208V POWER DISTRIBUTION MATERIAL:
- 4 COND. 12GA CABLE (MAIN POWER INPUT)
- 12GA BLACK / RED WIRE (BREAKER TO TERM BLOCK)
- 14 GA BLACK / RED / WHITE WIRE

DIAGRAM APPLICATION
AMBIENT 120V EVAP FAN MEDIUM 208V EVAP FAN LOW
5V DIGITAL OUTPUTS
SOLID STATE RELAYS
MATERIAL: 22 GA RED / BLACK WIRE
4 WIRE HEADER PIN HARNESS

Diagram Application
AMBIENT 120V EVAP FAN
MEDIUM 208V EVAP FAN
LOW

UL Color Codes / Abbreviations
- RED = RD
- BLACK = BK
- BLUE = BL
- TAN = TN
- WHITE = WT
- GREEN = GN
- BROWN = BN
- ORANGE = OR
- VIOLET = VT
- GRAY = GY
- GREEN = GN

Factory 14GA Wire
Factory 10GA Wire
Field Wire

FACTORY 14GA WIRE
FACTORY 10GA WIRE
FIELD WIRE

AMBIENT HEATER

Remote Display RS485
Ser. Port
IN
Pb1
Pb2
Pb3
+12V
Out1
Out2
IN-
Pb4
Pb5
Pb6
PbC
GND
Out3
Out4

4 WIRE HARNESS
CUT IN HALF
NCNO
COM 24V
3055830
0
24V
3100973
1
84
62
25A SPST X 2
4-15VDC COIL
3100998
A1
A2 B1
B2

CORELINK CONTROLLER
055-4376

Smart Exchange Locker
Wiring Diagrams

U.S. & CANADA 1-800-922-1919 • MEXICO 1-800-890-2900
OUTPUT CABLE 2
- COMPRESSOR: RED/BLUE
- CRANKCASE HEATER: ORANGE/BLUE
- GROUND
MATERIAL: 6 CONDUCTOR 14GA CABLE

120V EVAP FAN
208V EVAP FAN
25A 3-PST X 2
4-490DC COL
30DOWA

COMPRESSOR / CRANKCASE HEAT

OUTPUT CABLE 2

CAP OFF WHITE WIRE
NOT BEING USED

DIAGRAM APPLICATION
AMBIENT
MEDIUM
LOW

UL COLOR CODES / ABBREVIATIONS
- RED = RD
- BLACK = BK
- BLUE = BL
- GREEN = GN
- YELLOW = YL
- ORANGE = OR
- GRAY = GY
- WHITE = WT
- BROWN = BN
- VIOLET = VT

FACTORY 14GA WIRE
FACTORY 10GA WIRE
FIELD WIRE
PRESSURE SWITCHES

WIRING DIAGRAMS

CONDENSER FAN

3 CONDUCTOR CABLE
FROM ELECTRICAL PANEL

LOW PRESSURE SWITCH
RED MARKER
BLUE MARKER

HIGH PRESSURE SWITCH
RED MARKER
ORANGE MARKER

CONDENSER FAN

REMOTE CONNECTOR AND STRIP CABLE
CAP RED/ORANGE/BLUE WIRES

UL COLOR CODES / ABBREVIATIONS

RED = RD
BLACK = BK
BLUE = BL
YELLOW = YL
GREEN = GN
BROWN = BN
ORANGE = OR
VIOLET = VT

FACTORY 14GA WIRE
FACTORY 10GA WIRE
FIELD WIRE
FRAME A/S WIRING

A/S OUTPUT CABLE
FROM MAIN ELECTRICAL PANEL

TO DOOR A/S HEATER

3X 3108883
SPLICE-HEAT SHRINK 14-16

DIAGRAM APPLICATION

AMBIENT
MEDIUM
LOW

120V EVAP FAN
208V EVAP FAN

UL COLOR CODES / ABBREVIATIONS

RED = RD
BLACK = BK
BLUE = BL
YELLOW = YL
GRAY = GY
WHITE = WT
GREEN = GN
BROWN = BN
ORANGE = OR
VIOLET = VT

FACTORY 14GA WIRE
FIELD WIRE

P/N REV

factory 10GA WIRE

3111680
B
CABLE 1 TOP WIRING - MED TEMP

DIAGRAM APPLICATION
AMBIENT 120V EVAP FAN
MEDIUM 208V EVAP FAN
LOW

UL COLOR CODES / ABBREVIATIONS
- RED = RD
- BLACK = BK
- BLUE = BL
- YELLOW = YL
- WHITE = WT
- GREEN = GN
- BROWN = BN
- ORANGE = OR
- VIOLET = VT

