

01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
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PRS 1	
B1	Sonde refoulement circuit 1 Discharge sensor circuit 1 Heissgasfühler Kreislauf 1
B2	Sonde aspiration circuit 1 Suction sensor circuit 1 Sauggasfühler Kreislauf 1
B3	Sonde huile circuit 1 Oil sensor circuit 1 Öltemp. Fühler Kreislauf 1
B5	Sonde entree eau evaporauteur Inlet water sensor evaporator Fühler Wassereintritt Verdampfer
B6	Sonde sortie eau evaporauteur Outlet water sensor evaporator Fühler Wasseraustritt Verdampfer
B7	Sonde sortie eau condenseur Outlet water sensor condenser Fühler Wasseraustritt Verflüssiger
B8	Sonde air exterieur External air sensor Ausserluftfühler
B9	Sonde entree eau condenseur Inlet water sensor condenser Fühler Wassereintritt Verflüssiger

DISPOSITION DES VANNES MAGNETIQUES
ARRANGEMENT OF SOLENOID VALVES
POSITION DER MAGNETVENTILE

COMPRESSEUR HSKC 64
COMPRESSOR HSKC 64
VERDICHTER HSKC 64

YR1 OU YR3 = CR2
YR2 OU YR4 = CR1

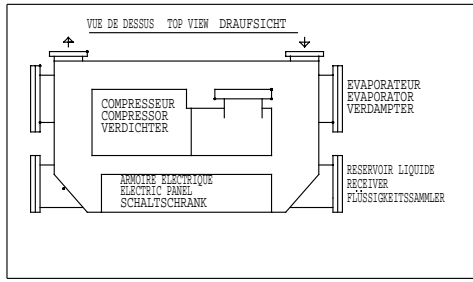
COMPRESSEUR HSKC 74
COMPRESSOR HSKC 74
VERDICHTER HSKC 74

YR1 OU YR3 = CR1
YR2 OU YR4 = CR2

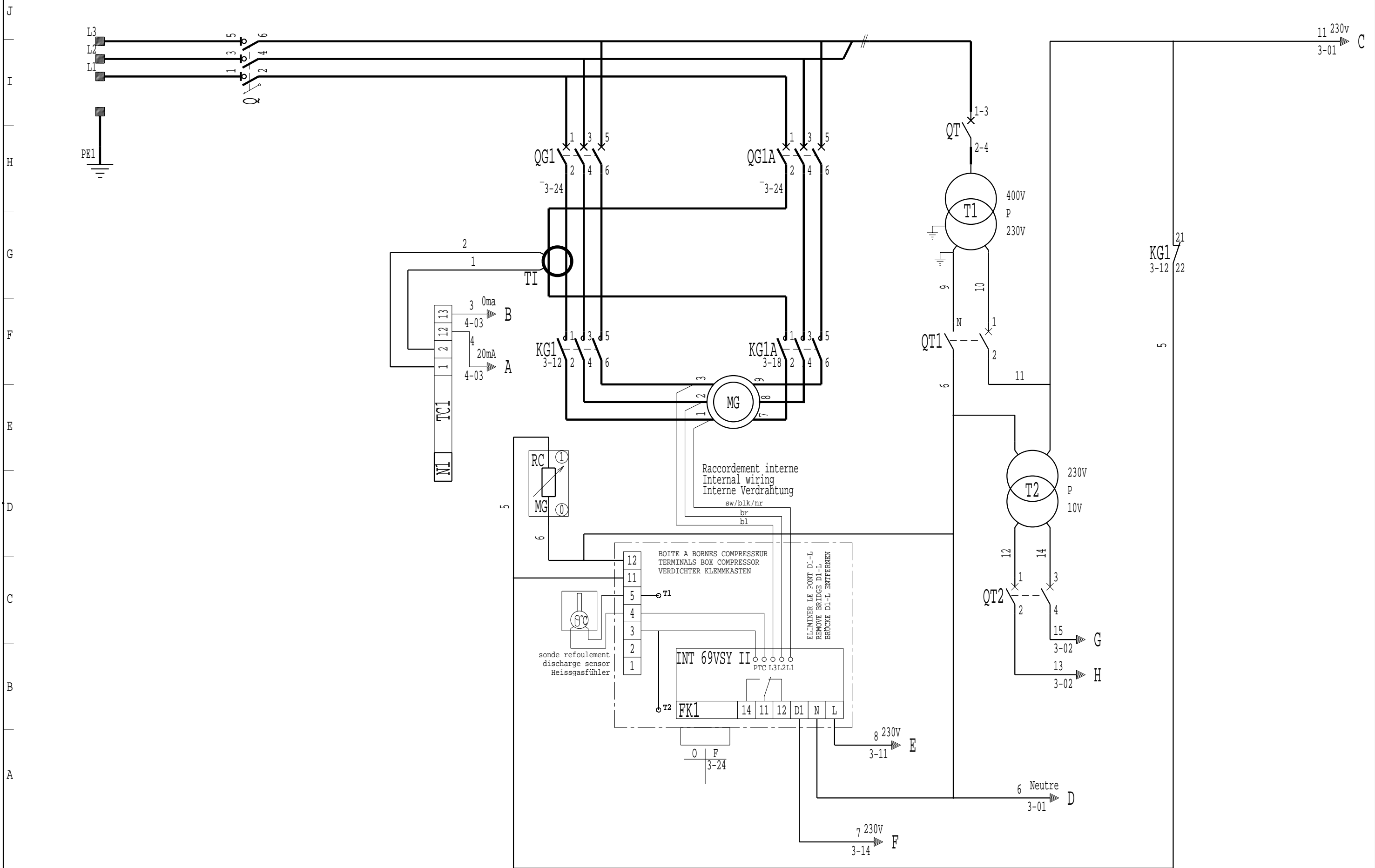
VANNES ELECTRIQUES
SOLENOID VALVES
MAGNETVENTILE

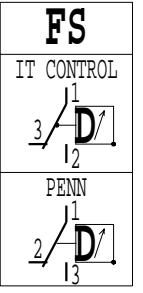
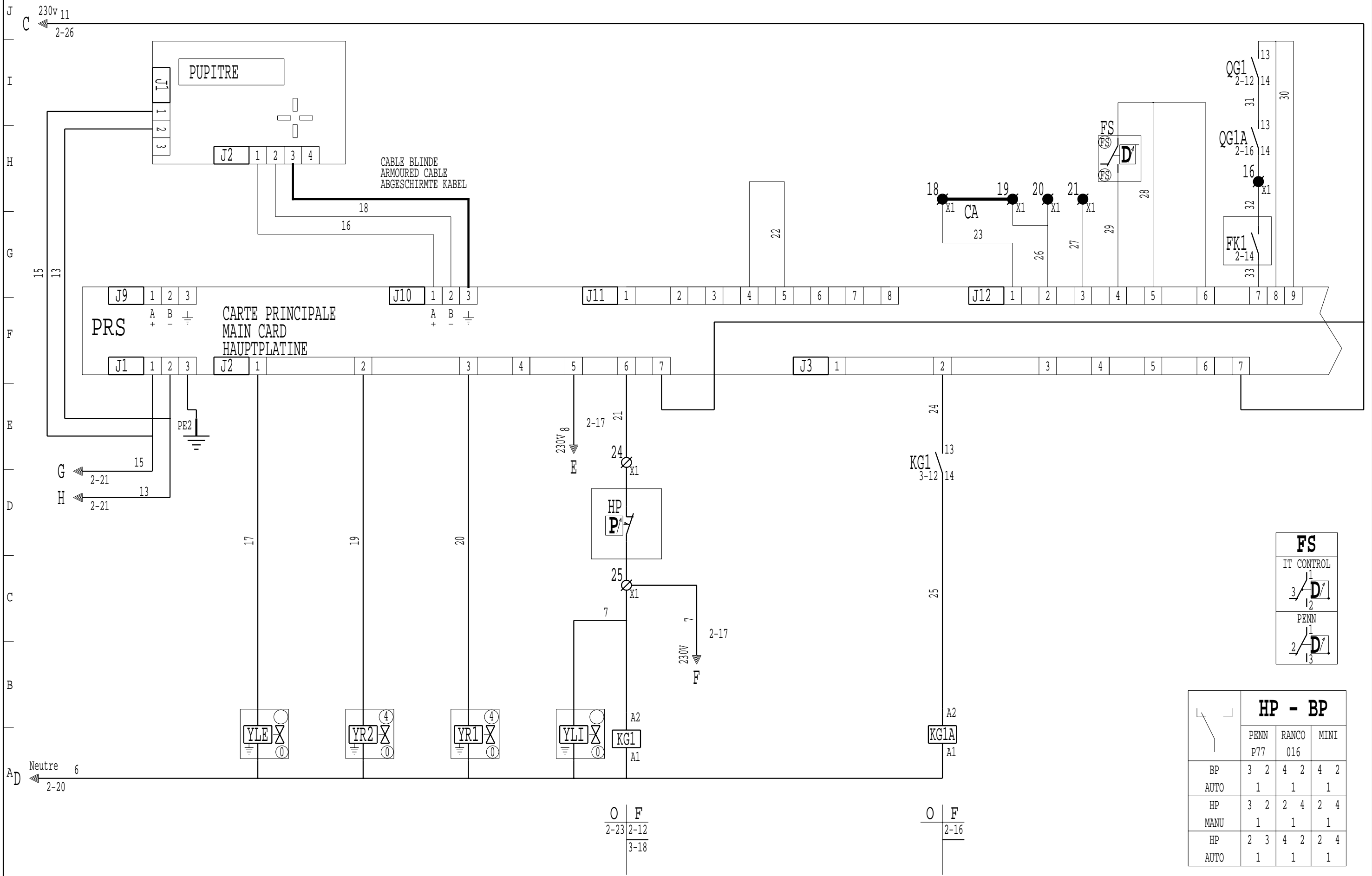
