/32V)	Hoistways with 208V power
90-883655	Transformer - 115V/24V	COURION Model MP Controls
90-985100	Transformer - 0.75KVA Single Phase	Input Voltage: 240/480V - Output Voltage: 120/240V
90-985200	Transformer - 1.0KVA Single Phase	Input Voltage: 240/480V - Output Voltage: 120/240V
90-985300	Transformer - 1.5KVA Single Phase	Input Voltage: 240/480V - Output Voltage: 120/240V
90-985400	Transformer - 2.0KVA Single Phase	Input Voltage: 240/480V - Output Voltage: 120/240V
90-985600	Transformer - 1.5KVA Single Phase	Input Voltage: 380V - Output Voltage: 220V
90-985700	Transformer - 2.0KVA Single Phase	Input Voltage: 415V - Output Voltage: 220V
90-985800	Transformer - 2.0KVA Single Phase	Input Voltage: 600V - Output Voltage: 240V
94-000125	Transformer Hardware Kit	Contains necessary mounting hardware to mount 2 Single Phase Transformers.

Wiring Material

01-929200 iWIRE Traveling Cable Junction Box

Features and Notes

Used to terminate Hoistway Cable and Traveling Cable.

Includes necessary terminals for COURION's iWIRE Traveling Cable, and 1 pair of 1-1/4" x 1-1/2" Cable Kellem Grips (#94-929200).



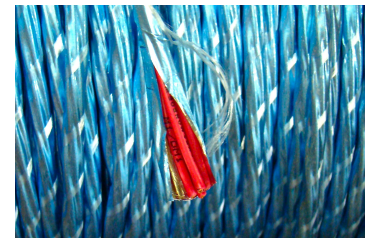
Handed ☐ Yes ☒ No

90-947400 iWIRE Motor Wire - 4 Wire

Features and Notes

Runs from each Door, Gate, and Cam Motors to the iDRIVE VFD Control Box. Contains four (4) 16 AWG shielded insulated conductors.

All COURION hoistway wiring material is color coded and marked to match COURION's Hoistway and Door Control Wiring Schematics. COURION's hoistway wiring material is rated for use in elevator hoistways in accordance with Article 620 of the NFPA 70 "National Electric Code".



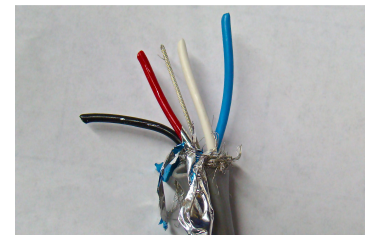
Handed ☐ Yes ☒ No

90-947405 iWIRE CANbus Cable - Shielded Twisted Pair

Features and Notes

Runs from the iLEARN Door Control in the Machine Room to each iDRIVE VFD Control Box. Contains one (1) pair of 15 AWG shielded conductors (power), one (1) pair of 18 AWG shielded conductors (data), and one (1) drain wire.

All COURION hoistway wiring material is color coded and marked to match COURION's Hoistway and Door Control Wiring Schematics. COURION's hoistway wiring material is rated for use in elevator hoistways in accordance with Article 620 of the NFPA 70 "National Electric Code".



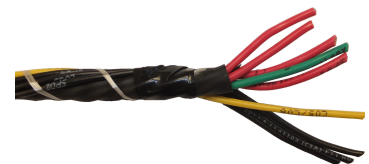
Handed ☐ Yes ☒ No

90-947409 iWIRE Hoistway Cable

Features and Notes

Runs from the Machine Room to each iDRIVE VFD Floor Control and terminates in the Traveling Cable Junction Box. Includes five (5) 16 AWG insulated conductors and four (4) 18 AWG insulated conductors.

All COURION hoistway wiring material is color coded and marked to match COURION's Hoistway and Door Control Wiring Schematics. COURION's hoistway wiring material is rated for use in elevator hoistways in accordance with Article 620 of the NFPA 70 "National Electric Code".



Handed ☐ Yes ☒ No

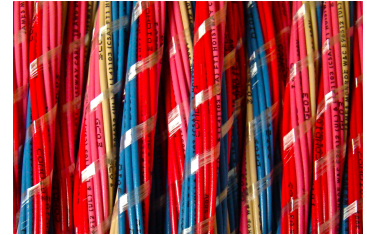
Wiring Material

90-947415 iWIRE Floor/Gate Wiring Bundle

Features and Notes

Runs from the Interlock, EUD, and Push Buttons to the iDRIVE VFD Control Box. Contains fifteen (15) 18 AWG insulated conductors.