FACTORY 14GA WIRE
FACTORY 10GA WIRE
FIELD WIRE

COIL
YELLOW SHRINK WRAP RING TERMINAL
AMBIENT HEATER
COVER TERMINALS WITH KAPTON TAPE
CAP UNUSED ORANGE WIRE

YELLOW SHRINK WRAP BUTT SPLICE
BLUE SHRINK WRAP BUTT SPLICE

CAP OFF BROWN EVAP FAN WIRE
NOT USED IN THIS PRODUCT

USE RING TERMINAL TO GROUND TO TRAY
AMBIENT HEATER LIMIT THERMOSTAT
CABLE 2 TOP WIRING - AMBIENT / MEDIUM TEMP

1/4" BLUE QUICK CONNECT TERMINAL FACING FORWARDS ON BACK OF COMPRESSOR

GROUND SCREW ON COMPRESSOR

CRANKCASE HEATER (MT / AT - HARD HEATER ELEMENT)

1/4" BLUE QUICK CONNECT SIDeways TERMINAL ON BA OF COMPRESSOR

CAP OFF WHITE WIRE NOT BEING USED

CABLE 2 FROM CONTROL PANEL

DIAGRAM APPLICATION

AMBIENT

120V EVAP FAN

MEDIUM

208V EVAP FAN

LOW

UL COLOR CODES / ABBREVIATIONS

RED = RD
BLACK = BK
BLUE = BL
YELLOW = YL
ORANGE = OR
VIOLET = VT

FACTORY 14GA WIRE

FACTORY 10GA WIRE

FIELD WIRE
SMART EXCHANGE
LOCKER
Wiring Diagrams

UL COLOR CODES / ABBREVIATIONS

FACTORY 14GA WIRE
FACTORY 10GA WIRE
FIELD WIRE

DIAGRAM APPLICATION
AMBIENT MEDIUM LOW

LOADLINE

MATERIAL:
-4 COND. 12GA CABLE (MAIN POWER INPUT)
-12GA BLACK / RED WIRE (BREAKER TO TERM BLOCK)
-14 GA BLACK / RED / WHITE WIRE

208V POWER DISTRIBUTION

Smart Exchange Locker
Wiring Diagrams
5V DIGITAL OUTPUTS
SOLID STATE RELAYS
MATERIAL: 22 GA RED / BLACK WIRE
4 WIRE HEADER PIN HARNESS

SMART EXCHANGE LOCKER
Wiring Diagrams

DIAGRAM APPLICATION
AMBIENT 120V EVAP FAN
MEDIUM 208V EVAP FAN
LOW
SMART EXCHANGE LOCKER

Wiring Diagrams

OUTPUT CABLE 1

EVAP FAN - BLUE / RED WIRE
DEFROST HEAT - RED/BLACK
DRAIN HEAT - ORANGE/WHITE
GROUND - GREEN
MATERIAL: 6 COND. 16GA CABLE
18GA RED WIRE
CONDENSER FAN WITH FAN SPEED SELECTOR

VARIABLE SPEED FAN HARNESS
0533719 (PREFERRED) / 3019840

3 WIRE PLUG FROM FAN SPEED SELECTOR

DIAGRAM APPLICATION
AMBIENT 120V EVAP FAN
MEDIUM 208V EVAP FIX
LOW 240V EVAP FIX

UL COLOR CODES / Abbreviations
RED = RD
BLACK = BK
BROWN = BN
BLUE = BL
GREEN = GN
YELLOW = YL
WHITE = WT
GRAY = GY
VIOLET = VT

FACTORY 10GA WIRE
FACTORY 14GA WIRE
FIELD WIRE

SMART EXCHANGE LOCKER
Wiring Diagrams
PRESSURE SWITCHES

Wires from pressure switches pass through panel. See page 2.