DETAIL COMPRESSEUR
COMPRESSOR DETAIL
DETAIL VERDICHTER

(VUE DE DESSUS)
(TOP VIEW)
(DRAUFSICHT)



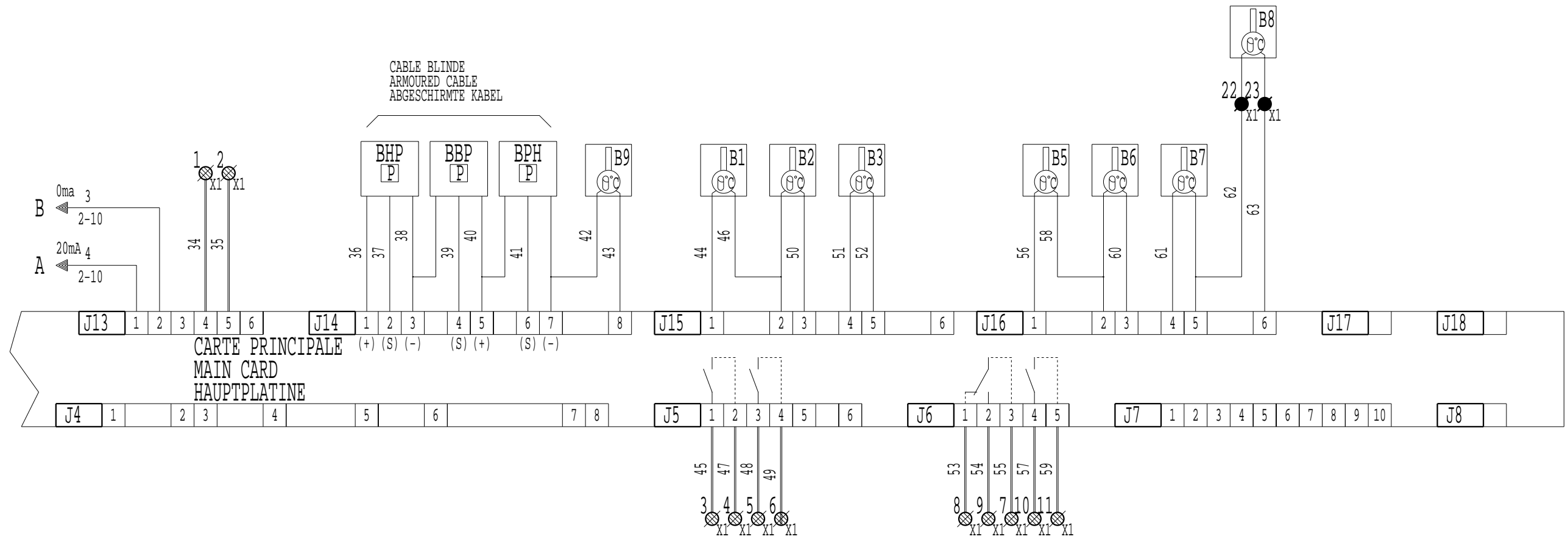
MODIFIE PAR: MODIFIED BY: GEANDERT DURCH:	INDEX INDEX KENNZIFFER	DATE DATE DATUM	FILS NUMEROTES EN OPTION NUMBERING OF WIRING IN OPTION OPTION KABEL NUMMERIERUNG	APPAREIL OU UNITE/UNIT/GERAT ODER EINHEIT LW-LWP 700 A 900
MODIFICATION A FONCTION ECOCIAT ET INJECTION SUR PRS1 - NOUVEAU CODE PRS1 -			LEGENDE /LEGEND/LEGENDE 3950010.36	SPECIFICATION/SPECIFICATION/SPEZIFIZIERUNG 1 COMPRESSEUR - 1 CIRCUIT PRS1 1 COMPRESSOR 1 CIRCUIT 1 VERDICHTER 1 KREISLAUF
REPLACE/TAKE/ERSETZT 3980534	REPLACE PAR/TAKE BY/ERSETZT DURCH	CLIENT/CLIENT/KUNDE	REFERENCE/REFERENCE/REFERENZ	CREATEUR: CREATOR: HERSTELLER: HD
REFERENCES COMMANDE/ORDER REFERENCES/AUFTRAGSREFERENZ		DEMARRAGE/START/ANLAUF	TENSION/VOLTAGE/SPANNUNG	DATE: DATE: DATUM: 12-09-00
COMPAGNIE INDUSTRIELLE D'APPLICATIONS THERMIQUES			CIAT	FOLIO/FOLIO/SEITE 1 / 7
NUMERO DE SCHEMA/DRAWING NUMBER/PLAN NR			INDICE/INDEX/KENNZIFFER	3981068
				00





	HP - BP					
	PENN P77		RANCO 016		MINI	
BP	3	2	4	2	4	2
AUTO	1		1		1	
HP	3	2	2	4	2	4
MANU	1		1		1	
HP	2	3	4	2	2	4
AUTO	1		1		1	

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P	BBP-BHP-BH	
	DANFOSS	HUBA
0 V (-)	2	3
5 V (+)	1	1
S ↗	3	2

