DEFINITIONS

Definições

CONNECTORS

CAD	CONNECTOR ALTERNATOR D+
CCLM	CONNECTOR CENTRAL LOWER MODULE
CCLT	CONNECTOR CLUTCH
CCM	CONNECTOR CONDENSER MODULE
CCTL	CONNECTOR CONTROLLER
CDAE	CONNECTOR DIODE ALTERNATOR EXCITATION
CDC	CONNECTOR DIODE CLUTCH
CDS	CONNECTOR DUCT SENSOR
CEVM	CONNECTOR EVAPORATOR MODULE
CEXT	CONNECTOR EXTERNAL TEMPERATURE
CGND	CONNECTOR GROUND
CHVL	CONNECTOR HEATING VALVE LOWER
CHVU	CONNECTOR HEATING VALVE UPPER
CICE	CONNECTOR ICE SENSOR
CLC	CONNECTOR LOWER CONVECTOR
CLUM	CONNECTOR LEFT UPPER MODULE
CPH	CONNECTOR PUMP HEATING
CRB4	CONNECTOR RADIAL BLOWER 4
CRS	CONNECTOR ROOM SENSOR
CRUM	CONNECTOR RIGHT UPPER MODULE
CSE13	SMART ECU 1 CONNECTOR 3
CSV	CONNECTOR SOLENOID VALVE
CTS	CONNECTOR TEMPERATURE SENSORS
CTSL	CONNECTOR TEMPERATURE SENSORS LOWER
CUC	CONNECTOR UPPER CONVECTOR
CVH	CONNECTOR VALVE HEATING
FSAE	FUSE ALTERNATOR EXCITATION
FSPH	FUSE PUMP HEATING
GICM	GROUND INTERFACE CONDENSER MODULE
IAE	INTERFACE ALTERNATOR EXCITATION
IC1	INTERFACE CONNECTOR 1
IC2	INTERFACE CONNECTOR 2
IC3	INTERFACE UPPER HEATING CONNECTOR
IC4	INTERFACE LOWER HEATING CONNECTOR
ICA	INTERFACE COMPRESSOR ALTERNATOR
ICL	INTERFACE CENTRAL LOWER EVAPORATOR
ICM	INTERFACE CONDENSER MODULE
ITS	INTERFACE TEMPERATURE SENSORS
ITSL	INTERFACE TEMPERATURE SENSORS LOWER
IUL	INTERFACE UPPER LEFT EVAPORATOR
IUR	INTERFACE UPPER RIGHT EVAPORATOR
IVS	INTERFACE VEHICLE SIGNALS
RB13	RELAY BOARD 1 CONNECTOR 3
RLPH	RELAY PUMP HEATING
SHPC	SWITCH HIGHT PRESSURE CONNECTOR
SLPC	SWITCH LOW PRESSURE CONNECTOR
TMEC	TEMPERATURE EVAPORATOR CONNECTOR
TR1	TERMINATION RESISTOR 1
TR2	TERMINATION RESISTOR 2

FUSE

FB1 - UPPER BRUSHLESS EVAPORATOR
FB2 - LOWER BRUSHLESS EVAPORATOR
FB3 - BRUSLESS CONDESNSER
FB4 - UPPER BRUSLESS EVAPORATOR
FB5 - LOWER BRUSLESS EVAPORATOR

CFS10 - WATER PUMP
CFS11 - PUMP DOWN VALVE
CFS12 - 5° BRUSH FAN
CFS13 - TWO SPEED OVERLAY
CFS14 - TWO SPEED OVERLAY

RELAY

RL10 - WATER PUMP
RL11 - PUMP DOWN VALVE
RL12 - 5° BRUSH FAN
RL13 - CLUTCH WHEN BRUSHLESS FAN
RL14 - TWO SPEED CONDENSER OVERLAY
RL15 - TWO SPEED CONDENSER OVERLAY
RL16 - TWO SPEED CONDENSER OVERLAY
RL17 - TWO SPEED CONDENSER OVERLAY

ELECTRICAL DIAGRAM

036-00307-000 - INTERFACES DAGRAM
036-00307-001 - MAIN POWER DIAGRAM
036-00307-002 - EVAPORATOR AND CONDENSER MODULES

RELAY BOARD

RB1 - UPPER BRUSH EVAP. AND BRUSH CONDENSER
RB2 - LOWER CENTRAL BRUSH EVAPORATOR
RB3 - UPPER BRUSH EVAP. AND BRUSH CONDENSER
RB4 - LOWER CENTRAL BRUSH EVAPORATOR
RB5 - BRUSH CONDENSER WHEN USING BRUSHLESS EVAP.

