

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
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UNIDAD INTERIOR
UNITE INTERIEURE
INDOOR UNIT
INNENGERÄT

OPCIONALES / OPTION / OPTIONAL

A - FREECOOLING TERMICO
FREECOOLING THERMIQUE
THERMAL FREECOOLING
THERMISCHES FREE-COOLING
B - FREECOOLING ENTALPICO
FREECOOLING ENTHALPIQUE
ENTHALPY FREECOOLING
ENTHALPISCHES FREE-COOLING
D - SENSOR CALIDAD AIRE AMBIENTE
SONDE QUALITÉ AIR AMBIANCE
AIR QUALITY SENSOR FOR AMBIENT
FÜHLER RAUMLUFTQUALITÄT
E - MANDO COMPATIDO REMOTO
COMMANDE PARTAGÉ LOCAL
REMOTE SHARE CONTROL
FERNBEDIENUNG
F1- MANDO PRIVADO LOCAL
COMMANDE PRIVÉ LOCAL
LOCAL PRIVATE CONTROL
LOKALE EINZELGERÄTSTEUERUNG
F2- TERMINAL DE USUARIO TCO
TERMINAL D'UTILISATEUR TCO
TCO USER TERMINAL
TCO-RAUMENDGERÄT
I - TARJETA SERIAL RS485
CARTE SERIAL RS485
RS485 SERIAL
SERIELLE PLATINE RS485
J1- Sonda TEMP. DE AMBIENTE RS485
SONDE TEMP. D'AMBIANCE RS485
AMBIENT TEMP. SENSOR RS485
TEMPERATURFÜHLER RAUMLUFT RS485
J2- Sonda TEMP. DE AMBIENTE NTC
SONDE TEMP. D'AMBIANCE NTC
AMBIENT TEMP. SENSOR NTC
TEMPERATURFÜHLER RAUMLUFT NTC

K - Sonda T+H DE AMBIENTE
SONDE T+H D'AMBIANCE
AMBIENT T+H SENSOR
TEMPERATUR- UND FEUCHTIGKEITSFÜHLER RAUMLUFT
M - VENTILADOR RETORNO CENTRIFUGO
VENTILATEUR DE REPRISE CENTRIFUGE
RETURN CENTRIFUGAL FAN
RÜCKLUFTRADIALVENTILATOR
N - RESISTENCIAS ELECTRICAS
BATTERIES ELECTRIQUES
ELECTRIC COIL
ELEKTRISCHES HEIZREGISTER
O - BATERIA AGUA CALIENTE
BATTERIE EAU CHAUDE
HOT WATER COIL
WARMWASSERREGISTER
Q - CONTROL CAUDAL DE AIRE
CONTROLE DEBIT D'AIR
AIR FLOW CONTROL
LUFTMENGENREGELUNG
R - DETECTOR FILTRO SUCIO
ENCRASSEMENT FILTRES
FILTER CLOGGING
MELDER FILTERZUSETZUNG
S - DETECTOR DE HUMOS
DETECTION DE FUMÉES
SMOKE DETECTION
RAUCHMELDER
V - ARRANCADOR PROGRESIVO
DEMARREUR PROGRESSIF
PROGRESIVE STARTER
SOFTSTARTER
W - MEDIDOR DE POTENCIA
COMPTEUR D'ÉNERGIE
POWER METER
STROMZÄHLER