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RACCORDMENTS USINE
FACTORY CONNECTION
WERKSEITIGE VERDRAHTUNG

RACCORDMENTS CLIENT
CONNECTED BY CUSTOMER
ANSCHLUSS-KUNDE

X1

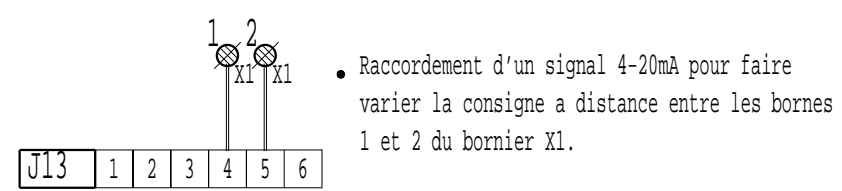
4-05	1	}	COMMANDE A DISTANCE 4-20mA
4-05	2		REMOTE CONTROL 4-20mA STUEBERSTROM
4-12	3	}	SIGNALISATION PUISSANCE GROUPE 100%
4-12	4		POWER INDICATOR UNIT 100% ANZEIGE LEISTUNGSSTUFE 100%
4-13	5	}	SIGNALISATION PUISSANCE GROUPE 50%
4-13	6		POWER INDICATOR UNIT 50% ANZEIGE LEISTUNGSSTUFE 50%
4-16	7	}	CONTACT DE SIGNALISATION DEFAUT
4-16	8		DEFECT INDICATOR CONTACT
4-16	9		STORMELDEKONTAKT
4-17	10	}	COMMANDE FORCEE DES POMPES
4-17	11		FORCED PUMPS RUN WASSERPUMPENSTEUERUNG
3-24	16		
3-18	18	}	COMMANDE D'AUTOMATICITE
3-20	19		AUTOMATIC CONTROL EXTERNE FREIGABE
3-20	20	}	SELECTION CONSIGNE 1/CONSIGNE 2
3-21	21		ORDER 1/ORDER 2 SELECTION AUSWAHL SOLLWERT 1/SOLLWERT 2
4-20	22	}	SONDE AIR EXTERIEUR
4-20	23		EXTERNAL AIR SENSOR AUSSENLUFTFUHLER
		3-12	
		3-12	

PRESSOSTAT HP MANUEL CIRCUIT 1
HP MANUAL PRESSOSTAT CIRCUIT 1
MANUELLER HD PRESSOSTAT KREISLAUF 1

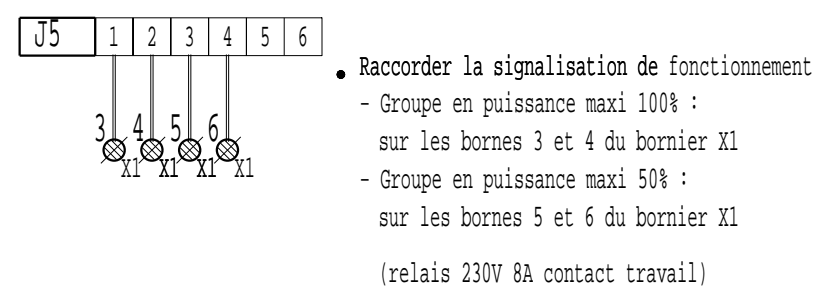


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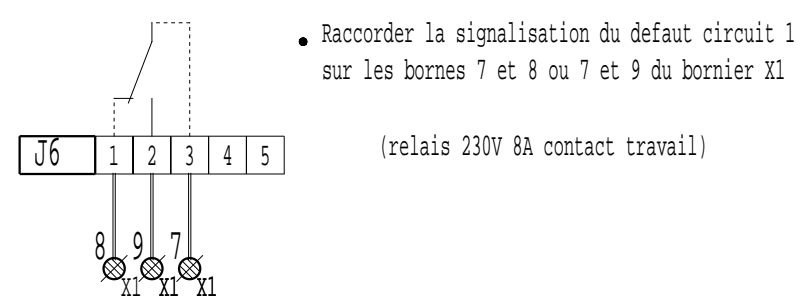
VARIATION DE CONSIGNE A DISTANCE



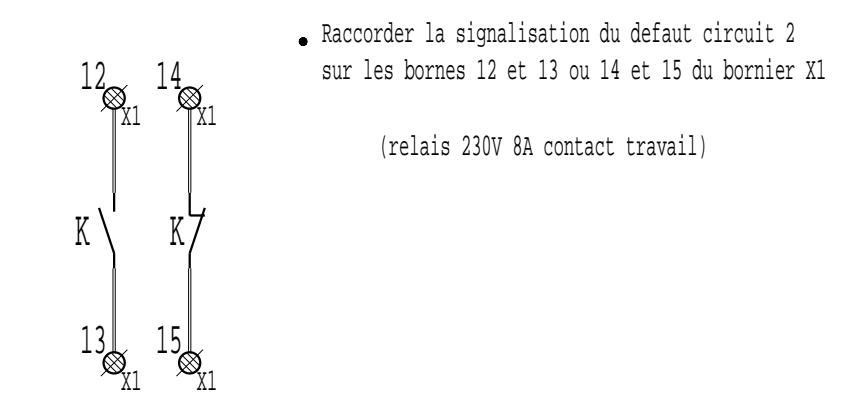
SIGNALISATION PUISSANCE GROUPE



DEFAULT GROUPE CIRCUIT 1



DEFAULT GROUPE CIRCUIT 2



REMOTE SETTING

• A 4-20mA signal, must be connected between terminals 1 and 2 on connector X1 for the modification of the set point .

POWER INDICATOR UNIT

• The controle device must be connected to :
- terminals 3 and 4 on connector X1 for the power indicator unit 100%
- terminals 5 and 6 on connector X1 for the power indicator unit 50%
(relay 230V 8A)

UNIT DEFECT CIRCUIT 1

• The fault or not-fault information on the unit can be recover on terminals 7 and 8 or 7 and 9 connector X1
(relay 230V 8A)

UNIT DEFECT CIRCUIT 2

• The fault or not-fault information on the unit can be recover on terminals 12 and 13 or 14 and 15 connector X1
(relay 230V 8A)

PRS

STEUERSTROM (Sollwert)

• Der Modul 4-20mA Signal wird an den klemmen 1 und 2 Anschlüsse X1 angeschlossen

ANZEIGE LEISTUNGSSTUFE

• Anzeige Leistungsstufe 100%
- Der Kontakt wird an den Klemmen 3 und 4 der Anschlüsse X1 angeschlossen
Anzeige Leistungsstufe 50%
- Der Kontakt wird an den Klemmen 5 und 6 der Anschlüsse X1 angeschlossen
(Relais 230V 8A)

STÖRMELDEKONTAKT KREISLAUF 1

• Die Störungsmeldung wird an den Klemmen 7 und 8 oder 7 und 9 der Anschlüsse X1 angeschlossen
(Relais 230V 8A)

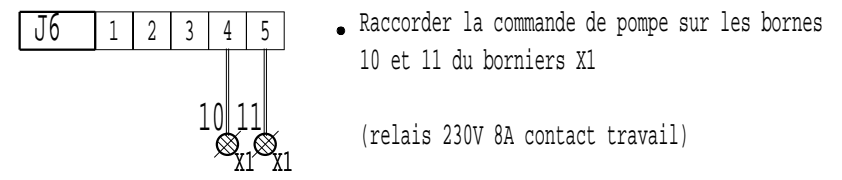
STÖRMELDEKONTAKT KREISLAUF 2

• Die Störungsmeldung wird an den Klemmen 12 und 13 oder 14 und 15 der Anschlüsse X1 angeschlossen
(Relais 230V 8A)