ECU

X100 - CSE15-M
X101 - N.C.
X200 - CSE14-M
X300 - CSE11-M
X301 - CSE13-M
X400 - CSE16-M

Rev. Index	Qty	Rev. No.	Date	Draw	Change Description

Description: ELECTRICAL DIAGRAM CC430 DD

ESQUEMA ELÉTRICO CC430 DD

	Date	Name
DRAW	03/12/2019	RPEDRONI
CHECK	03/12/2019	DJANUARIO
APPROVE	03/12/2019	FKATZ

Initial Relase: 2037-28

Part No.: 036-00307-002

Page Size: A3

Voltage: 24V

Unit: DOUBLE DECK - DD

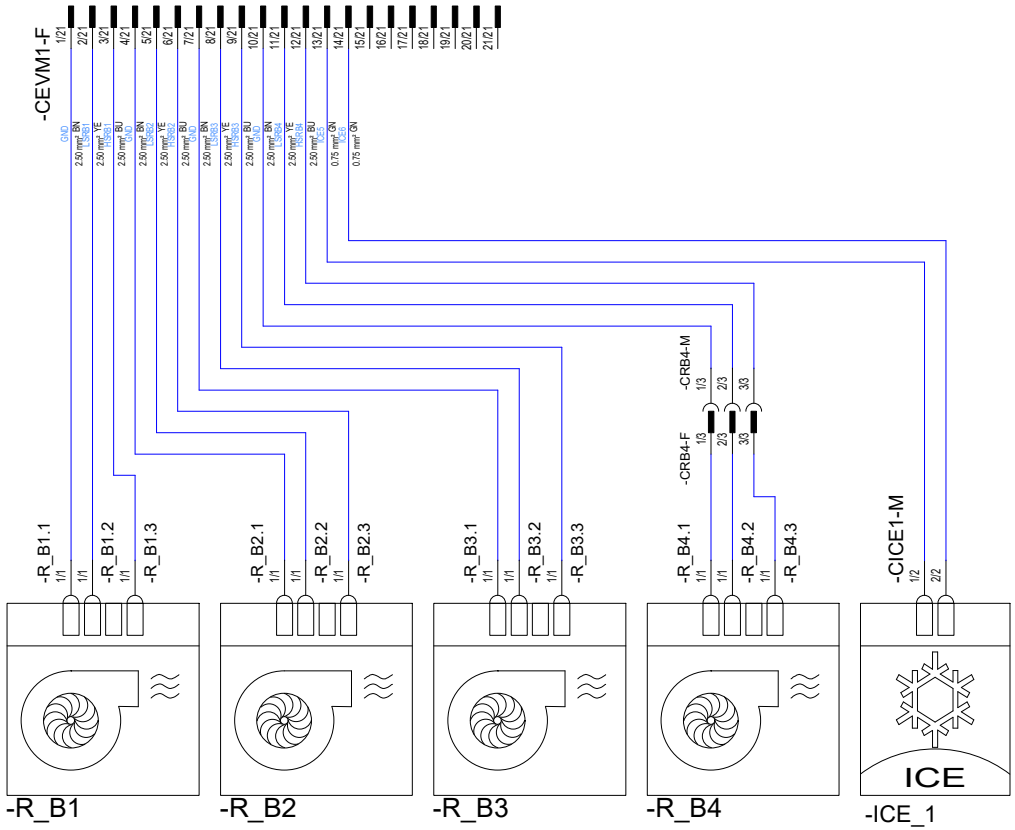
Page: 1 of 11

Previous Page:

Next Page: 2_Central_Lov

CENTRAL LOWER EVAPORATOR MODULE WITH BRUSH BLOWER (3 or 4 radial blowers) - P3 OR P4

Módulo Evaporador Central Inferior com Ventilador Escova (3 ou 4 ventiladores) - P3 ou P4



NOTES:
Notas:

1. THE RIGHT UPPER MODULE SCHEMATIC IT'S THE SAME SCHEMATIC THAN CENTRAL LOWER MODULE, BUT WITHOUT RADIAL BLOWER R_B4.
1. O esquema elétrico do módulo superior direito é o mesmo equema do módulo central inferior, porém sem o blower R_B4.

2. THE LEFT UPPER MODULE SCHEMATIC IT'S THE SAME SCHEMATIC THAN CENTRAL LOWER MODULE, BUT WITHOUT RADIAL BLOWER R_B4 AND SENSORS TEMPERATURE RS_1 AND DS_1.
2. O esquema elétrico do módulo superior esquerdo é o mesmo esquema do módulo central inferior, porém sem o blower R_B4 e sem os sensores de temperatura RS_1 e DS_1.

3. THE CONNECTOR CEVM-F WILL BE CONNECTED ON THE CONNECTORS CRUM-M, CLUM-M AND CCLM-M.
3. O connector CEVM-F será conectado nos conectores CRUM-M, CLUM-M e CCLM-M.