X1- VENTILADOR INTERIOR CENTRIFUGO
VENTILATEUR INTERNAL CENTRIFUGE
INTERNAL CENTRIFUGAL CENTRIFUGAL
INTERNER CENTRIFUGALVENTILATOR
X2- VENTILADOR INTERIOR IMP RADIAL
VENTILATEUR INTERNAL RADIAL
INTERNAL CENTRIFUGAL RADIAL
INTERNER RADIALVENTILATOR
AA- ALIMENTACION CON NEUTRO
ALIMENTATION AVEC NEUTRE
POWER SUPPLY WITH NEUTRAL
STROMVERSORGUNG MIT NEUTRALLEITER
AB- ALIMENTACION SIN NEUTRO
ALIMENTATION SANS NEUTRE
POWER SUPPLY WITHOUT NEUTRAL
STROMVERSORGUNG OHNE NEUTRALLEITER
AC- VENTILADOR EXTERIOR ELECTRONICO -
VENTILATEUR EXTERIEUR ELECTRONIQUES
ELECTRONIC OUTDOOR FAN
EXTERNER ELEKTRONISCHER VENTILATOR
AF- RELE DE CONTROL DE FASES ALTA GAMA
RELAIS CONTRÔLE PHASES HAUTE GAMME
HIGH RANGE PHASE CONTROL RELAY
PHASENRELAIS HOHE REICHWEITE
AG- Sonda HUMEDAD EXTERIOR AMBIENTE INDUSTRIAL
SONDE HUMIDITE EXTERIEURE ENVIRONNEMENT INDUSTRIEL
EXTERNAL HUMIDITY INDUSTRIAL ENVIRONMENT SENSOR
LUFTFEUCHTIGKEIT AUSSENLUFT FÜHLER

MODIFICADO POR: MODIFIÉ PAR: MODIFIED BY:	S.R.J.	FECHA: DATE: DATE:	22/01/2018	SERIE :	ICZ	MODELO: MODELE:	0182 -	BOMBA DE CALOR AIRE-AIRE PARTIDA.UNIDAD INTERIOR VENTILADOR EXTERIOR HELICOIDAL REGULACION CIATr+c.	I COMPRESOR/I CIRCUITO I COMPRESSEUR/I CIRCUIT I COMPRESSOR/I CIRCUIT
MODIFICACION: MODIFICATION:	-			V° B°		NP:	-	POMPE A CHALEUR AIR-AIR TYPE SPLIT-SYSTEM. UNITE INTERIEURE. VENTILATEUR HELICIODALE. REGULATION CIATr+c	PAGINA PAGE
SUSTITUYE A: REPLACE: TAKE:	-	SUSTITUIDO POR: REPLACÉ PAR: TAKE BY:	-			NF:	-	AIR TO AIR HEAT PUMP SPLIT-SYSTEM. INDOOR UNIT HELICOIDAL FAN. CIATr+c CONTROL	1 / 12
									TENSION VOLTAGE
									400/3/50



OPTION XI

CONEXION UNIDAD EXTERIOR
UNITE EXTERIEURE RACCORDEMENT
OUTDOOR UNIT CONECTION
AUSSENGERÄT ANSCHLUSS


UNIDAD INTERIOR
UNITE INTERIEURE
INDOOR UNIT
INNENGERÄT

OPTION AA

OPTION AB

OPTION N

Labels in diagram: 8, K, V, I, 59, 65, 66, KVi1, KVi2, TS1, TS2, TSm1, TSm2, T1, S1, K1, R1, A1, K2, R2, A2, RTVi1, RTVi2, KVi1, KVi2, MV1, MV2, RA1, RA2, PE, N, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.

MODIFICADO POR: MODIFIE PAR: MODIFIED BY:	S.R.J.	FECHA: DATE: DATE:	22/01/2018	SERIE :	ICZ	MODELO: MODELE:	0182 -	BOMBA DE CALOR AIRE-AIRE PARTIDA.UNIDAD INTERIOR VENTILADOR EXTERIOR HELICOIDAL REGULACION CIATrte.	I COMPRESOR/I CIRCUITO I COMPRESSEUR/I CIRCUIT I COMPRESSOR/I CIRCUIT	
MODIFICACION: MODIFICATION:	-			V° B°		NP:	-	POMPE A CHALEUR AIR-AIR TYPE SPLIT-SYSTEM. UNITE INTERIEURE. VENTILATEUR HELICIODALE. REGULATION CIATrte	PAGINA PAGE	TENSION VOLTAGE
SUSTITUYE A: REPLACE: TAKE:	-	SUSTITUIDO POR: REPLACÉ PAR: TAKE BY:	-			NF:	-	AIR TO AIR HEAT PUMP SPLIT-SYSTEM. INDOOR UNIT HELICOIDAL FAN. CIATrte CONTROL	4/12	400/3/50

The diagram illustrates the wiring for the mPC unit, showing connections for various options and components.