- HIGH PRESSURE SWITCH (RED MARKER)
- LOW PRESSURE SWITCH (BLUE MARKER)

Pressure Switches from HIGH PRESSURE SWITCH pass through panel. See page 2.

CONDENSER FAN WITH FAN SPEED SELECTOR

- Fan harness from electrical panel
- Condenser fan

Push connectors together. Twist ring to lock.

UL Color Codes / Abbreviations:
- Red = RD
- Black = BK
- Blue = BL
- Yellow = YL
- Gray = GY
- White = WT
- Green = GN
- Brown = BN
- Orange = OR
- Violet = VT

Factory 14GA Wire
Factory 10GA Wire
Field Wire
SMART EXCHANGE LOCKER

Wiring Diagrams

FRAME ANTISWEAT CABLE
MATERIAL: 3 CONDUCTOR 18GA CABLE

DIAGRAM APPLICATION
- AMBIENT: 120V EVAP FAN
- MEDIUM: 208V EVAP FAN
- LOW:

UL COLOR CODES / ABBREVIATIONS
- RED = RD
- BLACK = BK
- BLUE = BL
- GREEN = GN
- WHITE = WT
- ORANGE = OR
- VIOLET = VT

FACTORY 14GA WIRE
FACTORY 10GA WIRE
FIELD WIRE

FRAME ANTISWEAT HEAT

3111681 B
SMART EXCHANGE LOCKER
Wiring Diagrams

CABLE 1 TOP
WIRING - LOW TEMP

- YELLOW WIRE NUT
- COVER WIRE NUTS WITH SHRINK WRAP
- SEAL WIRE ENDS WITH SILICONE

YELLOW SHRINK WRAP BUTT SPLICE
BLUE SHRINK WRAP BUTT SPLICE
- CAP OFF BROWN EVAP FAN WIRE
- NOT USED IN THIS PRODUCT
- DEFROST LIMIT THERMOSTAT

COIL
FRONT DEFROST HEATER
REAR DEFROST HEATER
DRAIN HEATER

CABLE 1
GROUND TO DRAIN PAN

DIAGRAM APPLICATION
- AMBIENT
- MEDIUM
- LOW

120V EVAP FAN
208V EVAP FAN

UL COLOR CODES / ABBREVIATIONS
- RED = RD
- BLACK = BK
- BLUE = BL
- YELLOW = YL
- WHITE = WT
- GREEN = GN
- BROWN = BR
- ORANGE = OR
- VIOLET = VT

FACTORY 14GA WIRE
FACTORY 10GA WIRE
FIELD WIRE
LEFT HAND DOOR HARNESS

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SMART EXCHANGE
WIRING DIAGRAMS

120 VAC
3079208 POWER SUPPLY 100W
24 VDC

GREEN
YELLOW
SLATE
BLUE
RED
BLACK

LH DOOR HARNESS

WAGO 750-628
INPUT
OUTPUT

24V 0V
++
- -

WAGO 750-1407
1 2
43
87
9 10
11 12
13 14
15 16

WAGO 750-515
13 14
23
24
33
34
43
44

VIOLET
ORANGE
BROWN
WHITE
GREEN
BROWN
ORANGE
VIOLET

FACTORY 14GA WIRE
FACTORY 10GA WIRE
FIELD WIRE

DIAGRAM APPLICATION
AMBIENT
MEDIUM
LOW

120V EVAP FAN
208V EVAP FAN

UL COLOR CODES / ABBREVIATIONS
RED = RD
BLACK = BK
BLUE = BL
YELLOW = YL
GRAY = GY
WHITE = WT
GREEN = GN
BROWN = BN
ORANGE = OR
VIOLET = VT
SMART EXCHANGE
LOCKER
Wiring Diagrams

TEMPERATURE / PRESSURE SENSORS

UL COLOR CODES / ABBREVIATIONS

FACTORY 10GA WIRE

FACTORY 12GA WIRE

FIELD WIRED
COMPUTER USB / VGA CONNECTIONS
NOTES:
1. APPLICABLE STANDARDS / SPECIFICATIONS
   ASME Y14.5M-1994, DIMENSIONS AND TOLERANCES
2. KEY PRODUCT CHARACTERISTICS PER EPR-0006 & IDENTIFIED WITH SYMBOL
3. MATERIAL - N/A
4. REF 3111680
5. WIRING IS POSITION SPECIFIC & MUST BE CONNECTED AS SHOWN