Rev. Index	Qty	Rev. No.	Date	Draw	Change Description

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	Date	Name
DRAW	03/12/2019	RPEDRONI
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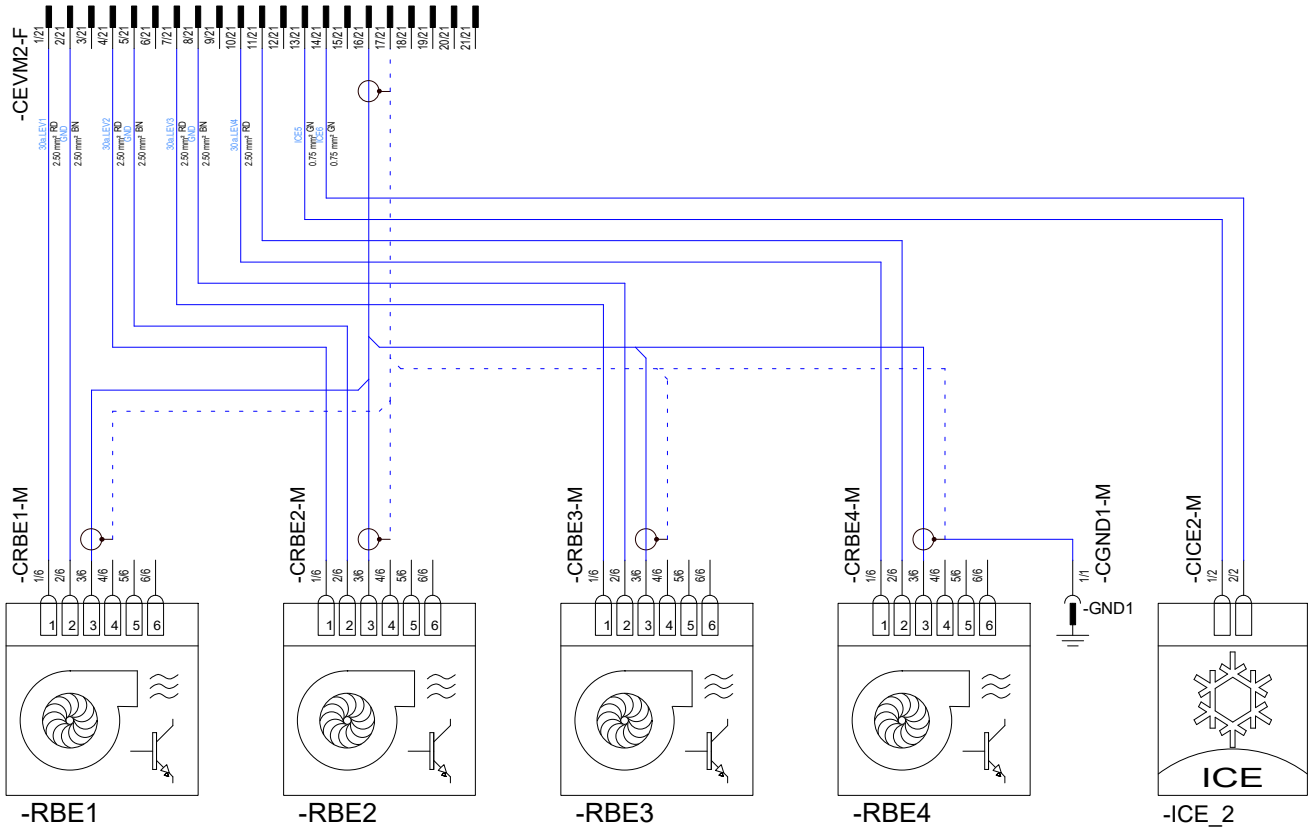
APPROVE	03/12/2019	FKATZ

Initial Relase: 2037-28
Part No.: 036-00307-002
Page Size: A3
Voltage: 24V
Unit: DOUBLE DECK - DD
Page: 2_Ce of 11

Previous Page: 1
Next Page: 3_Central_Lov

CENTRAL LOWER EVAPORATOR MODULE WITH BRUSHLESS BLOWER

Módulo Evaporador Central Inferior com Ventilador Eletrônico



NOTES:
Notas:

1. THE CONNECTOR CEVM-F WILL BE CONNECTED ON THE CONNECTORS CRUM-M, CLUM-M AND CCLM-M.
1. O connector CEVM-F será conectado nos conectores CRUM-M, CLUM-M e CCLM-M.

Rev. Index	Qty	Rev. No.	Date	Draw	Change Description

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	Date	Name
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Initial Relase: 2037-28

Part No.: 036-00307-002

Page Size: A3

Voltage: 24V

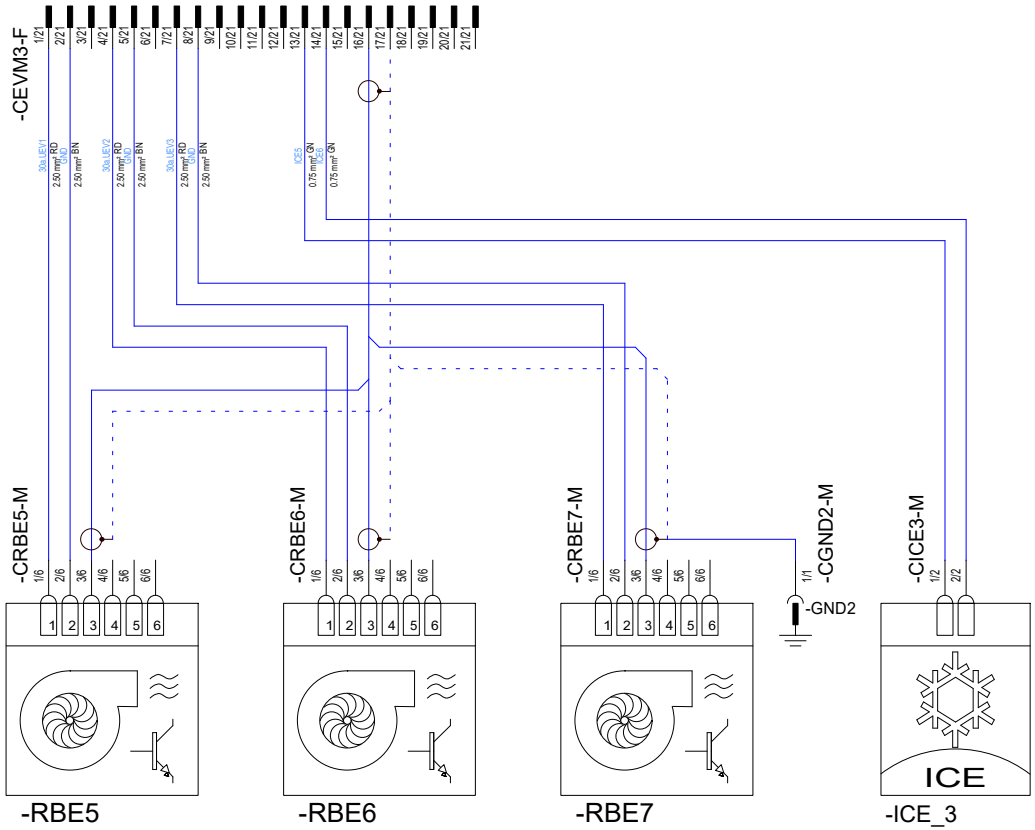
Unit: DOUBLE DECK - DD

Previous Page: 2_Central_Low_Evap_Brush_Blower

Next Page: 4_Right_Up_E

RIGHT UPPER EVAPORATOR MODULE WITH BRUSHLESS BLOWER

Módulo Evaporador Superior Direito com Ventilador Eletrônico



NOTES:
Notas:

1. THE LEFT UPPER MODULE SCHEMATIC IT'S THE SAME SCHEMATIC THAN RIGHT UPPER MODULE, BUT WITHOUT SENSORS TEMPERATURE RS_1 AND DS_1.
1. O esquema elétrico do módulo superior esquerdo é o mesmo esquema do módulo superior direito, porém sem os sensores de temperatura RS_1 e DS_1.

