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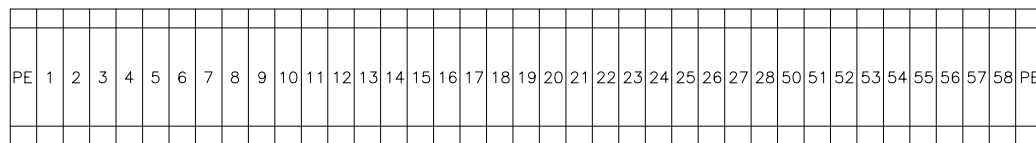
ESQUEMA ELECTRICO
WIRING DIAGRAM
SCHEMA ELECTRIQUE
SCHALTPLAN
ELECTRISCH SCHEMA

Elemento Opcional
Optional Element
Elément optionnel
Optionales bauteil
Optioneel element

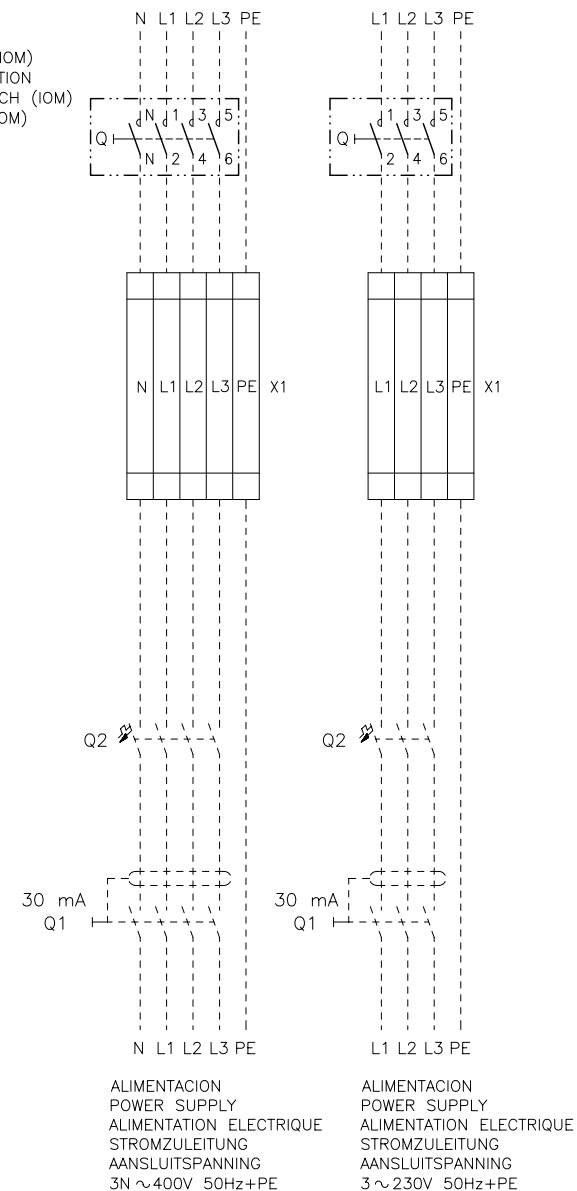
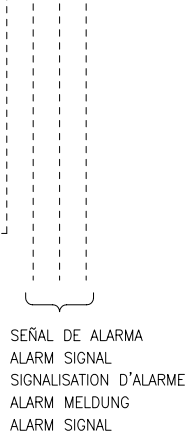
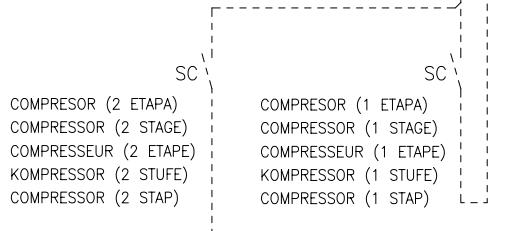
A realizar por el instalador
To wire by the installer
A câbler par l'installateur
Verdrahtung durch den installateur
Installateurzijdig te bedraden