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COMMANDE DE POMPE



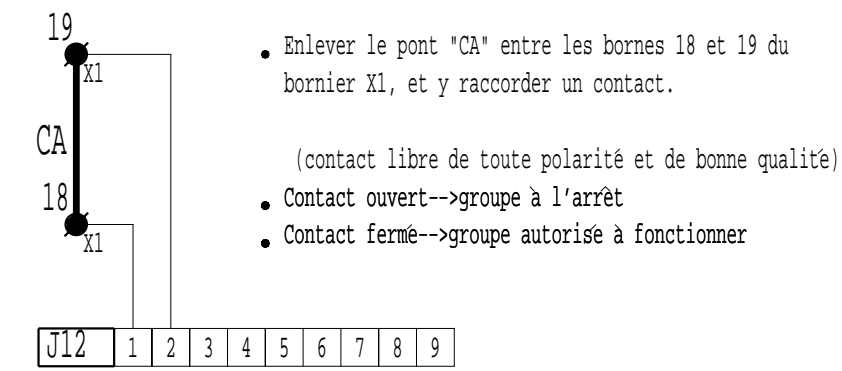
PUMP CONTROL

• The pump control must be connected between terminals 10 and 11 on connector X1
(relay 230V 8A)

PUMPENSTEUERUNG

• Der Kontakt wird an den Klemmen 10 und 11 der Anschlüsse X1 angeschlossen
(Relais 230V 8A)

COMMANDE D'AUTOMATICITE



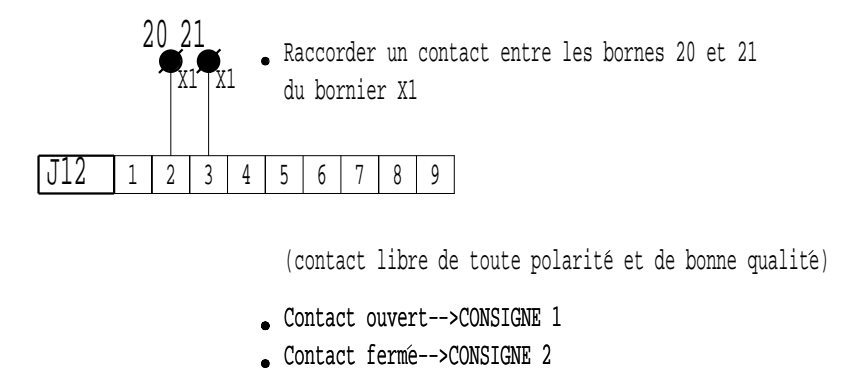
AUTOMATIC CONTROL

• The shunt "CA" on terminals 18 and 19 of connector X1, must be lifted and the contact connected.
(contact must be polarity free and of good quality)
• Contact open-->unit off-line
• Contact closed-->unit on-line

EXTERNE FREIGABE

• Die Brücke "CA" an den Klemmen 18 und 19 am Anschluss X1 entfernen und externen Kontakt anschliessen.
(Kontakt unbedingt potentialfrei anschliessen)
• Kontakt offen-->Gerät abgeschaltet
• Kontakt geschlossen-->Gerät in Betrieb

SELECTION CONSIGNE 1 OU 2



SETTING 1 OR 2 SELECTION

• The controle must be connected to terminals 20 and 21 connector X1
(contact must be polarity free and of good quality)
• Contact open-->SETTING 1 operation
• Contact closed-->SETTING 2 operation

AUSWAHL SOLLWERT 1 ODER 2

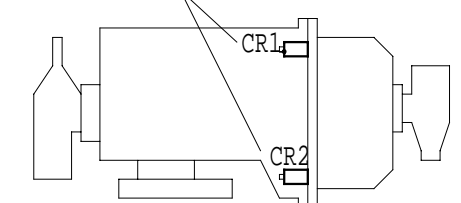
• Der Kontakt wird an den Klemmen 20 und 21 der Anschlüsse X1 angeschlossen
(Kontakt unbedingt potentialfrei anschliessen)
• Kontakt offen-->Sollwert 1
• Kontakt geschlossen-->Sollwert 2

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**DISPOSITION DES VANNES MAGNETIQUES
ARRANGEMENT OF SOLENOID VALVES
POSITION DER MAGNETVENTILE**

COMPRESSEUR HSKC 64 } YR1 OU YR3 = CR2
 COMPRESSOR HSKC 64 } YR2 OU YR4 = CR1
 VERDICHTER HSKC 64 }

 COMPRESSEUR HSKC 74 } YR1 OU YR3 = CR1
 COMPRESSOR HSKC 74 } YR2 OU YR4 = CR2
 VERDICHTER HSKC 74 }
 VANNES ELECTRIQUES
 SOLENOID VALVES
 MAGNETVENTILE