2. THE CONNECTOR CEVM-F WILL BE CONNECTED ON THE CONNECTORS CRUM-M, CLUM-M AND CCLM-M.
2. O connector CEVM-F será conectado nos conectores CRUM-M, CLUM-M e CCLM-M.

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APPROVE	03/12/2019	FKATZ

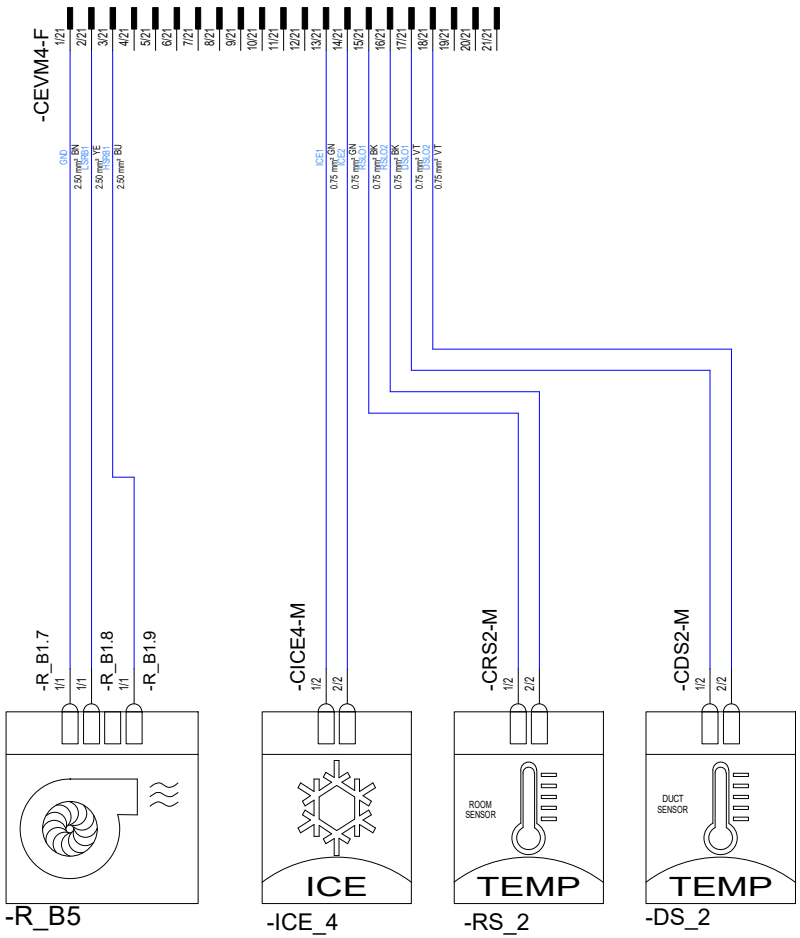
Initial Relase: 2037-28
Part No.: 036-00307-002
Page Size: A3
Voltage: 24V
Unit: DOUBLE DECK - DD
Page: 4_Ri of 11

Previous Page: 3_Central_Low_Evap_Brushless_Blower
Next Page: 5_P2

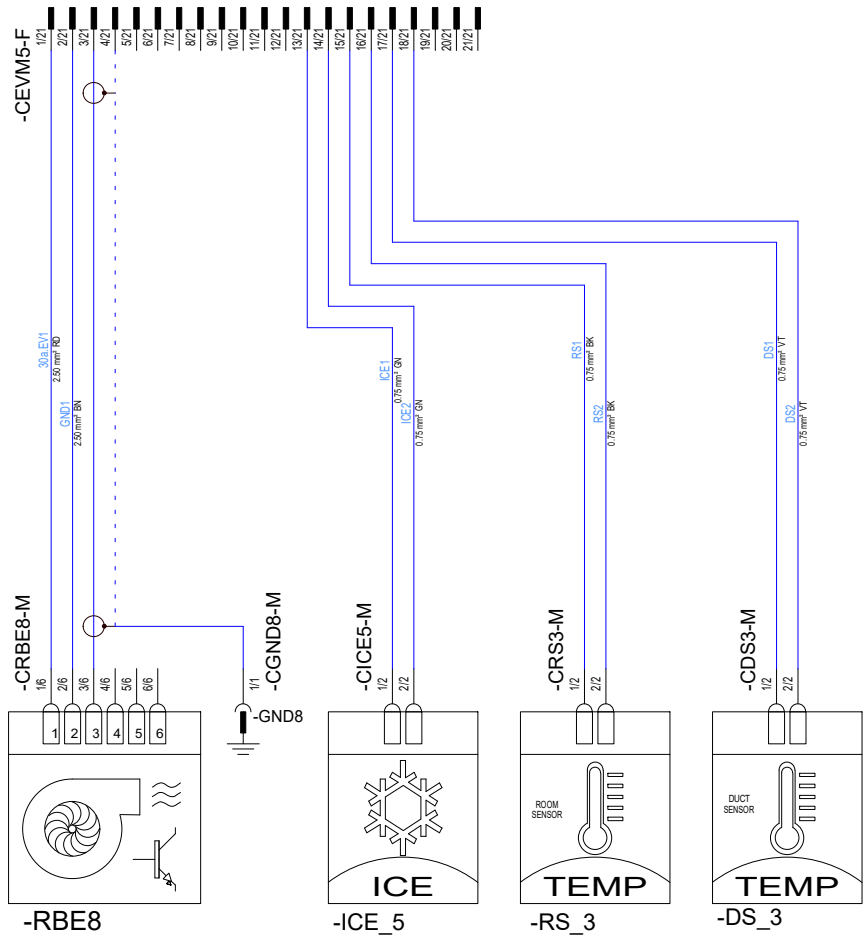
EVAPORATOR MODULE - MODEL P2 (FS)