* RETIRAR PUENTE SI SE MONTA REA
 REMOVE LINK FOR REA OPERATION
 RETIRER LE POND S'IL Y A REA
 ENTFERNEN DIE VERBINDUNG ZUM REA
 VERWIJDER LIK BIJ REA

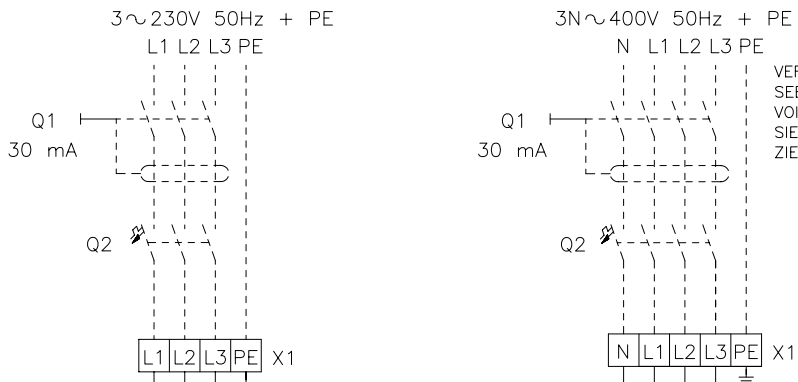
VER MANUAL INSTALACION
 SEE INSTALLATION MANUAL (IOM)
 VOIR LE MANUEL D'INSTALLATION
 SIEHE INSTALLATIONSHANDBUCH (IOM)
 ZIE INSTALLATION MANUAL (IOM)



BORNAS DE CONEXION ELECTROVALVULA LINEA DE LIQUIDO EXTERNA
 EXTERNAL LIQUID LINE SOLENOID VALVE TERMINALS
 BORNIER DE CONNEXION DE L'ELECTROVANNS DE LIQUIDE
 ANSTEUERUNG FLÜSSIGKEITSMAGNETVENTIL
 KLEMMEN EXTERNE MAGNEETKLEP VLOEISTOFLEIDING

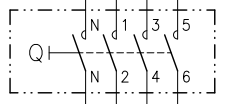
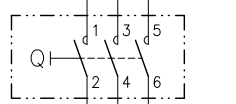


Elemento Opcional
 Optional Element
 A Realizar por el Instalador
 To Wire by the Installer

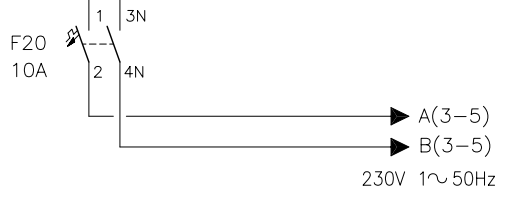
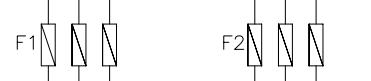
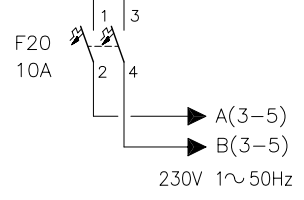


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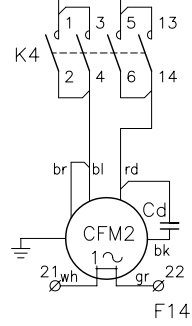
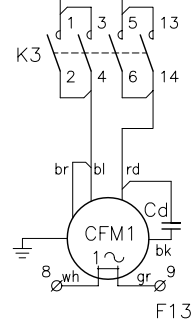
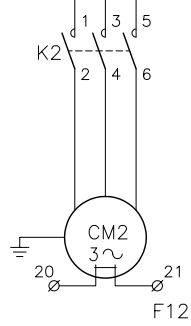
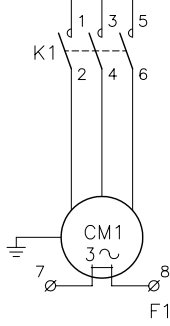
INTENSIDAD CURRENT INTESITÉ STROM		KSCK 48D		KSCK 64D		KSCK 76D		KSCK 86D	
		Im(MCC)	Ia(LRA)	Im(MCC)	Ia(LRA)	Im(MCC)	Ia(LRA)	Im(MCC)	Ia(LRA)
400V 3~50Hz	CM1-2	15,1A	94,0A	20,7A	127A	25,6A	158A	29,8A	189A
230V 3~50Hz	CM1-2	27,2A	166A	37,2A	224A	46,1A	279A	53,6A	330A
230V 1~50Hz	CFM1-2	3,5A	—	4,5A	—	4,5A	—	4,5A	—