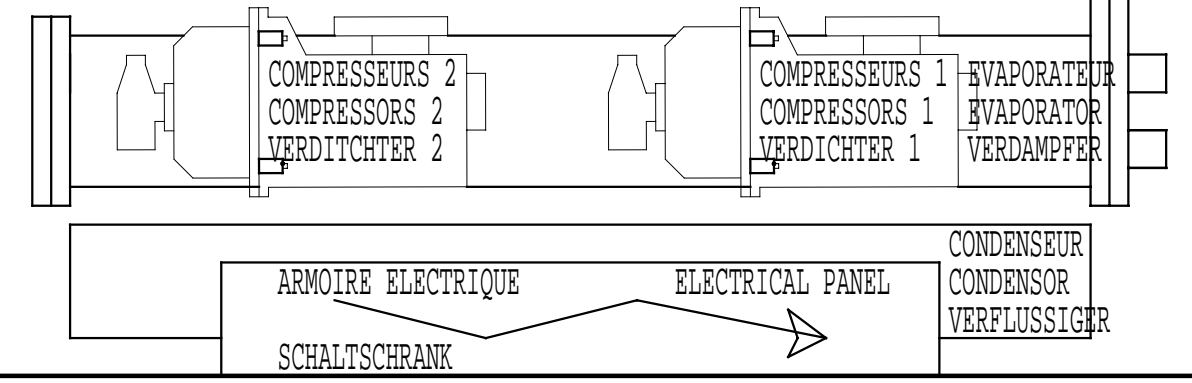


**DETAIL COMPRESSEUR
COMPRESSOR DETAIL
DETAIL VERDICHTER** (VUE DE DESSUS)
(TOP VIEW)
(DRAUFSICHT)

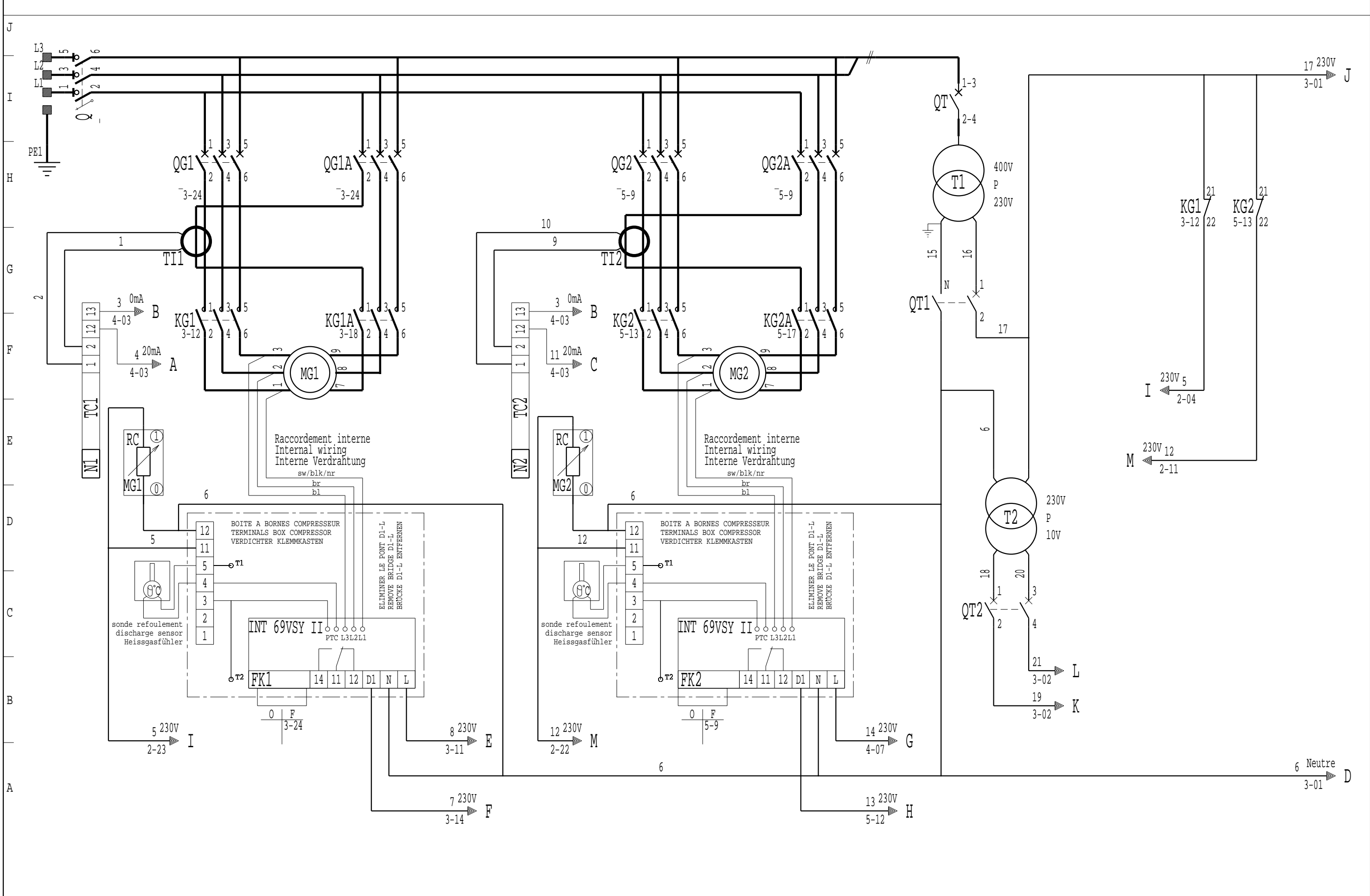
PRS 1

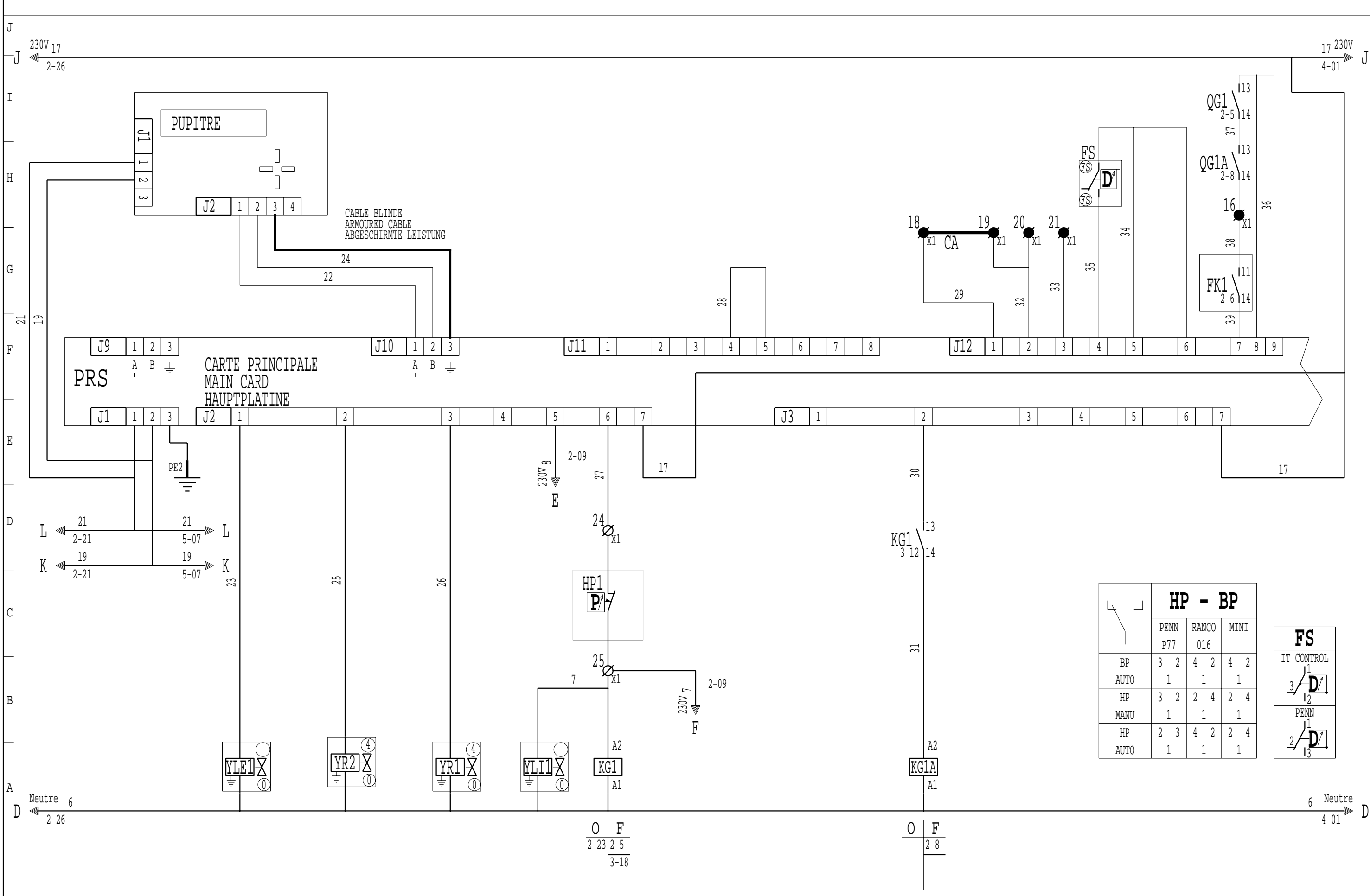
B1	Sonde refoulement circuit 1 Discharge sensor circuit 1 Heissgasfühler Kreislauf 1
B2	Sonde aspiration circuit 1 Suction sensor circuit 1 Sauggasfühler Kreislauf 1
B3	Sonde huile circuit 1 Oil sensor circuit 1 Öltemp. Fühler Kreislauf 1
B4	Sonde refoulement circuit 2 Discharge sensor circuit 2 Heissgasfühler Kreislauf 2
B5	Sonde entree eau evapourateur Inlet water sensor evaporator Fühler Wassereintritt Verdampfer
B6	Sonde sortie eau evapourateur Outlet water sensor evaporator Fühler Wasseraustritt Verdampfer
B7	Sonde sortie eau condenseur Outlet water sensor condenser Fühler Wasseraustritt Verflüssiger
B8	Sonde air exterieur External air sensor Aussenluftfühler
B9	Sonde entree eau condenseur Inlet water sensor condenser Fühler Wassereintritt Verflüssiger
B10	Sonde aspiration circuit 2 Suction sensor circuit 2 Sauggasfühler Kreislauf 2
B11	Sonde huile circuit 2 Oil sensor circuit 2 Öltemp. Fühler Kreislauf 2