Módulo Evaporador - Modelo P2 (FS)

BRUSH EVAPORATOR MODULE - MODEL P2 (FS)
Módulo Evaporador com Ventilador Escova - Modelo P2 (FS)



BRUSHLESS EVAPORATOR MODULE - MODEL P2 (FS)
Módulo Evaporador com Ventilador Eletrônico - Modelo P2 (FS)



Rev. Index	Qty	Rev. No.	Date	Draw	Change Description

Description		Date	Name
ELECTRICAL DIAGRAM CC430 DD	DRAW	03/12/2019	
ESQUEMA ELÉTRICO CC430 DD	CHECK	03/12/2019	
	APPROVE	03/12/2019	

Initial Relase: 2037-28

Part No.: 036-00307-002

Page Size: A3

Voltage: 24V

Unit: DOUBLE DECK - DD

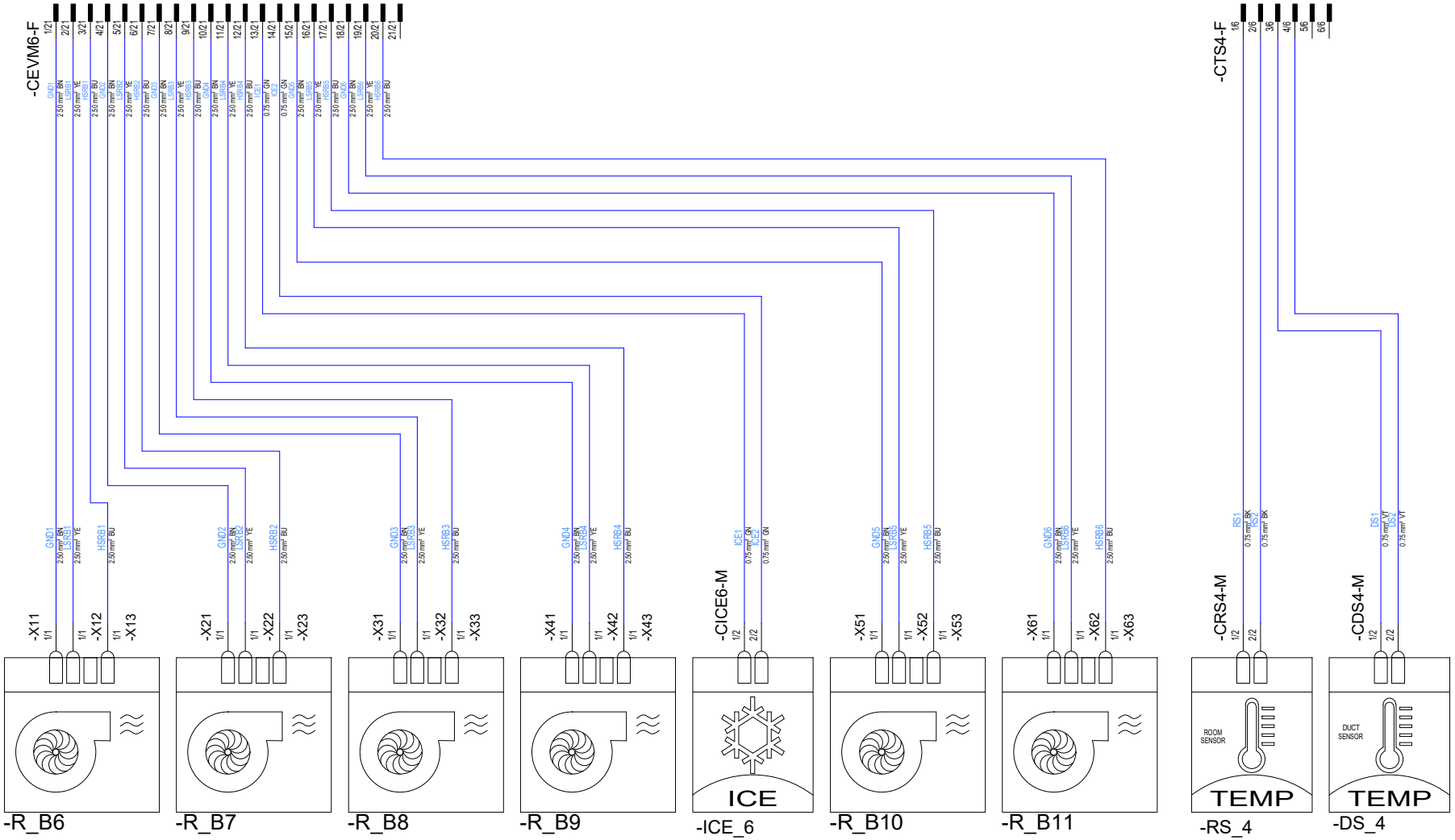
Page: 5_P2 of 11

Previous Page: 4_Right_Up_Evap_Brushless_Blower

Next Page: 6_T6_Esc

REAR UPPER EVAPORATOR MODULE WITH 6 BRUSH RADIAL BLOWERS

Módulo Evaporador Superior Traseiro com 6 Ventiladores Radiais com Escova



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ELECTRICAL DIAGRAM CC430 DD	DRAW	03/12/2019	
ESQUEMA ELÉTRICO CC430 DD	CHECK	03/12/2019	
	APPROVE	03/12/2019	