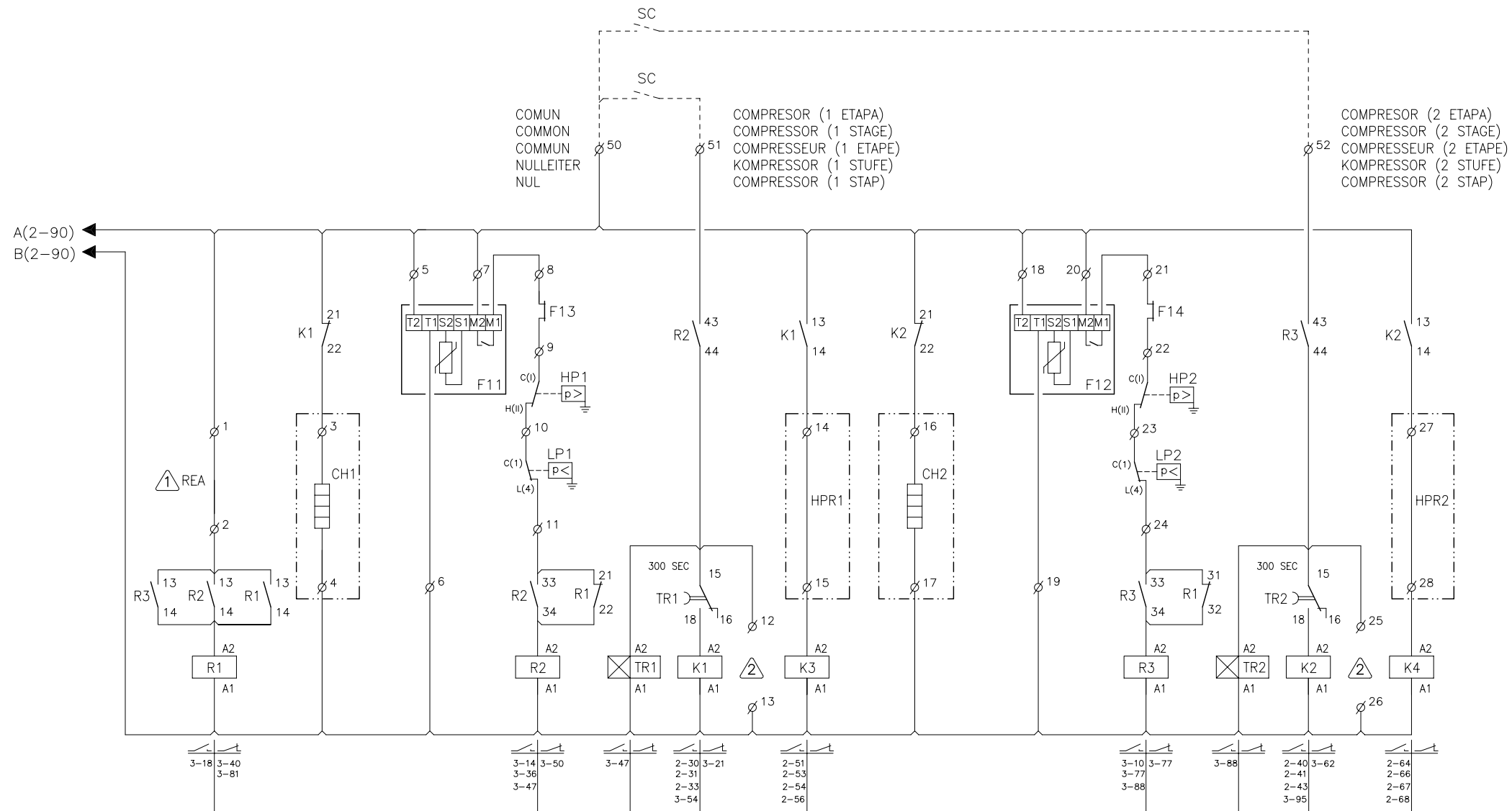
FUSIBLES FUSES FUSIBLES SICHERUNGEN ZEKERINGEN		KSCK 48D-64D-76D-86D			
		48D	64D	76D	86D
400V 3~50Hz	F1-2(CM1-2)	6x20A	6x25A	6x32A	6x40A
230V 3~50Hz	F1-2(CM1-2)	6x40A	6x50A	6x63A	6x80A
230V 1~50Hz	F3(CFM1-2)	1x10A	1x10A	1x10A	1x10A