**IMPLANTATION MATERIEL
LAY-OUT MATERIAL
BODENAUFSTELLUNG**



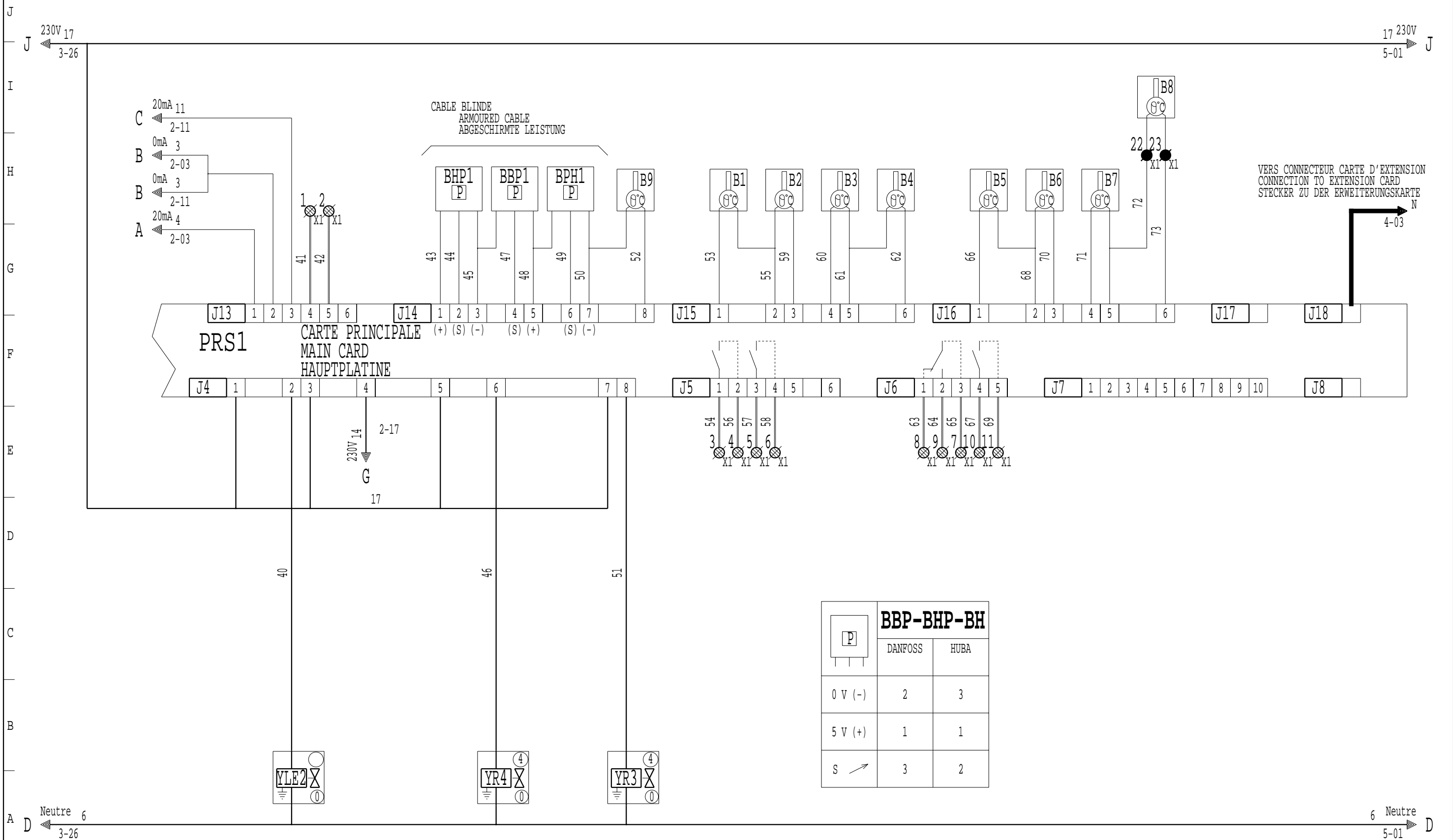
MODIFIE PAR: MODIFIED BY: GEANDERT DURCH:		INDICE INDEX KENNZIFFER	DATE DATE DATUM	FILS NUMEROTES EN OPTION NUMBERING OF WIRING IN OPTION OPTION KABEL NUMMERIERUNG		APPAREIL OU UNITE/UNIT/GERAT ODER EINHEIT LW-LWP 1000 A 1800	
MODIFICATION A FONCTION ECOCIAT ET INJECTION SUR PRS1 - NOUVEAU CODE PRS1			LEGENDE/LEGEND/LEGENDE 3950010.36	SPECIFICATION/SPECIFICATION/SPEZIFIZIERUNG 2 COMPRESSEURS - 2 CIRCUITS 2 COMPRESSORS 2 CIRCUITS 2 VERDICHTERN 2 KREISLAUFE		PRS1	
REPLACE/TAKE/ERSETZT 3980538		REPLACE PAR/TAKE BY/ERSERTZT DURCH		CLIENT/CLIENT/KUNDE	REFERENCE/REFERENCE/REFERENZ	CREATEUR: CREATOR: HERSTELLER: HD	DATE: DATE: DATUM: 12-09-00
REFERENCES COMMANDE/ORDER REFERENCES/AUFTRAGSREFERENZ				DEMARRAGE/START/ANLAUF	TENSION/VOLTAGE/SPANNNUNG	COMPAGNIE INDUSTRIELLE D'APPLICATIONS THERMIQUES CIAT	FOLIO/FOLIO/SEITE 1 / 8
						NUMERO DE SCHEMA/DRAWING NUMBER/PLAN NR 3981069	INDICE/INDEX/KENNZIFFER 00