Initial Relase: 2037-28

Part No.: 036-00307-002

Page Size: A3

Voltage: 24V

Unit: DOUBLE DECK - DD

Page: 6_T6

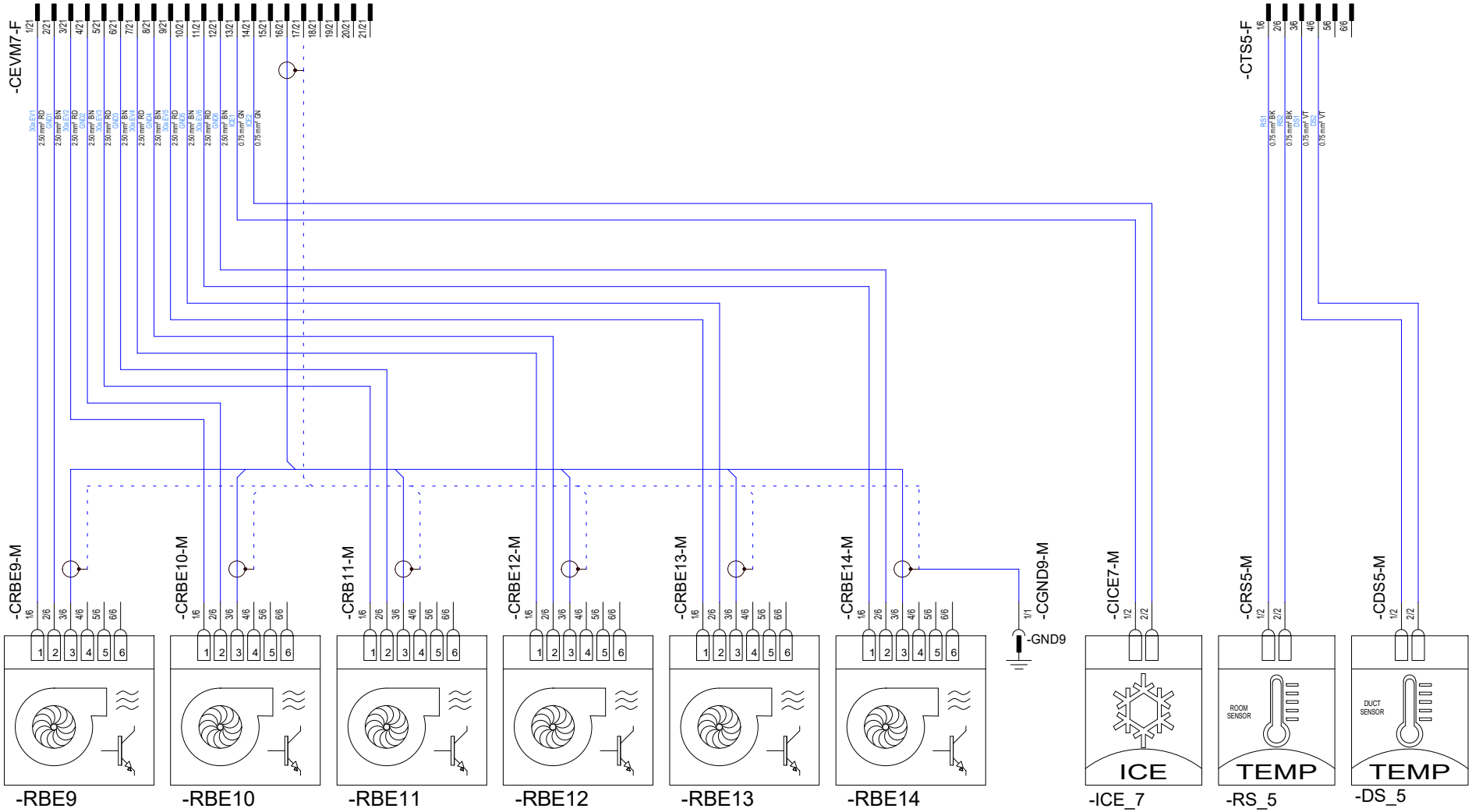
of 11

Previous Page: 5_P2

Next Page: 7_T6_Ele

EVAPORATOR MODULE WITH BRUSHLESS BLOWER - MODEL P6

Módulo Evaporador com Blower Eletrônico - Modelo P6



Rev. Index	Qty	Rev. No.	Date	Draw	Change Description

Description

ELECTRICAL DIAGRAM CC430 DD

ESQUEMA ELÉTRICO CC430 DD

	Date	Name
DRAW	03/12/2019	
CHECK	03/12/2019	
APPROVE	03/12/2019	

Initial Relase: 2037-28

Part No.: 036-00307-002

Page Size: A3

Voltage: 24V

Unit: DOUBLE DECK - DD

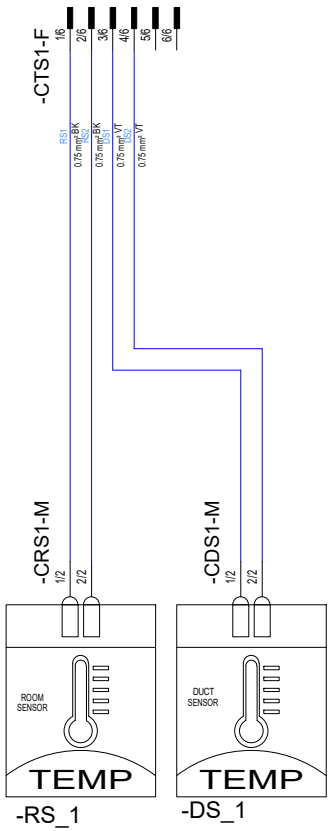
Page: 7_T6 of 11

Previous Page: 6_T6_Esc

Next Page: 8_Sensores

CENTRAL LOWER EVAPORATOR MODULE WITH BRUSH BLOWER (3 or 4 radial blowers) - P3 OR P4