SMART EXCHANGE LOCKER
Wiring Diagrams

- Ethernet Wiring
- Network Connections
- Switches and Connections
- Power Connections
- UL Color Codes

Additional notes and specifications as per the diagram.
NOTES:
1. APPLICABLE STANDARDS / SPECIFICATIONS
   ASME Y14.5M-1994, DIMENSIONS AND TOLERANCES
2. KEY PRODUCT CHARACTERISTICS PER EPR-0006 & IDENTIFIED WITH SYMBOL
3. MATERIAL - N/A
4. REF 3111680
5. WIRING IS POSITION SPECIFIC & MUST BE CONNECTED AS SHOWN

FACTORY 14GA WIRE
FACTORY 10GA WIRE
FIELD WIRE

UL COLOR CODES / ABBREVIATIONS
- RED = RD
- BLACK = BK
- BLUE = BL
- YELLOW = YL
- GRAY = GY
- WHITE = WT
- GREEN = GN
- BROWN = BR
- ORANGE = OR
- VIOLET = VT

WAGO WIRING
SEE NOTE #5

LOCKER 1 SWITC...
NOTE:
1. APPLICABLE STANDARDS / SPECIFICATIONS
   ASME Y14.5M-1994, DIMENSIONS AND TOLERANCES
2. KEY PRODUCT CHARACTERISTICS PER EPR-0006 & IDENTIFIED WITH SYMBOL
3. MATERIAL: N/A
4. REF 3111680
5. WIRING IS POSITION SPECIFIC & MUST BE CONNECTED AS SHOWN

LED CANOPY/KIOSK WIRING

LED

DUSK TO DAWN SENSOR

LED

UL COLOR CODES / ABBREVIATIONS
- RED = RD
- BLACK = BK
- BLUE = BL
- YELLOW = YL
- GRAY = GY
- WHITE = WT
- GREEN = GN
- BROWN = BN
- ORANGE = OR
- VIOLET = VT

FACTORY 14GA WIRE

FACTORY 10GA WIRE

FIELD WIRE
208V POWER DISTRIBUTION

MATERIAL:
- 4 COND. 12GA CABLE (MAIN POWER INPUT)
- 12GA BLACK / RED WIRE (BREAKER TO TERM BLOCK)
- 14 GA BLACK / RED / WHITE WIRE

Smart Exchange Locker
Wiring Diagrams
SMART EXCHANGE LOCKER

Wiring Diagrams

OUTPUT CABLE I
EVAP FAN- BLUE / ORANGE
AMBIENT HEATER- RED / BLACK
GROUND - GREEN
MATERIAL: 6 COND. 16GA CABLE

AMBIENT MEDIUM LOW

DIAGRAM APPLICATION

UL COLOR CODES / ABBREVIATIONS
RED = RD
BLACK = BK
BLUE = BL
YELLOW = YL
GRAY = GY
WHITE = WT
GREEN = GN
BROWN = BN
ORANGE = OR
VIOLET = VT

FACTORY 14GA WIRE
FACTORY 10GA WIRE
FIELD WIRE

3117035

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OUTPUT CABLE 2
- COMPRESSOR: RED/BLUE
- CRANKCASE HEATER: ORANGE/BLUE
- GROUND
MATERIAL: 6 CONDUCTOR 14GA CABLE
SMART EXCHANGE LOCKER Wiring Diagrams

CONSENSER FAN CABLE

3 CONDUCTOR 18GA CABLE
CUT LENGTH 24"
PRESSURE SWITCHES

Wires from pressure switches pass through panel.
See page 2

CONDENSER FAN

3 conductor cable from electrical panel.

CONDENSER FAN
Remove connector and strip cable.
Cap red/orange/blue wires.