OPTION W: This section shows the power meter (WM 14) and the power supply (J10). The power meter has terminals for L3, L2, L1, N, and a ground connection. The power supply (J10) has terminals for GND, Rx+/Tx+, and Vout. The wiring connects the power meter to the power supply and the external unit.

OPTION J1 / OPTION B+K: This section shows the external unit connections. The external unit has terminals for 45, 44, and 43. The wiring connects these terminals to the power meter and the power supply.

OPTION X2: This section shows the internal fan connections (MVi1). The fan unit has terminals for 61, 62, and 63. The wiring connects these terminals to the power meter and the power supply.

OPTION F2: This section shows the external unit connections (UNIDAD EXTERIOR). The external unit has terminals for 50, 51, 52, 48, and 49. The wiring connects these terminals to the power meter and the power supply.

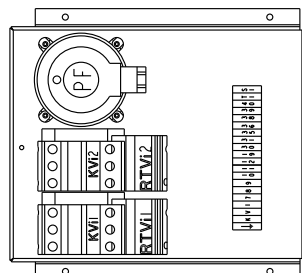
Wiring Details: The diagram shows the following wiring details:

- Power meter (WM 14) terminals: 31, 30, 29, 28, 27, 26, 24, 22, 20, 18, 15, 14, 13, 12, 11, 10, 4, 2.
- Power supply (J10) terminals: GND, Rx+/Tx+, Vout.
- External unit (UNIDAD EXTERIOR) terminals: 45, 44, 43, 50, 51, 52, 48, 49.
- Internal fan connections (MVi1) terminals: 61, 62, 63.
- Wiring labels: 2 hilos x 0.5 mm² + malla, BLANCO / BLANCHE / WHITE, MARRON / MARRON / BROWN, 120Ω.

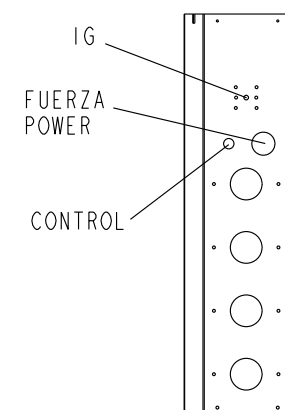
IMPLANTACION DE PLETINA
IMPLANTATION DE PLATINE
ELECTRICAL PANEL LOCATION
POSITION DER SCHALTТАFEL




OPTION N
OPTION Q
OPTION S
OPTION X2



NO CON OPTION N
NO AVEC OPTION Q
NO WITH OPTION S
NEIN MIT OPTION OPTION X2



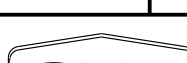
MODIFICADO POR: MODIFIE PAR: MODIFIED BY:		S.R.J.	FECHA: DATE: DATE:		22/01/2018	SERIE : ICZ		MODELO: 0182 MODELE: -		BOMBA DE CALOR AIRE-AIRE PARTIDA.UNIDAD INTERIOR VENTILADOR EXTERIOR HELICOIDAL REGULACION CIATrte.		1 COMPRESOR/I CIRCUITO 1 COMPRESSEUR/I CIRCUIT 1 COMPRESSOR/I CIRCUIT	
MODIFICACION: MODIFICATION:			-			Vº Bº		NP: -		POMPE A CHALEUR AIR-AIR TYPE SPLIT-SYSTEM. UNITE INTERIEURE. VENTILATEUR HELICIODALE. REGULATION CIATrte		PAGINA PAGE	
SUSTITUYE A: REPLACE: TAKE:		-	SUSTITUIDO POR: REPLACÉ PAR: TAKE BY:		-			NF:		AIR TO AIR HEAT PUMP SPLIT-SYSTEM. INDOOR UNIT HELICOIDAL FAN. CIATrte CONTROL		8/12	
400/3/50													