All COURION hoistway wiring material is color coded and marked to match COURION's Hoistway and Door Control Wiring Schematics. COURION's hoistway wiring material is rated for use in elevator hoistways in accordance with Article 620 of the NFPA 70 "National Electric Code".



Handed ☐ Yes ☒ No

90-947416 iWIRE Traveling Cable

Features and Notes

Used to run from iWIRE Traveling Cable Junction Box on the hoistway wall to the Car Top. Contains five (5) 16 AWG insulated conductors, three (3) 18 AWG insulated conductors, one (1) Belden 3082A Device Net Cable, and one (1) 1 steel cable.

All COURION hoistway wiring material is color coded and marked to match COURION's Hoistway and Door Control Wiring Schematics. COURION's hoistway wiring material is rated for use in elevator hoistways in accordance with Article 620 of the NFPA 70 "National Electric Code".



Handed ☐ Yes ☒ No

90-947420 Hoistway Door Cable - 20 Wires

Features and Notes

Runs from the MP Control in the Machine Room to each hoistway opening. Contains four (4) 16 AWG insulated conductors, and sixteen (16) 18 AWG insulated conductors.

All COURION hoistway wiring material is color coded and marked to match COURION's Hoistway and Door Control Wiring Schematics. COURION's hoistway wiring material is rated for use in elevator hoistways in accordance with Article 620 of the NFPA 70 "National Electric Code".



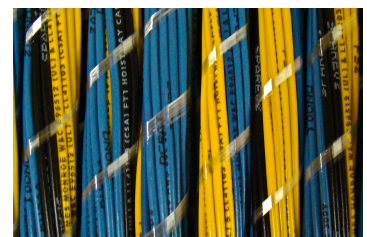
Handed ☐ Yes ☒ No

90-947423 iWIRE Interconnection Wire

Features and Notes

Runs from the COURION iLEARN Door Control to the Elevator Control. Includes three (3) 16 AWG insulated conductors, and twenty (20) 18 AWG insulated conductors.

All COURION hoistway wiring material is color coded and marked to match COURION's Hoistway and Door Control Wiring Schematics. COURION's hoistway wiring material is rated for use in elevator hoistways in accordance with Article 620 of the NFPA 70 "National Electric Code".



Handed ☐ Yes ☒ No

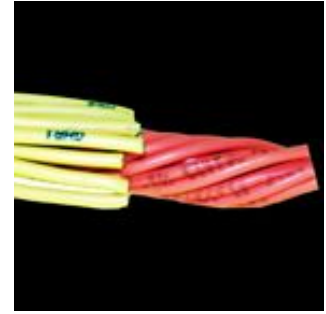
Wiring Material

90-947431 Car Gate Hoistway Cable - 30 Wires

Features and Notes

Runs from the Car Top to the Traveling Cable. Includes twelve (12) 16 AWG insulated conductors, and eighteen (18) 18 AWG insulated conductors.

All COURION hoistway wiring material is color coded and marked to match COURION's Hoistway and Door Control Wiring Schematics. COURION's hoistway wiring material is rated for use in elevator hoistways in accordance with Article 620 of the NFPA 70 "National Electric Code".



Handed ☐ Yes ☒ No

90-947448 Traveling Cable - 48 Wires

Features and Notes

Runs from the Traveling Cable Junction Box to the Car Top. Contains three (3) 16 AWG insulated conductors, and twenty (20) 18 AWG insulated conductors.

All COURION hoistway wiring material is color coded and marked to match COURION's Hoistway and Door Control Wiring Schematics. COURION's hoistway wiring material is rated for use in elevator hoistways in accordance with Article 620 of the NFPA 70 "National Electric Code".



Handed ☐ Yes ☒ No

94-929200 iWIRE Traveling Cable Hardware Kit

Features and Notes

COURION iSYSTEMs with Round Traveling Cable.

Includes two (2) Cable Support Grips (Kellem Grips) #02-502802 and eight (8) 1/4 x 1-1/2" Bull Dog Anchors.