- CIRCUITO DE MANIOBRA
- CONTROL CIRCUIT
- CIRCUIT DE COTROL
- STEUERKREIS
- REGELCIRCUIT

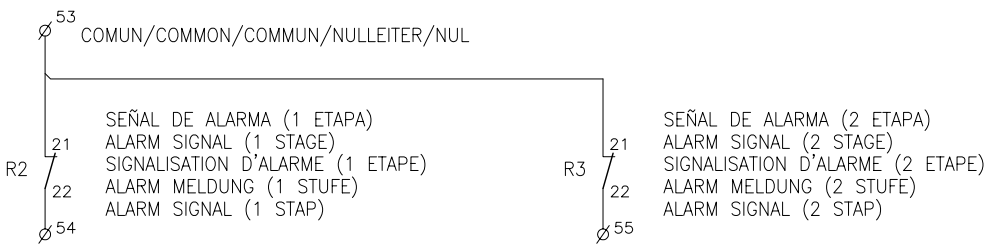


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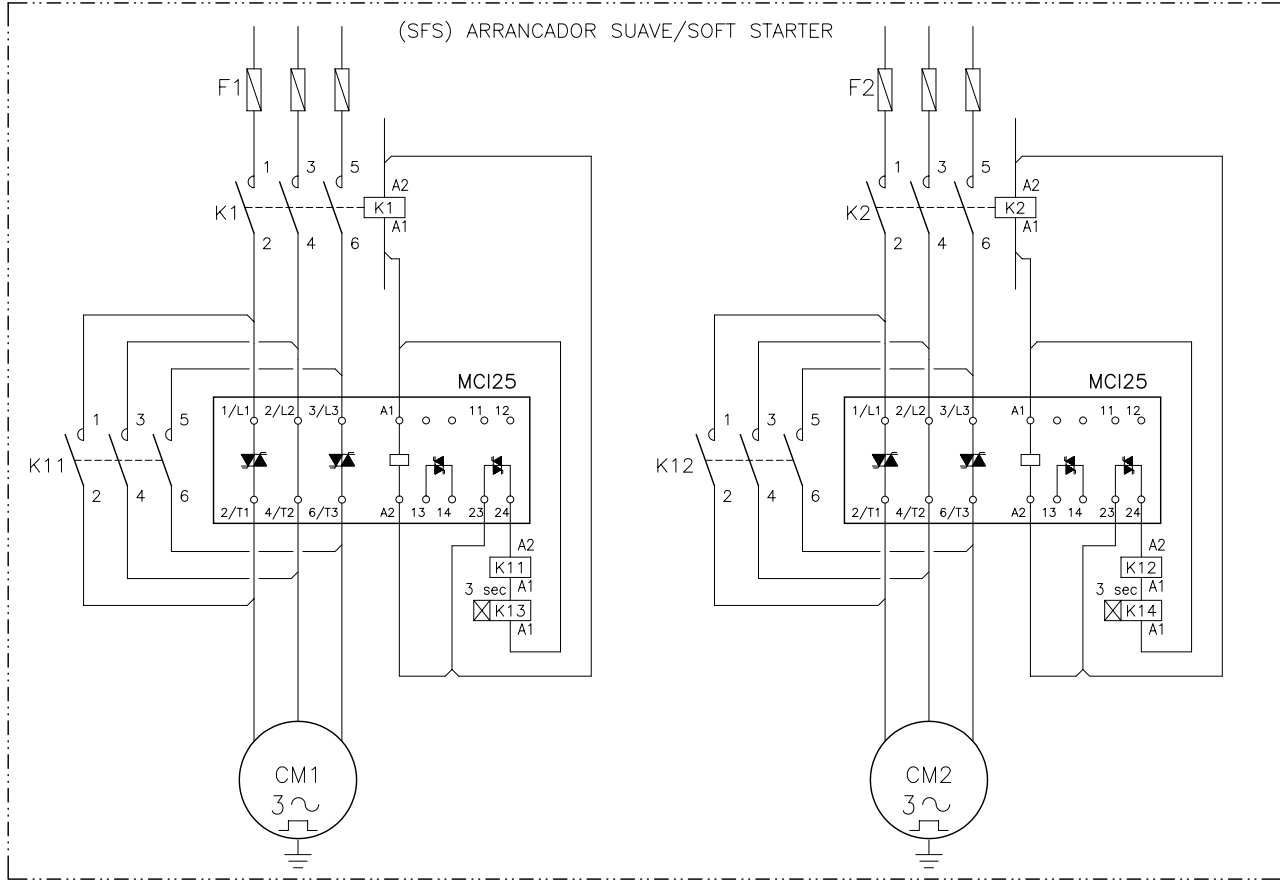
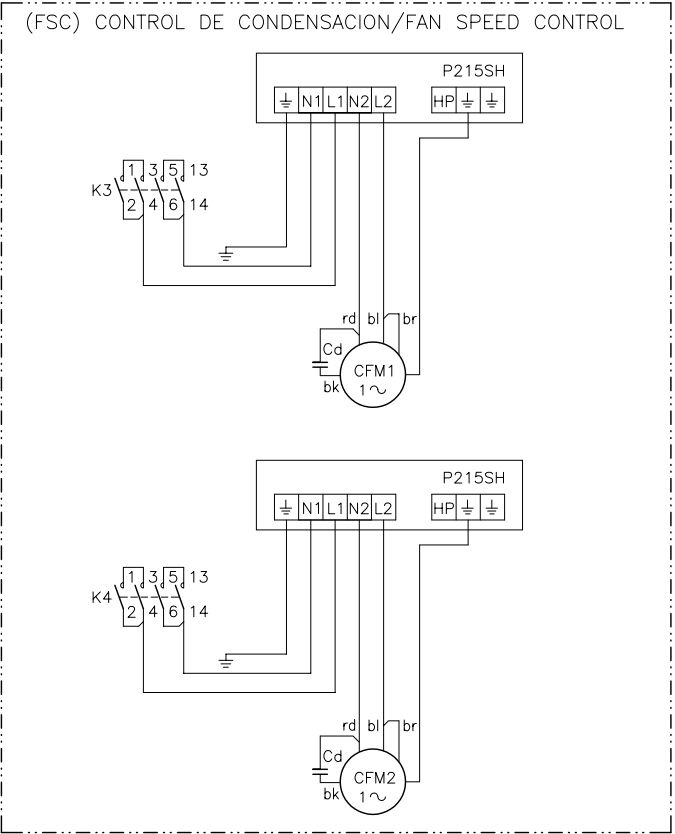