Módulo Evaporador Central Inferior com Blower Escova (3 ou 4 ventiladores) - P3 ou P4



NOTES:
Notas:

1. THE DUCT SENSOR (DS) IT'S USED ONLY WITH HEATING
1. O sensor de duto (DS) somente é usado quando houver aquecimento

Rev. Index	Qty	Rev. No.	Date	Draw	Change Description

Description: ELECTRICAL DIAGRAM CC430 DD

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APPROVE	03/12/2019	FKATZ

Initial Relase: 2037-28

Part No.: 036-00307-002

Page Size: A3

Voltage: 24V

Unit: DOUBLE DECK - DD

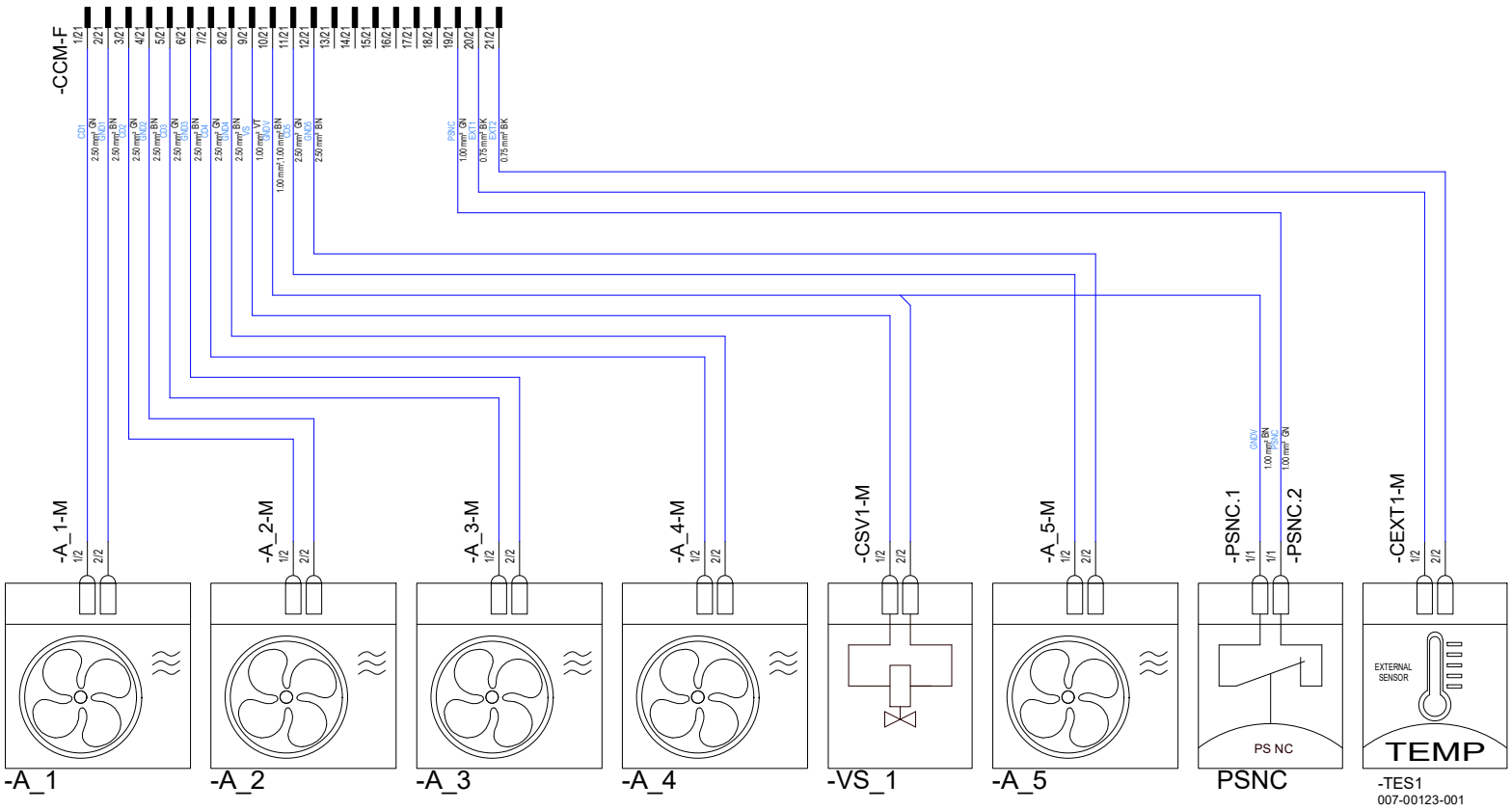
Page: 8_Se of 11

Previous Page: 7_T6_Ele

Next Page: 9_Cond_Esc

CONDENSER MODULE WITH BRUSH FAN

Módulo Condensador com Ventilador Escova



NOTES / Notas:

1. THE PSNC PRESSURE SWITCH IS JUST USED ON TWO SPEED CONDENSER APPLICATIONS USING BLOWER WITH BRUSHES
1. O pressostato PSNC é somente utilizado em aplicações para duas velocidades no condensador usando ventilador com escovas