Handed ☐ Yes ☒ No



Moveable Contacts

Movable Contacts

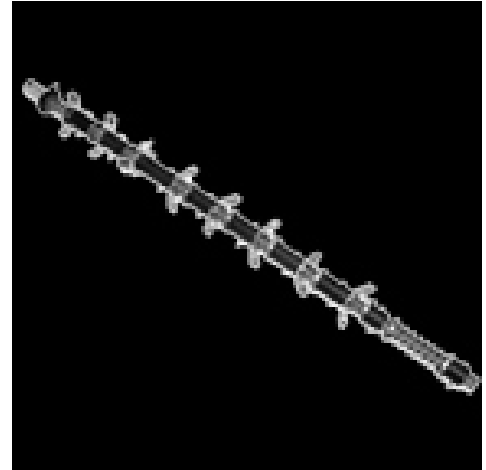
Where Used

COURION D Series and MIPROM Door Controls.

Movable Contact Assemblies (or Xmas Tree Contacts) are job specific. Please have your Courion JOB NUMBER, JOB NAME, or JOB LOCATION when ordering.

Features and Notes

Must specify 120V or 240V when ordering.



Handed ☐ Yes ☒ No

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

Part #	Part Description	Where Used
01-079001	Movable Contact Assembly - 0NC 1NO	COURION Model D and MIPROM Door Controls.
01-079002	Movable Contact Assembly - 0NC 2NO	COURION Model D and MIPROM Door Controls.
01-079003	Movable Contact Assembly - 0NC 3NO	COURION Model D and MIPROM Door Controls.
01-079101	Movable Contact Assembly - 1NC 1NO	COURION Model D and MIPROM Door Controls.
01-079102	Movable Contact Assembly - 1NC 2NO	COURION Model D and MIPROM Door Controls.
01-079103	Movable Contact Assembly - 1NC 3NO	COURION Model D and MIPROM Door Controls.
01-079104	Movable Contact Assembly - 1NC 4NO	COURION Model D and MIPROM Door Controls.
01-079105	Movable Contact Assembly - 1NC 5NO	COURION Model D and MIPROM Door Controls.
01-079106	Movable Contact Assembly - 1NC 6NO	COURION Model D and MIPROM Door Controls.
01-079107	Movable Contact Assembly - 1NC 7NO	COURION Model D and MIPROM Door Controls.
01-079108	Movable Contact Assembly - 1NC 8NO	COURION Model D and MIPROM Door Controls.
01-079202	Movable Contact Assembly - 2NC 2NO	COURION Model D and MIPROM Door Controls.
01-079203	Movable Contact Assembly - 2NC 3NO	COURION Model D and MIPROM Door Controls.



Moveable Contacts

Movable Contacts

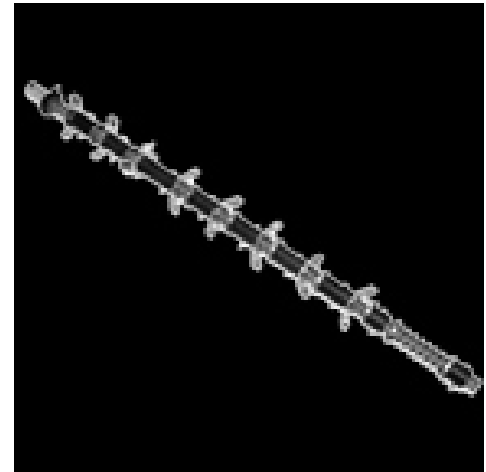
Where Used

COURION D Series and MIPROM Door Controls.

Movable Contact Assemblies (or Xmas Tree Contacts) are job specific. Please have your Courion JOB NUMBER, JOB NAME, or JOB LOCATION when ordering.

Features and Notes

Must specify 120V or 240V when ordering.