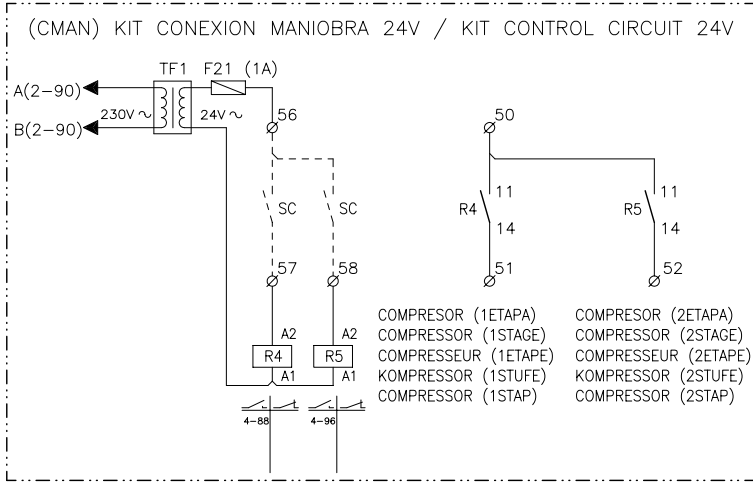
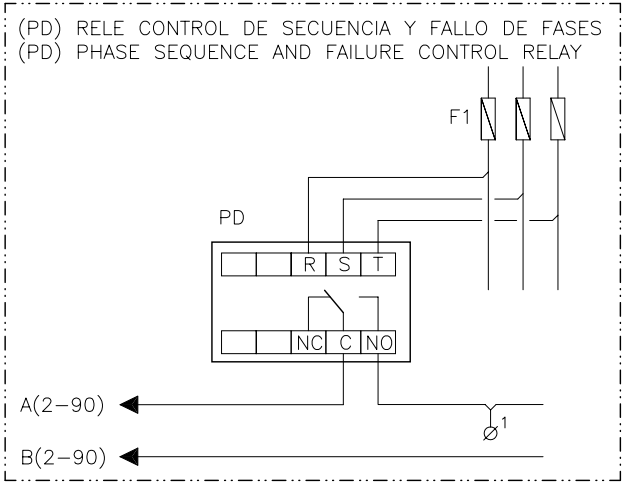
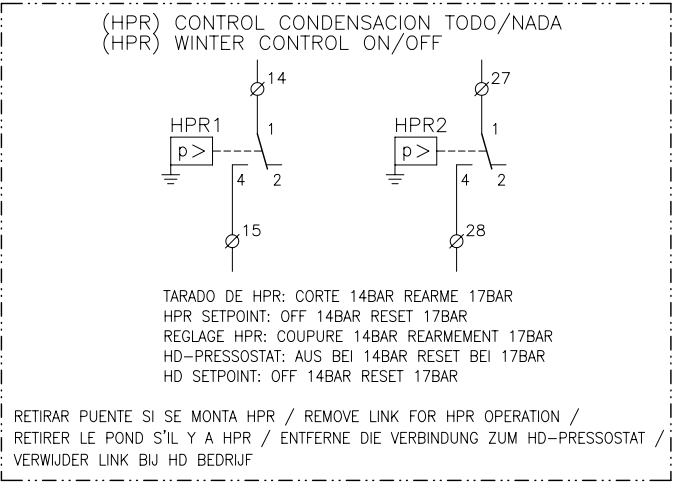