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
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CAJON DE MEZCLA
CAISSON DE MELANGE
MIXING BOX
MISCHKASTEN

OPCIONALES / OPTION / OPTIONAL

- | | | |
|--|--|---|
| <p>A - FREECOOLING TERMICO
FREECOOLING THERMIQUE
THERMAL FREECOOLING
THERMISCHES FREE-COOLING</p> <p>B - FREECOOLING ENTALPICO
FREECOOLING ENTHALPIQUE
ENTHALPY FREECOOLING
ENTHALPISCHES FREE-COOLING</p> <p>D - SENSOR CALIDAD AIRE AMBIENTE
SONDE QUALITÉ AIR AMBIANCE
AIR QUALITY SENSOR FOR AMBIENT
FÜHLER RAUMLUFTQUALITÄT</p> <p>E - MANDO COMPATIDO REMOTO
COMMANDE PARTAGÉ LOCAL
REMOTE SHARE CONTROL
FERNBEDIENUNG</p> <p>F1- MANDO PRIVADO LOCAL
COMMANDE PRIVÉ LOCAL
LOCAL PRIVATE CONTROL
LOKALE EINZELGERÄTSTEUERUNG</p> <p>F2- TERMINAL DE USUARIO TCO
TERMINAL D'UTILISATEUR TCO
TCO USER TERMINAL
TCO-RAUMENDGERÄT</p> <p>I - TARJETA SERIAL RS485
CARTE SERIAL RS485
RS485 SERIAL
SERIELLE PLATINE RS485</p> <p>J1- Sonda TEMP. DE AMBIENTE RS485
SONDE TEMP. D'AMBIANCE RS485
AMBIENT TEMP. SENSOR RS485
TEMPERATURFÜHLER RAUMLUFT RS485</p> <p>J2- Sonda TEMP. DE AMBIENTE NTC
SONDE TEMP. D'AMBIANCE NTC
AMBIENT TEMP. SENSOR NTC
TEMPERATURFÜHLER RAUMLUFT NTC</p> | <p>K - Sonda T+H DE AMBIENTE
SONDE T+H D'AMBIANCE
AMBIENT T+H HSENSOR
TEMPERATUR- UND FEUCHTIGKEITSFÜHLER RAUMLUFT</p> <p>M - VENTILADOR RETORNO CENTRIFUGO
VENTILATEUR DE REPRISE CENTRIFUGE
RETURN CENTRIFUGAL FAN
RÜCKLUFTRADIALVENTILATOR</p> <p>N - RESISTENCIAS ELECTRICAS
BATTERIES ELECTRIQUES
ELECTRIC COIL
ELEKTRISCHES HEIZREGISTER</p> <p>O - BATERIA AGUA CALIENTE
BATTERIE EAU CHAUDE
HOT WATER COIL
WARMWASSERREGISTER</p> <p>Q - CONTROL CAUDAL DE AIRE
CONTROLE DEBIT D'AIR
AIR FLOW CONTROL
LUFTMENGENREGELUNG</p> <p>R - DETECTOR FILTRO SUCIO
ENCRASSEMENT FILTRES
FILTER CLOGGING
MELDER FILTERZUSETZUNG</p> <p>S - DETECTOR DE HUMOS
DETECTION DE FUMÉES
SMOKE DETECTION
RAUCHMELDER</p> <p>V - ARRANCADOR PROGRESIVO
DÉMARREUR PROGRESSIF
PROGRESSIVE STARTER
SOFTSTARTER</p> <p>W - MEDIDOR DE POTENCIA
COMPTEUR D'ÉNERGIE
POWER METER
STROMZÄHLER</p> | <p>X1- VENTILADOR INTERIOR CENTRIFUGO
VENTILATEUR INTERNAL CENTRIFUGE
INTERNAL CENTRIFUGAL CENTRIFUGAL
INTERNER CENTRIFUGALVENTILATOR</p> <p>X2- VENTILADOR INTERIOR IMP RADIAL
VENTILATEUR INTERNAL RADIAL
INTERNAL CENTRIFUGAL RADIAL
INTERNER RADIALVENTILATOR</p> <p>AA- ALIMENTACION CON NEUTRO
ALIMENTATION AVEC NEUTRE
POWER SUPPLY WITH NEUTRAL
STROMVERSORGUNG MIT NEUTRALLEITER</p> <p>AB- ALIMENTACION SIN NEUTRO
ALIMENTATION SANS NEUTRE
POWER SUPPLY WITHOUT NEUTRAL
STROMVERSORGUNG OHNE NEUTRALLEITER</p> <p>AC- VENTILADOR EXTERIOR ELECTRONICO -
VENTILATEUR EXTERIEUR ELECTRONIQUES
ELECTRONIC OUTDOOR FAN
EXTERNER ELEKTRONISCHER VENTILATOR</p> <p>AF- RELE DE CONTROL DE FASES ALTA GAMA
RELAIS CONTRÔLE PHASES HAUTE GAMME
HIGH RANGE PHASE CONTROL RELAY
PHASENRELAIS HOHE REICHWEITE</p> |
|--|--|---|

MODIFICADO POR: MODIFIÉ PAR: MODIFIED BY:		S.R.J.	FECHA: DATE: DATE:		22/01/2018	SERIE : ICZ		MODELO: MODELE:		0182 -	BOMBA DE CALOR AIRE-AIRE PARTIDA.UNIDAD INTERIOR VENTILADOR EXTERIOR HELICOIDAL REGULACION CIATr+c.			I COMPRESOR/I CIRCUITO I COMPRESSEUR/I CIRCUIT I COMPRESSOR/I CIRCUIT			
MODIFICACION: MODIFICATION:		-				Vº Bº				NP:	-		POMPE A CHALEUR AIR-AIR TYPE SPLIT-SYSTEM. UNITE INTERIEURE. VENTILATEUR HELICIODALE. REGULATION CIATr+c			PAGINA PAGE	TENSION VOLTAGE
SUSTITUYE A: REPLACE: TAKE:		-	SUSTITUIDO POR: REPLACÉ PAR: TAKE BY:		-			NF:		AIR TO AIR HEAT PUMP SPLIT-SYSTEM. INDOOR UNIT HELICOIDAL FAN. CIATr+c CONTROL			9/12		400/3/50		

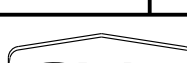


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CAJON DE RETORNO
CAISSON DE REPRIS
RETURN BOX
RÜCKFÜHREINHEIT

OPCIONALES / OPTION / OPTIONAL

A - FREECOOLING TERMICO FREECOOLING THERMIQUE THERMAL FREECOOLING THERMISCHES FREE-COOLING	K - SONTA T+H DE AMBIENTE SONDE T+H D'AMBIANCE AMBIENT T+H HSENSOR TEMPERATUR- UND FEUCHTIGKEITSFÜHLER RAUMLUFT	X1- VENTILADOR INTERIOR CENTRIFUGO VENTILATEUR INTERNAL CENTRIFUGE INTERNAL CENTRIFUGAL CENTRIFUGAL INTERNER CENTRIFUGALVENTILATOR
B - FREECOOLING ENTALPICO FREECOOLING ENTHALPIQUE ENTHALPY FREECOOLING ENTHALPISCHES FREE-COOLING	M - VENTILADOR RETORNO CENTRIFUGO VENTILATEUR DE REPRISE CENTRIFUGE RETURN CENTRIFUGAL FAN RÜCKLUFTRADIALVENTILATOR	X2- VENTILADOR INTERIOR IMP RADIAL VENTILATEUR INTERNAL RADIAL INTERNAL CENTRIFUGAL RADIAL INTERNER RADIALVENTILATOR
D - SENSOR CALIDAD AIRE AMBIENTE SONDE QUALITÉ AIR AMBIANCE AIR QUALITY SENSOR FOR AMBIENT FÜHLER RAUMLUFTQUALITÄT	N - RESISTENCIAS ELECTRICAS BATTERIES ELECTRIQUES ELECTRIC COIL ELEKTRISCHES HEIZREGISTER	AA- ALIMENTACION CON NEUTRO ALIMENTATION AVEC NEUTRE POWER SUPPLY WITH NEUTRAL STROMVERSORGUNG MIT NEUTRALLEITER