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

Part #	Part Description	Where Used
01-079204	Movable Contact Assembly - 2NC 4NO	COURION Model D and MIPROM Door Controls.
01-079205	Movable Contact Assembly - 2NC 5NO	COURION Model D and MIPROM Door Controls.
01-079206	Movable Contact Assembly - 2NC 6NO	COURION Model D and MIPROM Door Controls.
01-079207	Movable Contact Assembly - 2NC 7NO	COURION Model D and MIPROM Door Controls.
01-079302	Movable Contact Assembly - 3NC 2NO	COURION Model D and MIPROM Door Controls.
01-079303	Movable Contact Assembly - 3NC 3NO	COURION Model D and MIPROM Door Controls.
01-079304	Movable Contact Assembly - 3NC 4NO	COURION Model D and MIPROM Door Controls.
01-079305	Movable Contact Assembly - 3NC 5NO	COURION Model D and MIPROM Door Controls.
01-079306	Movable Contact Assembly - 3NC 6NO	COURION Model D and MIPROM Door Controls.
01-079307	Movable Contact Assembly - 3NC 7NO	COURION Model D and MIPROM Door Controls.
01-079403	Movable Contact Assembly - 4NC 3NO	COURION Model D and MIPROM Door Controls.
01-079404	Movable Contact Assembly - 4NC 4NO	COURION Model D and MIPROM Door Controls.
01-079405	Movable Contact Assembly - 4NC 5NO	COURION Model D and MIPROM Door Controls.
01-079406	Movable Contact Assembly - 4NC 6NO	COURION Model D and MIPROM Door Controls.



Moveable Contacts

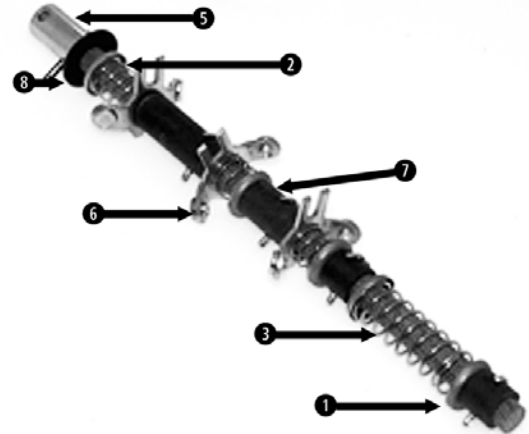
Movable Contact Parts

Where Used

These parts are used on all COURION Moveable Contacts (aka Xmas Tree Contacts).

To purchase a complete Movable Contact Assembly, please see Movable Contacts Section under the CONTROLS Section of this Parts Manual.

Features and Notes



Handed ☐ Yes ☒ No

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

Part #	Part Description	Where Used
01-033100	Spring Cup Washer	Movable Contacts (aka Xmas Tree Contacts)
01-037400	Compression Spring	Movable Contacts (aka Xmas Tree Contacts)
01-038900	Compression Spring	Movable Contacts (aka Xmas Tree Contacts)
01-048500	#6 Cup Washer	Movable Contacts (aka Xmas Tree Contacts)
01-051801	Coupling	Movable Contacts (aka Xmas Tree Contacts)
04-300304	Movable Butterfly Contact	Movable Contacts (aka Xmas Tree Contacts)
90-047001	Bakelite Sleeve - 3/8" Long	Movable Contacts (aka Xmas Tree Contacts)
90-047002	Bakelite Sleeve - 9/16" Long	Movable Contacts (aka Xmas Tree Contacts)
90-047003	Bakelite Sleeve - 3/4" Long	Movable Contacts (aka Xmas Tree Contacts)
90-047004	Bakelite Sleeve - 1-3/16" Long	Movable Contacts (aka Xmas Tree Contacts)
90-047100	Fiber Washer	Movable Contacts (aka Xmas Tree Contacts)

Xmas Tree Contacts

01-032700

Stationary Contact

Where Used

COURION Model "D" and MIPROM Door Controls

Features and Notes



Handed ☒ Yes ☐ No

01-033000

Rod Guide Bracket

Where Used

COURION Model "D" Control Relay Board

Features and Notes



Handed ☐ Yes ☒ No

01-033001

Rod Guide Retainer

Where Used

Movable Contacts (a/k/a Xmas Tree Contacts)

Features and Notes



Handed ☐ Yes ☒ No

01-033100

Spring Cup Washer

Where Used

Movable Contacts (aka Xmas Tree Contacts)

Features and Notes



Handed ☐ Yes ☒ No

Xmas Tree Contacts

01-037400 Compression Spring

Where Used

Movable Contacts (aka Xmas Tree Contacts)

Features and Notes



Handed ☐ Yes ☒ No

01-038900 Compression Spring

Where Used

Movable Contacts (aka Xmas Tree Contacts)

Features and Notes



Handed ☐ Yes ☒ No

01-046702 Solenoid Mounting Bracket

Where Used

COURION Model "D" Door Controls

Features and Notes



Handed ☐ Yes ☒ No

01-046703 Solenoid Assembly - 120V

Where Used

COURION Model "D" and MIPROM Door Controls.