1 REARME ALARMA POR DESCONEXION ALIMENTACION/ABERTURA PUENTE REA
 ALARM RESET THROUGH SWITCH OFF POWER/OPENING JUMPER REA
 REARMEMENT DE DEFAULT PAR COUPTURE DE COURRANT ALIMENTATION/OUVERTURE DU POND REA
 ALARMRESET DURCH ABSCHALTEN DES STROMS/OFFNEN DES JUMPER S REA
 ALARM RESET DOOR UITSCHAKELLEN POWER/OPENING JUMPER REA

2 BORNAS DE CONEXION ELECTROVALVULA LINEA DE LIQUIDO EXTERNA
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 ANSTEUERUNG FLÜSSIGKEITSMAGNETVENTIL
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	LEYENDA	LEGEND	REFERENCE	LEGENDE	LEGENDA
Cd	Condensador	Condenser	Condenseur	Kondensator	Condensator
CH	Resistencia de carter	Crankcase heater	Résistance de carter	Kurbelwannenheizung	Carterverwarming
CFM	Motor ventilador exterior	Compressor fan motor	Moteur ventilateur extérieur	Kondensatorlüftermotor	Condensator ventilador motor
CM	Motor compresor	Compressor motor	Compresseur	Kompressor	Compressor motor
CMAN	Kit conexión maniobra 24V	Kit control circuit 24V	Kit circuit de control en 24V	Externe freigabe kompressor 24V	24V stuurstroomb kit
FSC	Control de condensación	Fan speed control	Variateur de vitesse du ventilateur	Kondensationsdruckregelung	Ventilator snelheidsregelaar
F1-3	Fusibles	Fuses	Fusibles	Sicherungen	Zekeringen
F11-12	Módulo protección compresor	Compresor protector module	Module protection du compresseur	Therm. kompressorrelais	Compressor beveiligings module
F13-14	Protección térmica	Thermal protection	Protection thermique	Therm. kompressorrelais	Compressor thermische beveiliging
F20	Magnetotérmico	Circuitbraker	Magneto thermique	Motorschutzschalter	Thermisch relais
HP1-2	Presostato de alta	High pressure pressostat	Pressostat HP	Hochdruckpressostat	Hoge druck pressostaat
HPR1-2	Control condensación TODO/NADA	Winter control ON/OFF	C. pression condensation ON/OFF	K. druckregelung ON/OFF	Winter regeling AAN/UIT
Ia(LRA)	Intensidad de arranque	Starting current	Intensité de démarrage	Anlaufstrom	Opstart stroom
Im(MCC)	Intensidad máxima	Maximum current	Intensité maximum	Maximale stromstärke	Maximaal stroom
K	Contacto	Contacteur	Contacteur	schütz	Relais
LP1-2	Presostato baja	Low pressure pressostat	Pressostat BP	Niederdruckpressostat	Lagedruk beveiling
PD	Relé control de secuencia-fallo de fases	Phase sequence and failure control relay	Détecteur de phase	Phasenfolgenüberwachung+Störemel	Fasevolgorde-foutcontrole relais
Q	Interruptor general	Main switch	Interrupteur général	Hauptschalter	Hoofdschakelaar
Q1	Interruptor diferencial	Ground safety switch	Interrupteur différentiel	Schalter	Aardlekschakelaar
Q2	Interruptor magnetotérmico	Circuit breaker	Interrupteur magneto thermique	Motorschutzschalter	Magneetschakelaar
REA	Rearme alarma	Alarm reset	Réarmement d'alarmes	Alarmreset	Alarm reset
R1	Relé rearme	Reset relay	Relais de réarmement	Resetrelais	Reset relais
R2-3	Relé señal de alarma	Alarm signal relay	Relais défaut à distance	Störmelderelais	Storingrelais
R4-5	Relé auxiliar	Auxiliary relay	Relais auxiliaire	Hilfsrelais	Aux. relais
SC	Conexión arranque	Start connection	Contact de demarrage	Freigabekontakt kompressor	Startcommando
SFS	Arrancador suave	Soft starter	Démarrreur progressif	Softstarter/Sanftanlauf	Soft starter
TF1	Transformador	Transformer	Transformateur	Transformator	Transformator
TR1-2	Temporizador	Timer	Temporisation	Schaltuhr	Timer
	CODIGO DE COLORES	COLOUR CODE	CODE COLEUR	FARBKENNUNG	KLEURCODE
bk	negro	black	noir	schwarz	zwart
br	marrón	brown	brun	braun	bruin
rd	rojo	red	rouge	rot	rood
or	naranja	orange	orange	orange	oranje
yl	amarillo	yellow	jaune	gelb	geel
gn	verde	green	vert	grün	groen
bl	azul	blue	bleu	blau	blauw
vi	violeta	violet	violet	viollet	violet
gr	gris	gray	gris	grau	grijs
wh	blanco	white	blanc	weiss	wit