Rev. Index	Qty	Rev. No.	Date	Draw	Change Description

Description: ELECTRICAL DIAGRAM CC430 DD

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DRAW	03/12/2019	RPEDRONI
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APPROVE	03/12/2019	FKATZ

Initial Relase: 2037-28

Part No.: 036-00307-002

Page Size: A3

Voltage: 24V

Unit: DOUBLE DECK - DD

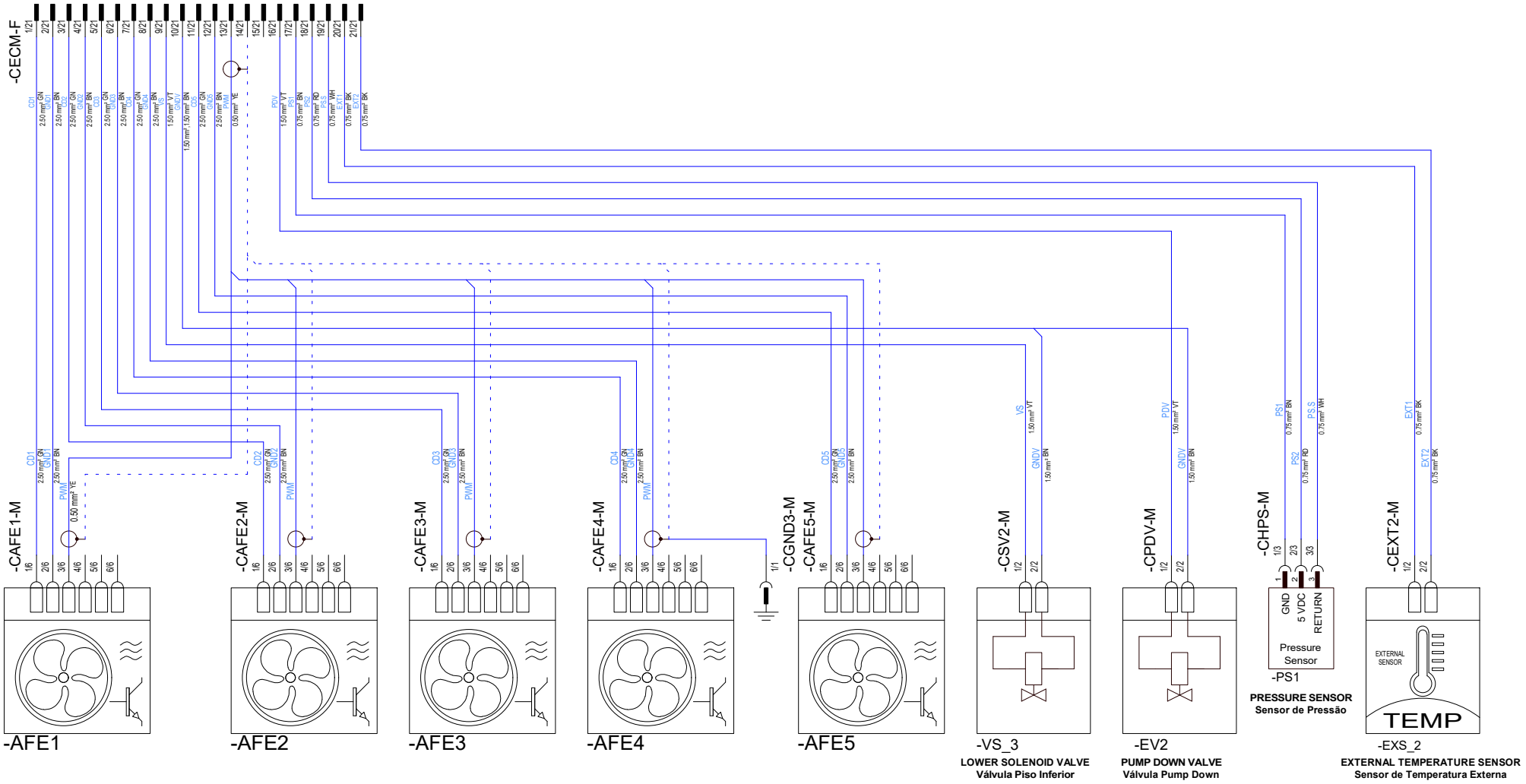
Page: 9_Co of 11

Previous Page: 8_Sensores

Next Page: 10_Cond_Ele

CONDENSER MODULE WITH BRUSHLESS FAN AND RE-HEAT UNTIL 0°C

Módulo Condensador com Ventilador Eletrônico e Re-Heat até 0°C



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Part No.: 036-00307-002

Page Size: A3

Voltage: 24V

Unit: DOUBLE DECK - DD

Page: 10_C of 11

Previous Page: 9_Cond_Esc

Next Page: 11

CHANGES HISTORY

Histórico de Modificações

CHANGES HISTORY - Histórico de Modificações

REVIEW Revisão	NAME Nome	RELEASE DATE Data Liberação	RELEASE IDE	CHANGES HISTORY Hitórico de Alterações	CHECKED BY Verificado por	APPROVED BY Aprovador por	ARE THERE CHANGES FOR BODY? Há alterações para carroceria?

Rev. Index	Qty	Rev. No.	Date	Draw	Change Description

Description

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	Date	Name
DRAW	03/12/2019	RPEDRONI
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Initial Relase: 2037-28

Part No.: 036-00307-002

Page Size: A3

Voltage: 24V

Valeo

Unit: DOUBLE DECK - DD

Page: 11 of 11

Previous Page: 10_Cond_Ele

Next Page: