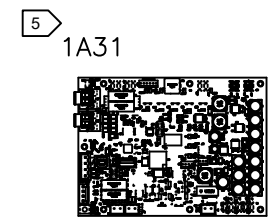
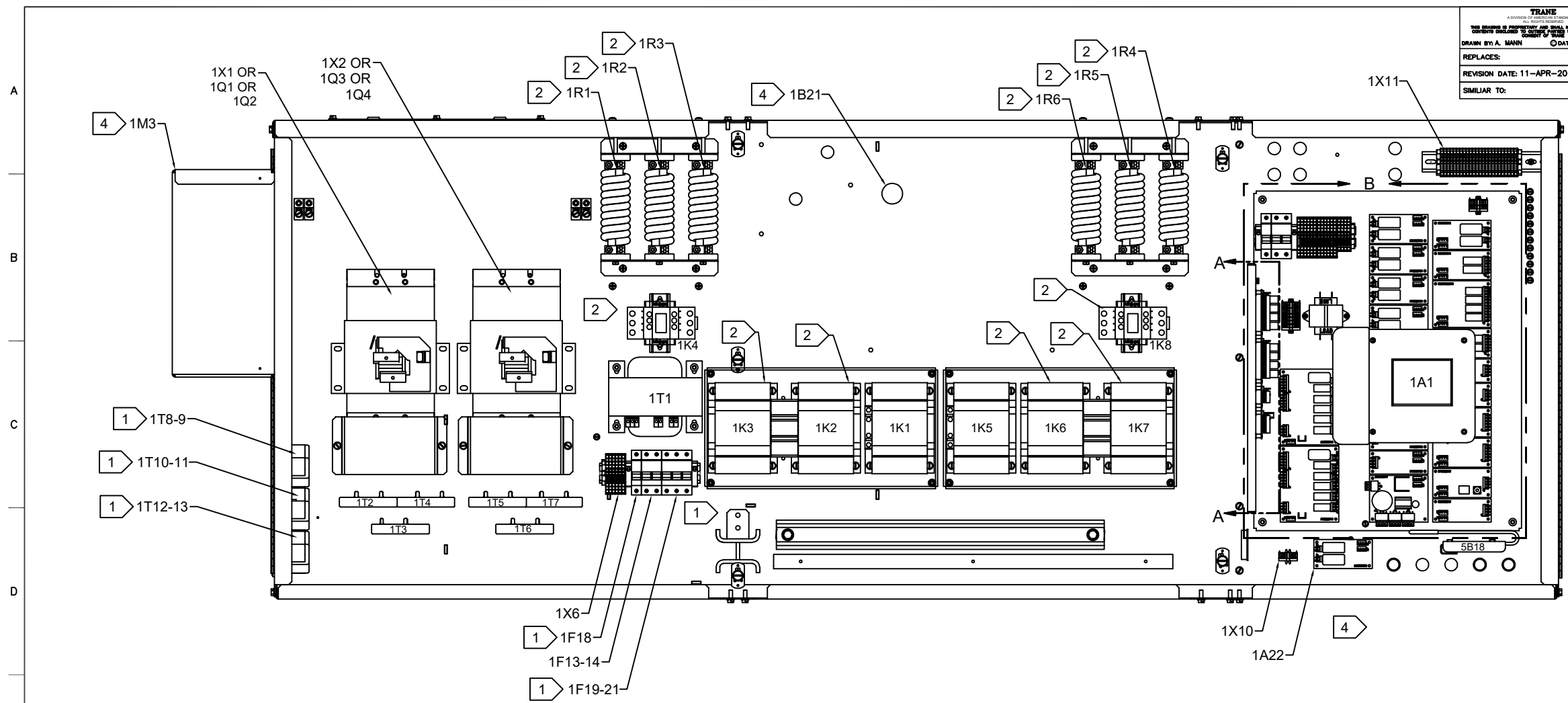


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DRAWING ROOM AND NOT TO BE LOANED, REPRODUCED, COPIED, OR
DRAINED BY ANY OTHER PERSON. DATE: 07-SEP-2007
REPLACES:
REVISION DATE: 11-APR-2013
SIMILAR TO:

2309-7597
SHEET 1 OF 2
REV K
LAYOUT
RTWD/RTUD
CONTROL PANEL
COMPONENT
LOCATION



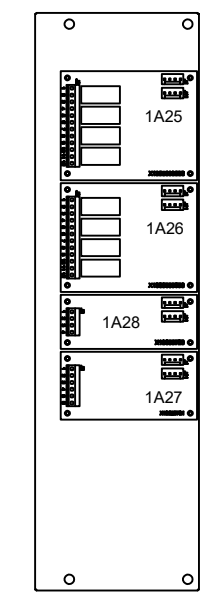
DETAIL C - ALTERNATE OPTION

WARNING	AVERTISSEMENT	ADVERTENCIA
HAZARDOUS VOLTAGE! DISCONNECT ALL ELECTRIC POWER INCLUDING REMOTE DISCONNECTS AND FOLLOW LOCK OUT AND TAG PROCEDURES BEFORE SERVICING. INSURE THAT ALL MOTOR CAPACITORS HAVE DISCHARGED STORED VOLTAGE. UNITS WITH VARIABLE SPEED DRIVE, REFER TO DRIVE INSTRUCTIONS FOR CAPACITOR DISCHARGE. FAILURE TO DO THE ABOVE COULD RESULT IN DEATH OR SERIOUS INJURY.	TENSION DANGEREUSE! COUPER TOUTES LES TENSIONS ET OUVRIR LES SECTIONNEURS A DISTANCE, PUIS SUIVRE LES PROCEDURES DE VERROUILLAGE ET DES ETIQUETTES AVANT TOUTE INTERVENTION. VERIFIER QUE TOUTS LES CONDENSATEURS DES MOTEURS SONT DECHARGES. DANS LE CAS D'UNITES COMPORTANT DES ENTRAÎNEMENTS A VITESSE VARIABLE, SE REPORTER AUX INSTRUCTIONS DE L'ENTRAÎNEMENT POUR DECHARGER LES CONDENSATEURS. NE PAS RESPECTER CES MESURES DE PRECAUTION PEUT ENTRAÎNER DES BLESSURES GRAVES POUVANT ETRE MORTELLES.	¡VOLTAJE PELIGROSO! DESCONECTE TODA LA ENERGÍA ELÉCTRICA, INCLUIDO LAS DESCONEXIONES REMOTAS Y SIGA LOS PROCEDIMIENTOS DE CIERRE Y ETIQUETADO ANTES DE PROCEDER AL SERVICIO. ASEGÚRESE DE QUE TODOS LOS CAPACITORES DEL MOTOR HAYAN DESCARGADO EL VOLTAJE ALMACENADO. PARA LAS UNIDADES CON TRANSMISIÓN DE VELOCIDAD VARIABLE, CONSULTE LAS INSTRUCCIONES PARA LA DESCARGA DEL CONDENSADOR. EL NO REALIZAR LO ANTERIORMENTE INDICADO, PODRÍA OCASIONAR LA MUERTE O SERIAS LESIONES PERSONALES.

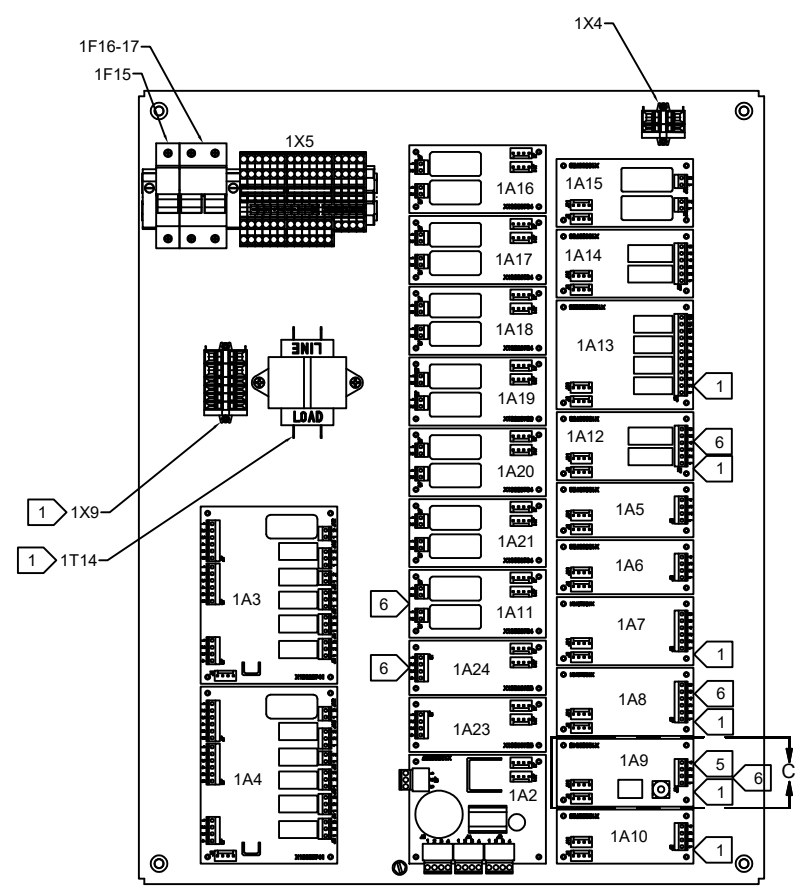
CAUTION
USE COPPER CONDUCTORS ONLY!
UNIT TERMINALS ARE NOT DESIGNED TO ACCEPT OTHER TYPES OF CONDUCTORS.
FAILURE TO DO SO MAY CAUSE DAMAGE TO THE EQUIPMENT.

ATTENTION
N'UTILISER QUE DES CONDUCTEURS EN CUIVRE!
LES BORNES DE L'UNITÉ NE SONT PAS CONÇUES POUR RECEVOIR D'AUTRES TYPES DE CONDUCTEURS.
L'UTILISATION DE TOUT AUTRE CONDUCTEUR PEUT ENDOMMAGER L'ÉQUIPEMENT.

PRECAUCIÓN
¡UTILICE ÚNICAMENTE CONDUCTORES DE COBRE!
LAS TERMINALES DE LA UNIDAD NO ESTÁN DISEÑADAS PARA ACEPTAR OTROS TIPOS DE CONDUCTORES.
SI NO LO HACE, PUEDE OCASIONAR DAÑO AL EQUIPO.



SECTION A
EXPANDED VIEW



DETAIL B - EXPANDED VIEW

DEVICE DESIGNATION	DESCRIPTION
1A1	DYNA VIEW MAIN PROCESSOR INTERFACE
1A2	POWER SUPPLY MODULE
1A3	STARTER MODULE, COMPRESSOR 1A
1A4	STARTER MODULE, COMPRESSOR 2A
1A5	DUAL LOW VOLTAGE INPUT, EXTERNAL AUTO STOP AND EMERGENCY STOP INPUTS
1A6	DUAL LOW VOLTAGE INPUT, EXTERNAL CIRCUIT LOCKOUT, REFRIGERANT CIRCUIT 1 AND 2
1A7	ANALOG INPUT/OUTPUT, EXTERNAL CURRENT LIMIT AND EXTERNAL CHILLED WATER OR HOT WATER SETPOINT INPUTS
1A8	ANALOG INPUT/OUTPUT, CONDENSER CONTROL AND COMPRESSOR % RLA OUTPUT
1A9	CH5-30 COMM5 INTERFACE, LCI-C COMMUNICATIONS (ECHELON)
1A10	DUAL LOW VOLTAGE INPUT, ICE MACHINE CONTROL AND HEAT MODE CONTROL
1A11	DUAL HIGH VOLTAGE INPUT, MOTOR THERMOSTATS COMPRESSOR 2A AND 1A
1A12	DUAL RELAY OUTPUT, ICE MAKING STATUS
1A13	QUAD RELAY OUTPUTS, UNIT STATUS PROGRAMMABLE RELAYS
1A14	DUAL RELAY OUTPUTS, CONDENSER AND CHILLED WATER PUMP RELAYS
1A15	DUAL HIGH VOLTAGE INPUT, CONDENSER AND CHILLED WATER FLOW AND INTERLOCK
1A16	DUAL TRAC OUTPUT, MODULATING UNLOAD AND LOAD COMPRESSOR 2A
1A17	DUAL TRAC OUTPUT, STEP LOAD CONTROL COMPRESSOR 2A AND 1A
1A18	DUAL TRAC OUTPUT, MODULATING UNLOAD AND LOAD COMPRESSOR 1A
1A19	DUAL HIGH VOLTAGE INPUT, HIGH PRESSURE CUTOUT COMPRESSOR 2A AND 1A
1A20	DUAL TRAC OUTPUT, OIL RETURN GAS PUMP DRAIN AND FILL, CIRCUIT 2
1A21	DUAL TRAC OUTPUT, OIL RETURN GAS PUMP DRAIN AND FILL, CIRCUIT 1
1A22	DUAL HIGH VOLTAGE INPUT, PANEL VENTILATION
1A23	DUAL LOW VOLTAGE INPUT, OIL LOSS LEVEL
1A24	DUAL LOW VOLTAGE INPUT, WATER FLOW SENSOR
1A25	QUAD RELAY OUTPUTS, CIRCUIT 1 FAN CONTROL
1A26	QUAD RELAY OUTPUTS, CIRCUIT 2 FAN CONTROL
1A27	ANALOG INPUT/OUTPUT, FAN SPEED CONTROL
1A28	DUAL LOW VOLTAGE INPUT, FAULT FEEDBACK
1A31	BACKNET INTERFACE – BC12-C
1A32	DUAL HIGH VOLTAGE INPUT, HEAT WATER FLOW AND INTERLOCK
1A33	DUAL RELAY OUTPUTS, HEAT WATER PUMP START
1A34	DUAL LOW VOLTAGE INPUT, HEAT SUPPLEMENT AND HEAT RECOVERY INPUT
1A39	MODBUS COMMUNICATIONS
1A40	ANALOG INPUT/OUTPUT
1B21	THERMOSTAT, PANEL VENTILATION
1M3	MOTOR, VENTILATION FAN
1F13	FUSE, POTENTIAL TRANSFORMER PRIMARY, COMPRESSOR 1A, LINE A, UNDER/OVER VOLTAGE – POWER METER
1F14	FUSE, POTENTIAL TRANSFORMER PRIMARY, COMPRESSOR 1A, LINE B, UNDER/OVER VOLTAGE – POWER METER
1F15	FUSE, CONTROL POWER TRANSFORMER SECONDARY, 115 V
1F16	FUSE, CONTROL POWER TRANSFORMER SECONDARY, 27 V
1F17	FUSE, CONTROL POWER TRANSFORMER SECONDARY, 27 V
1F18	FUSE, POTENTIAL TRANSFORMER PRIMARY, COMPRESSOR 1A, LINE C, POWER METER
1F19	FUSE, POTENTIAL TRANSFORMER PRIMARY, COMPRESSOR 2A, LINE A, POWER METER
1F20	FUSE, POTENTIAL TRANSFORMER PRIMARY, COMPRESSOR 2A, LINE B, POWER METER
1F21	FUSE, POTENTIAL TRANSFORMER PRIMARY, COMPRESSOR 2A, LINE C, POWER METER
1K1	CONTACTOR, COMPRESSOR 1A START
1K2	CONTACTOR, COMPRESSOR 1A RUN
1K3	CONTACTOR, COMPRESSOR 1A SHORT
1K4	CONTACTOR, COMPRESSOR 1A TRANSITION
1K5	CONTACTOR, COMPRESSOR 2A START
1K6	CONTACTOR, COMPRESSOR 2A RUN
1K7	CONTACTOR, COMPRESSOR 2A SHORT
1K8	CONTACTOR, COMPRESSOR 2A TRANSITION
1Q1	DISCONNECT SWITCH, POWER DISTRIBUTION
1Q2	CIRCUIT BREAKER, POWER DISTRIBUTION
1Q3	DISCONNECT SWITCH, POWER DISTRIBUTION
1Q4	CIRCUIT BREAKER, POWER DISTRIBUTION
1R1	RESISTOR, TRANSITION, COMPRESSOR 1A, LINE A
1R2	RESISTOR, TRANSITION, COMPRESSOR 1A, LINE B
1R3	RESISTOR, TRANSITION, COMPRESSOR 1A, LINE C
1R4	RESISTOR, TRANSITION, COMPRESSOR 2A, LINE A
1R5	RESISTOR, TRANSITION, COMPRESSOR 2A, LINE B
1R6	RESISTOR, TRANSITION, COMPRESSOR 2A, LINE C
1T1	TRANSFORMER, CONTROL POWER
1T2	TRANSFORMER, CURRENT, COMPRESSOR 1A, LINE A
1T3	TRANSFORMER, CURRENT, COMPRESSOR 1A, LINE B
1T4	TRANSFORMER, CURRENT, COMPRESSOR 1A, LINE C
1T5	TRANSFORMER, CURRENT, COMPRESSOR 2A, LINE A
1T6	TRANSFORMER, CURRENT, COMPRESSOR 2A, LINE B
1T7	TRANSFORMER, CURRENT, COMPRESSOR 2A, LINE C
1T8	TRANSFORMER, POTENTIAL, UNDER/OVER VOLTAGE – POWER METER, LINE A TO B
1T9	TRANSFORMER, POTENTIAL, POWER METER, LINE B TO C
1T10	TRANSFORMER, POTENTIAL, POWER METER, LINE A TO C
1T11	TRANSFORMER, POTENTIAL, POWER METER, LINE A TO B
1T12	TRANSFORMER, POTENTIAL, POWER METER, LINE B TO C
1T13	TRANSFORMER, POTENTIAL, POWER METER, LINE A TO C
1X1	POWER DISTRIBUTION BLOCK
1X2	POWER DISTRIBUTION BLOCK
1X4	TERMINAL STRIP, CUSTOMER CONTROL WIRING
1X5	TERMINAL STRIP, FACTORY CONTROL WIRING
1X6	TERMINAL STRIP, FACTORY POWER METER WIRING
1X7	POWER DISTRIBUTION BLOCK
1X8	POWER DISTRIBUTION BLOCK
1X9	TERMINAL STRIP, WATER FLOW SENSOR CONTROL WIRING
1X10	TERMINAL STRIP, VENTILATION
1X11	TERMINAL STRIP, FAN CONTROL
5B18	TEMPERATURE SENSOR, OUTDOOR AIR TEMPERATURE

1. OPTIONAL COMPONENTS; MAY NOT BE PRESENT ON ALL UNITS.
2. WYE DELTA COMPONENTS; MAY NOT BE PRESENT ON ALL UNITS.
3. REFER TO RTWD/RTUD ELECTRICAL...

3. REFER TO RTWD/RTUD ELECTRICAL SCHEMATIC FOR SPECIFIC ELECTRICAL CONNECTION INFORMATION AND NOTES PERTAINING TO WIRING INSTALLATION.
4. ONLY PRESENT WHEN VENTILATION IS REQUIRED.
5. 1A31 MAY OPTIONALLY BE INSTALLED IN PLACE OF 1A9.
6. FOR TACANG PRODUCE UNIT.
1A32 MAY OPTIONALLY BE INSTALLED IN PLACE OF 1A11.
1A33 MAY OPTIONALLY BE INSTALLED IN PLACE OF 1A12.
1A34 MAY OPTIONALLY BE INSTALLED IN PLACE OF 1A24.
1A40 MAY OPTIONALLY BE INSTALLED IN PLACE OF 1A8.
INSTALL 1A39 ON 1A9 AND USED AT THE SAME TIME.

WARNING



AVERTISSEMENT



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COMPORTANT DES ENTRAÎNEMENTS À
VITESSE VARIABLE, SE REPORTER AUX
INSTRUCTIONS DE L'ENTRAÎNEMENT POUR
DÉCHARGER LES CONDENSATEURS.

NE PAS RESPECTER CES MESURES DE
PRÉCAUTION PEUT ENTRAÎNER DES
BLESSURES GRAVES POUVANT ÊTRE
MORTELLES.

DESCONECTE TODA LA ENERGÍA ELÉCTRICA INCLUSO LAS DESCONEXIONES REMOTAS Y SIGA LOS PROCEDIMIENTOS DE CIERRE Y ETIQUETADO ANTES DE PROCEDER AL SERVICIO. ASEGÚRESE DE QUE TODOS LOS CAPACITORES DEL MOTOR HAYAN DESCARGADO EL VOLTAJE ALMACENADO. PARA LAS UNIDADES CON TRANSMISIÓN DE VELOCIDAD VARIABLE, CONSULTE LAS INSTRUCCIONES PARA LA DESCARGA DEL CONDENSADOR.

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