Features and Notes



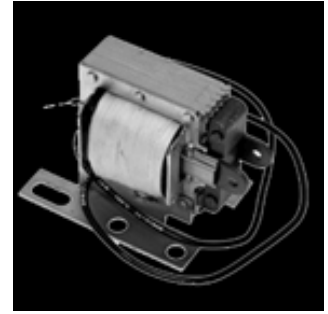
Handed ☐ Yes ☒ No

Xmas Tree Contacts

01-046714 Solenoid Assembly - 220V

Where Used

COURION Model "D" and MIPROM Door Controls.

Features and Notes

Handed ☐ Yes ☒ No

01-046800 Interlock Bracket

Where Used

COURION Model "D" Control Relay Board

Features and Notes

Handed ☐ Yes ☒ No

01-046901 Interlock Bar

Where Used

COURION Model "D" Control Relay Board

Features and Notes

Handed ☐ Yes ☒ No

01-048500 #6 Cup Washer

Where Used

Movable Contacts (aka Xmas Tree Contacts)

Features and Notes

Handed ☐ Yes ☒ No

Xmas Tree Contacts

01-051801 Coupling

Where Used

Movable Contacts (aka Xmas Tree Contacts)

Features and Notes



Handed ☐ Yes ☒ No

01-064100 Movable Contact

Where Used

COURION Timers that are now obsolete. This Movable Contact is available as a service part. If you need to replace the entire Timer, please see Part #s: 01-047704 and 01-047714.

Features and Notes



Handed ☐ Yes ☒ No

01-064201 Stationary Contact

Where Used

COURION Model "D" Rectifier Assembly, and Timer Assembly which is now obsolete. This Stationary Contact is available as a service part. If you need to replace the entire Timer, please see Part #s: 01-047704 and 01-047714.

Features and Notes



Handed ☐ Yes ☒ No

04-300304 Movable Butterfly Contact

Where Used

Movable Contacts (aka Xmas Tree Contacts)

Features and Notes



Handed ☐ Yes ☒ No

Xmas Tree Contacts

04-355400

Rod Guide Bracket

Where Used

Movable Contacts (a/k/a Xmas Tree Contacts)

Features and Notes

Include: (1) 10-24 Hex Nut



Handed ☐ Yes ☒ No

08-002600

Spring

Where Used

COURION Model "D" Control Movable Contacts and "D" Series Interlocks

Features and Notes

Bronze



Handed ☐ Yes ☒ No

90-047001

Bakelite Sleeve - 3/8" Long

Where Used

Movable Contacts (aka Xmas Tree Contacts)

Features and Notes

Include: (1) 1/16 x 5/8" Cotter Pin.



Handed ☐ Yes ☒ No

90-047002

Bakelite Sleeve - 9/16" Long

Where Used

Movable Contacts (aka Xmas Tree Contacts)

Features and Notes

Include: (1) 1/16 x 5/8" Cotter Pin.



Handed ☐ Yes ☒ No

Xmas Tree Contacts

90-047003 Bakelite Sleeve - 3/4" Long

Where Used

Movable Contacts (aka Xmas Tree Contacts)

Features and Notes

Include: (1) 1/16 x 5/8" Cotter Pin.



Handed ☐ Yes ☒ No

90-047004 Bakelite Sleeve - 1-3/16" Long

Where Used

Movable Contacts (aka Xmas Tree Contacts)

Features and Notes

Include: (1) 1/16 x 5/8" Cotter Pin.



Handed ☐ Yes ☒ No

90-047005 Bakelite Sleeve - 1" Long

Where Used

Movable Contacts (a/k/a Xmas Tree Contacts)

Features and Notes

Include: (1) 1/16 x 5/8" Cotter Pin.



Handed ☐ Yes ☒ No

90-047100 Fiber Washer

Where Used

Movable Contacts (aka Xmas Tree Contacts)

Features and Notes

Handed ☐ Yes ☒ No