E - MANDO COMPATIDO REMOTO COMMANDE PARTAGÉ LOCAL REMOTE SHARE CONTROL FERNBEDIENUNG	O - BATERIA AGUA CALIENTE BATTERIE EAU CHAUDE HOT WATER COIL WARMWASSERREGISTER	AB- ALIMENTACION SIN NEUTRO ALIMENTATION SANS NEUTRE POWER SUPPLY WITHOUT NEUTRAL STROMVERSORGUNG OHNE NEUTRALLEITER
F1- MANDO PRIVADO LOCAL COMMANDE PRIVÉ LOCAL LOCAL PRIVATE CONTROL LOKALE EINZELGERÄTSTEUERUNG	Q - CONTROL CAUDAL DE AIRE CONTROLE DEBIT D'AIR AIR FLOW CONTROL LUFTMENGENREGELUNG	AC- VENTILADOR EXTERIOR ELECTRONICO - VENTILATEUR EXTERIEUR ELECTRONIQUES ELECTRONIC OUTDOOR FAN EXTERNER ELEKTRONISCHER VENTILATOR
F2- TERMINAL DE USUARIO TCO TERMINAL D'UTILISATEUR TCO TCO USER TERMINAL TCO-RAUMENDGERÄT	R - DETECTOR FILTRO SUCIO ENCRASSEMENT FILTRES FILTER CLOGGING MELDER FILTERZUSETZUNG	AF- RELE DE CONTROL DE FASES ALTA GAMA RELAIS CONTROLE PHASES HAUTE GAMME HIGH RANGE PHASE CONTROL RELAY PHASENRELAIS HOHE REICHWEITE
I - TARJETA SERIAL RS485 CARTE SERIAL RS485 RS485 SERIAL SERIELLE PLATINE RS485	S - DETECTOR DE HUMOS DETECTION DE FUMÉES SMOKE DETECTION RAUCHMELDER	
J1- SONTA TEMP. DE AMBIENTE RS485 SONDE TEMP. D'AMBIANCE RS485 AMBIENT TEMP. SENSOR RS485 TEMPERATURFÜHLER RAUMLUFT RS485	V - ARRANCADOR PROGRESIVO DEMARREUR PROGRESSIF PROGRESIVE STARTER SOFTSTARTER	
J2- SONTA TEMP. DE AMBIENTE NTC SONDE TEMP. D'AMBIANCE NTC AMBIENT TEMP. SENSOR NTC TEMPERATURFÜHLER RAUMLUFT NTC	W - MEDIDOR DE POTENCIA COMPTEUR D'ÉNERGIE POWER METER STROMZÄHLER	

MODICADO POR: MODIFIÉ PAR: MODIFIED BY:		S.R.J.	FECHA: DATE: DATE:		22/01/2018	SERIE : ICZ		MODELO: MODELE:		0182 -	BOMBA DE CALOR AIRE-AIRE PARTIDA.UNIDAD INTERIOR VENTILADOR EXTERIOR HELICOIDAL REGULACION CIATr+c.			I COMPRESOR/I CIRCUITO I COMPRESSEUR/I CIRCUIT I COMPRESSOR/I CIRCUIT					
MODIFICACION: MODIFICATION:		-				V° B°				NP:	-		POMPE A CHALEUR AIR-AIR TYPE SPLIT-SYSTEM. UNITE INTERIEURE. VENTILATEUR HELICIODALE. REGULATION CIATr+c			PAGINA PAGE		TENSION VOLTAGE	
SUSTITUYE A: REPLACE: TAKE:		-		SUSTITUIDO POR: REPLACÉ PAR: TAKE BY:		-				NF:			AIR TO AIR HEAT PUMP SPLIT-SYSTEM. INDOOR UNIT HELICOIDAL FAN. CIATr+c CONTROL			11/12		400/3/50	