UL Color Codes / Abbreviations:
- RED = RD
- BLACK = BK
- BLUE = BL
- YELLOW = YL
- GREEN = GN
- BROWN = BN
- ORANGE = OR
- GRAY = GY
- WHITE = WT

Field Wire
FRAME A/S CABLE
MATERIAL:
3 CONDUCTOR 18GA CABLE

DIAGRAM APPLICATION
AMBIENT
120V EVAP FAN
MEDIUM
208V EVAP FAN
LOW

UL COLOR CODES / ABBREVIATIONS
RED = RD
BLACK = BK
GREEN = GN
YELLOW = YL
ORANGE = OR
VIOLET = VT

FACTORY 14GA WIRE
FACTORY 10GA WIRE
FIELD WIRE
CABLE I TOP WIRING - MED TEMP

COIL

YELLOW SHRINK WRAP RING TERMINAL

AMBIENT HEATER

COVER TERMINALS WITH KAPTON TAPE

YELLOW SHRINK WRAP BUTT SPLICE

BLUE SHRINK WRAP BUTT SPLICE

CAP USED ORANGE WIRE

NOT USED IN THIS PRODUCT

YELLOW SHRINK WRAP BUTT SPLICE

CAP OFF BROWN EVAP FAN WIRE

AMBIENT HEATER LIMIT THERMOSTAT

UL COLOR CODES / ABBREVIATIONS

RED = RD
BLACK = BK
BLUE = BL
YELLOW = YL
GREEN = GN
BROWN = BN
ORANGE = OR
VIOLET = VT

FACTORY 14GA WIRE

FACTORY 10GA WIRE

FIELD WIRE

DIAGRAM APPLICATION

AMBIENT   120V EVAP FAN
MEDIUM    208V EVAP FAN
LOW
CABLE 2 TOP WIRING - AMBIENT / MEDIUM TEMP

1/4" BLUE QUICK CONNECT TERMINAL FACING FORWARDS ON BACK OF COMPRESSOR

GROUND SCREW ON COMPRESSOR

CRANKCASE HEATER (MT / AT - HARD HEATER ELEMENT)

1/4" BLUE QUICK CONNECT SIDEWAYS TERMINAL ON BACK OF COMPRESSOR

CAP OFF WHITE WIRE NOT BEING USED

CABLE 2 FROM CONTROL PANEL

UL COLOR CODES / ABBREVIATIONS
- RED = RD
- BLACK = BK
- BLUE = BL
- YELLOW = YL
- GRAY = GR
- WHITE = WT
- GREEN = GN
- BROWN = BN
- ORANGE = OR
- VIOLET = VT

DIAGRAM APPLICATION
- AMBIENT 120V EVAP FAN
- MEDIUM 208V EVAP FAN
- LOW
SMART EXCHANGE LOCKER
Wiring Diagrams

**Left Hand Door Harness**

- **Ambient**
  - 120V Evap Fan
  - 208V Evap Fan

- **Medium**
  - 120VAC

- **Low**
  - 24VDC

- **120VAC 3079208 Power Supply 100W**

- **24VDC**

**UL Color Codes / Abbreviations**

- **Red** = RD
- **Black** = BK
- **Blue** = BL
- **Yellow** = YL
- **Gray** = GY
- **White** = WT
- **Green** = GN
- **Brown** = BN
- **Orange** = OR
- **Violet** = VT

**Factory 10GA Wire**

**Field Wire**
208V POWER DISTRIBUTION
MATERIAL:
- 4 COND. 12GA CABLE
  (MAIN POWER INPUT)
- 12GA BLACK / RED WIRE
  (BREAKER TO TERM BLOCK)
- 14 GA BLACK / RED /
  WHITE WIRE
**OUTPUT CABLE 1**

**EVAP FAN** - BLUE / RED WIRE
**DEFROST HEAT** - RED/BLACK
**DRAIN HEAT** - ORANGE/WHITE
**GROUND** - GREEN

**MATERIAL**: 6 COND. 16GA CABLE
18GA RED WIRE

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**Diagram Application**

<table>
<thead>
<tr>
<th>AMBulet</th>
<th>MEdium</th>
<th>LOW</th>
<th>120V EVAP FAN</th>
<th>208V EVAP FAN</th>
</tr>
</thead>
</table>

**UL Color Codes / Abbreviations**

- RED - RD
- BLACK - BK
- GREEN - GN
- BLUE - BL
- ORANGE - OR
- BROWN - BN
- YELLOW - YL
- WHITE - WT
- GRAY - GY
- VIOLET - VT