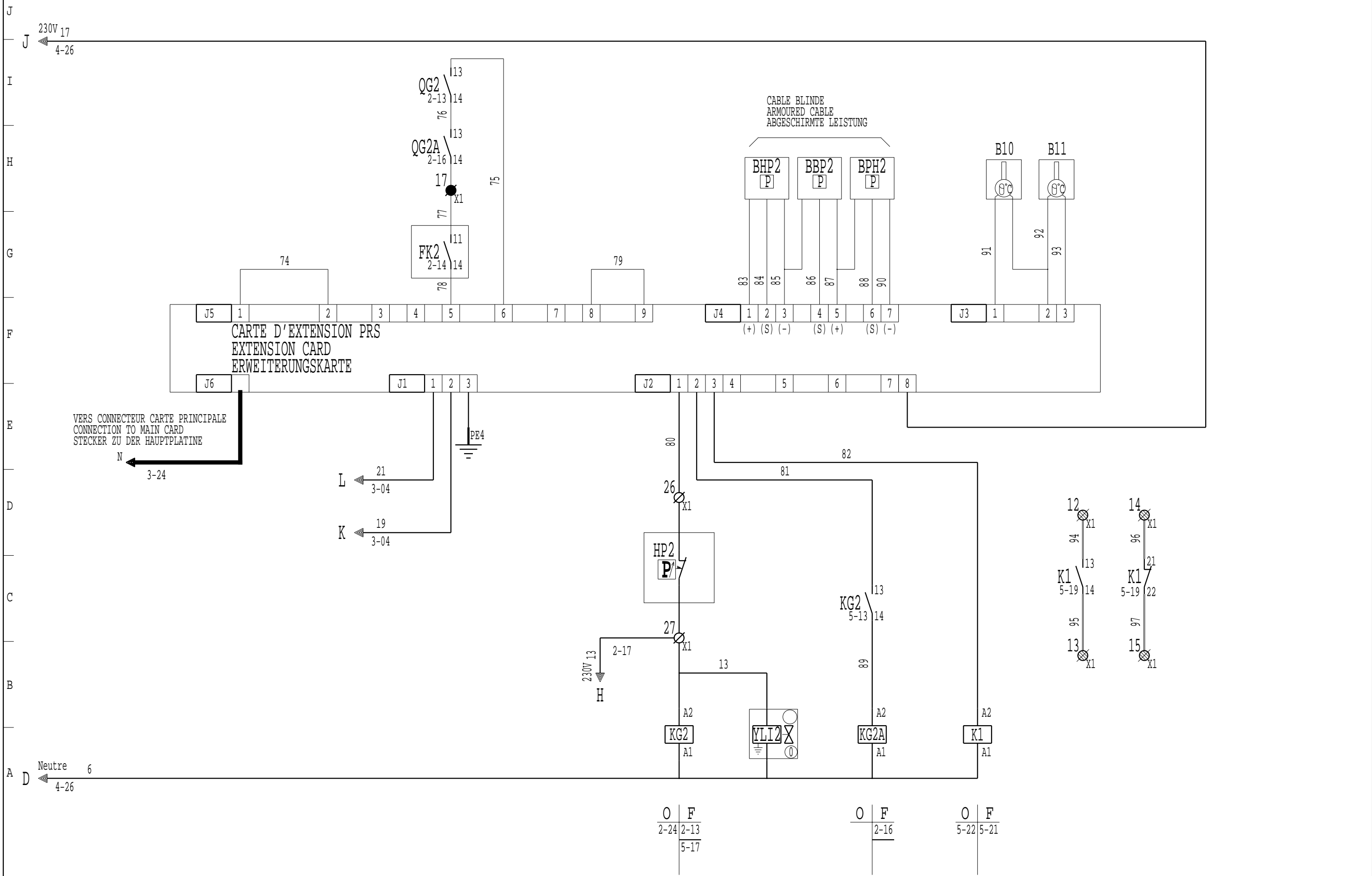




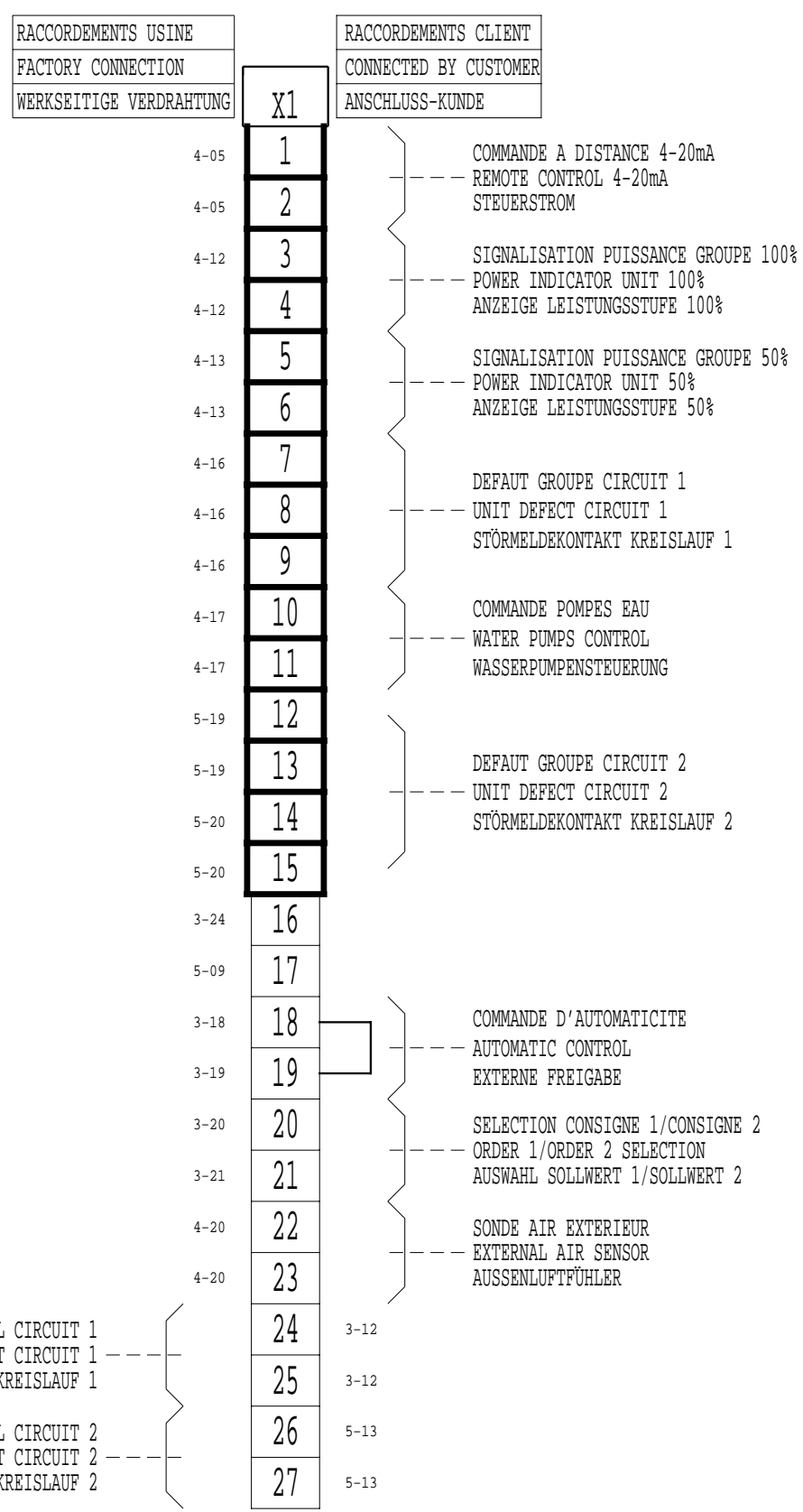
	HP - BP					
	PENN P77		RANCO 016		MINI	
BP	3	2	4	2	4	2
AUTO	1		1		1	
HP	3	2	2	4	2	4
MANU	1		1		1	
HP	2	3	4	2	2	4
AUTO	1		1		1	

FS	
IT CONTROL	1/2
PENN	2/13



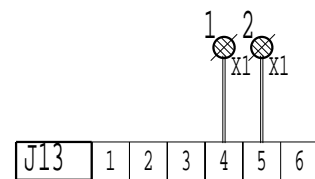


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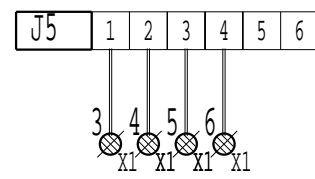
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VARIATION DE CONSIGNE A DISTANCE



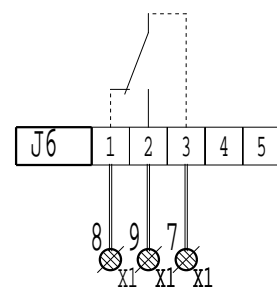
• Raccordement d'un signal 4-20mA pour faire varier la consigne a distance entre les bornes 1 et 2 du bornier X1.

SIGNALISATION PUISSANCE GROUPE



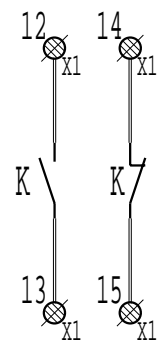
• Raccorder la signalisation de fonctionnement
- Groupe en puissance maxi 100% : sur les bornes 3 et 4 du bornier X1
- Groupe en puissance maxi 50% : sur les bornes 5 et 6 du bornier X1
(relais 230V 8A contact travail)

DEFAULT GROUPE CIRCUIT 1



• Raccorder la signalisation du default circuit 1 sur les bornes 7 et 8 ou 7 et 9 du bornier X1
(relais 230V 8A contact travail)

DEFAULT GROUPE CIRCUIT 2



• Raccorder la signalisation du default circuit 2 sur les bornes 12 et 13 ou 14 et 15 du bornier X1
(relais 230V 8A contact travail)

REMOTE SETTING

• A 4-20mA signal, must be connected between terminals 1 and 2 on connector X1 for the modification of the set point .