**Factory 16GA Wire**

**Factory 10GA Wire**

**Field Wire**

---

**NC NO**

**COM24V**

**JUMPER TOGETHER**
OUTPUT CABLE 2
- COMPRESSOR: RED/BLUE
- CRANKCASE HEATER: ORANGE/BLUE
- GROUND
MATERIAL: 6 CONDUCTOR 16GA CABLE
WIRE TO CRANKCASE HEATER THERMOSTAT: 14AWG BLACK

DIAGRAM APPLICATION
AMBIENT 120V EVAP FAN
MEDIUM 208V EVAP FAN
LOW

UL COLOR CODES / ABBREVIATIONS
- RED = RD
- BLACK = BK
- BLUE = BL
- GREEN = GN
- WHITE = WT
- BROWN = BN
- ORANGE = OR
- VIOLET = VT

COMPRESSOR / CRANKCASE HEAT

OUTPUT CABLE 2
CAP OFF WHITE WIRE NOT BEING USED
TO CRANKCASE HEATER THERMOSTAT 3115327

FACTORY 14GA WIRE
FIELD WIRE

FACTORY 10GA WIRE

MATERIAL: 6 CONDUCTOR 16GA CABLE
WIRE TO CRANKCASE HEATER THERMOSTAT: 14AWG BLACK

3125513 B
SMART EXCHANGE
LOCKER
Wiring Diagrams

PRESSURE SWITCHES

Wires from pressure switches pass through panel. See page 2.

CONDENSER FAN
With fan speed selector.

Fan harness from electrical panel. Push connectors together. Twist ring to lock.

UL Color Codes/Abréviation
- RED = RD
- BLACK = BK
- BLUE = BL
- YELLOW = YL
- GRAY = GY
- WHITE = WT
- GREEN = GN
- BROWN = BN
- ORANGE = OR
- VIOLET = VT

Factory 14ga wire
Factory 10ga wire
Field wire

P/N 3125513 B
SMART EXCHANGE LOCKER

Wiring Diagrams

FRAME A/S HEATER WIRING

3X 3108883 SPLICE-HEAT SHRINK 14-16

A/S OUTPUT CABLE FROM MAIN ELECTRICAL PANEL

TO DOOR A/S HEATER

DIAGRAM APPLICATION

120V EVAP FAN
208V EVAP FAN

UL COLOR CODES / ABBREVIATIONS

FACTORY 14GA WIRE
FACTORY 10GA WIRE
FIELD WIRE
CABLE 2 TOP WIRING - LOW TEMP

COMPRESSOR STARTER BOX

GROUND SCREW ON COMPRESSOR

CRANKCASE HEATER (LOW TEMP - BAND TYPE)

CABLE 2 FROM CONTROL PANEL

DIAGRAM APPLICATION

- AMBIENT
- MEDIUM
- LOW

- 120V EVAP FAN
- 208V EVAP FAN

UL COLOR CODES / ABBREVIATIONS

- RED = RD
- BLACK = BK
- BLUE = BL
- BROWN = BN
- GREEN = GN
- ORANGE = OR
- VIOLET = VT
- WHITE = WT
- YELLOW = YL
- GRAY = GY

FACTORY 14GA WIRE

FACTORY 10GA WIRE

FIELD WIRE
TEMPERATURE / PRESSURE SENSORS

SMART EXCHANGE LOCKER Wiring Diagrams

DIAGRAM APPLICATION
- AMBIENT
- MEDIUM
- LOW

UL COLOR CODES / ABBREVIATIONS
- RED = RD
- BLACK = BK
- BLUE = BL
- GREEN = GN
- YELLOW = YL
- GRAY = GY
- WHITE = WT
- ORANGE = OR
- VIOLET = VT

FACTORY 14GA WIRE
- FACTORY 10GA WIRE
- FIELD WIRE

FACTORY 14GA WIRE
- FACTORY 10GA WIRE
- FIELD WIRE

P/N REV
- FACTORY 14GA WIRE
- FACTORY 10GA WIRE
- FIELD WIRE

FACTORY 14GA WIRE
- FACTORY 10GA WIRE
- FIELD WIRE
Revision History

Revision A: September 2020: Original Issue

Scan the QR code with your mobile device to access additional product information or order parts.

Parts may also be ordered at:
parts.hussmann.com
Call toll free: 1.855.487.7778