POWER INDICATOR UNIT

• The controle device must be connected to :
- terminals 3 and 4 on connector X1 for the power indicator unit 100%
- terminals 5 and 6 on connector X1 for the power indicator unit 50%
(relay 230V 8A)

UNIT DEFECT CIRCUIT 1

• The fault or not-fault information on the unit can be recover on terminals 7 and 8 or 7 and 9 connector X1
(relay 230V 8A)

UNIT DEFECT CIRCUIT 2

• The fault or not-fault information on the unit can be recover on terminals 12 and 13 or 14 and 15 connector X1
(relay 230V 8A)

PRS

STEUERSTROM (Sollwert)

• Der Modul 4-20mA Signal wird an den klemmen 1 und 2 Anschlüsse X1 angeschlossen

ANZEIGE LEISTUNGSSTUFE

• Anzeige Leistungsstufe 100%
- Der Kontakt wird an den Klemmen 3 und 4 der Anschlüsse X1 angeschlossen
Anzeige Leistungsstufe 50%
- Der Kontakt wird an den Klemmen 5 und 6 der Anschlüsse X1 angeschlossen
(Relais 230V 8A)

STÖRMELDEKONTAKT KREISLAUF 1

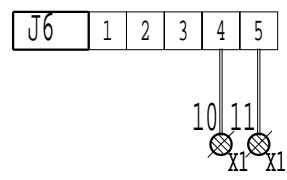
• Die Störungsmeldung wird an den Klemmen 7 und 8 oder 7 und 9 der Anschlüsse X1 angeschlossen
(Relais 230V 8A)

STÖRMELDEKONTAKT KREISLAUF 2

• Die Störungsmeldung wird an den Klemmen 12 und 13 oder 14 und 15 der Anschlüsse X1 angeschlossen
(Relais 230V 8A)

PRS

COMMANDE DE POMPE



- Raccorder la commande de pompe sur les bornes 10 et 11 du borniers X1
- (relais 230V 8A contact travail)

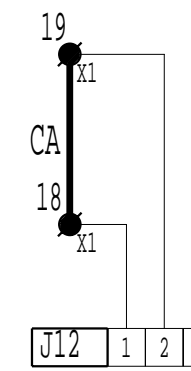
PUMP CONTROL

- The pump control must be connected between terminals 10 and 11 on connector X1
- (relay 230V 8A)

PUMPENSTEUERUNG

- Der Kontakt wird an den Klemmen 10 und 11 der Anschlüsse X1 angeschlossen
- (Relais 230V 8A)

COMMANDE D'AUTOMATICITE



- Enlever le pont "CA" entre les bornes 18 et 19 du bornier X1, et y raccorder un contact.
- (contact libre de toute polarité et de bonne qualité)
- Contact ouvert-->groupe à l'arrêt
- Contact fermé-->groupe autorisé à fonctionner

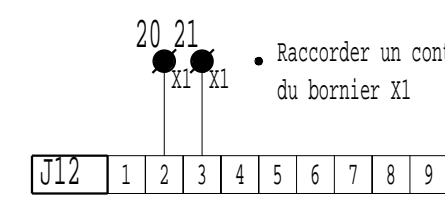
AUTOMATIC CONTROL

- The shunt "CA" on terminals 18 and 19 of connector X1, must be lifted and the contact connected.
- (contact must be polarity free and of good quality)
- Contact open-->unit off-line
- Contact closed-->unit on-line

EXTERNE FREIGABE

- Die Brücke "CA" an den Klemmen 18 und 19 am Anschluss X1 entfernen und externen Kontakt anschliessen.
- (Kontakt unbedingt potentialfrei anschliessen)
- Kontakt offen-->Gerät abgeschaltet
- Kontakt geschlossen-->Gerät in Betrieb

SELECTION CONSIGNE 1 OU 2



- Raccorder un contact entre les bornes 20 et 21 du bornier X1
- (contact libre de toute polarité et de bonne qualité)
- Contact ouvert-->CONSIGNE 1
- Contact fermé-->CONSIGNE 2

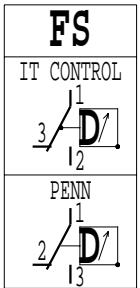
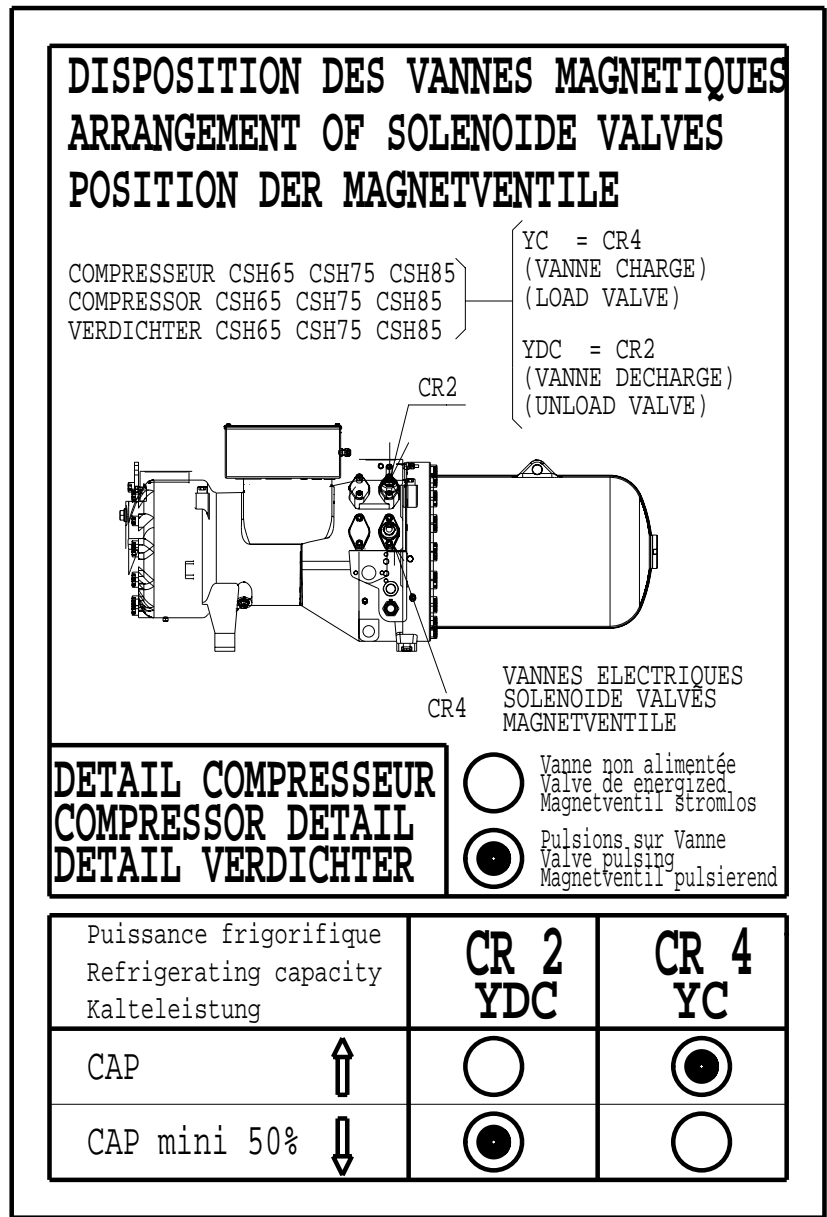
SETTING 1 OR 2 SELECTION

- The controle must be connected to terminals 20 and 21 connector X1
- (contact must be polarity free and of good quality)
- Contact open-->SETTING 1 operation
- Contact closed-->SETTING 2 operation

AUSWAHL SOLLWERT 1 ODER 2

- Der Kontakt wird an den Klemmen 20 und 21 der Anschlüsse X1 angeschlossen
- (Kontakt unbedingt potentialfrei anschliessen)
- Kontakt offen-->Sollwert 1
- Kontakt geschlossen-->Sollwert 2

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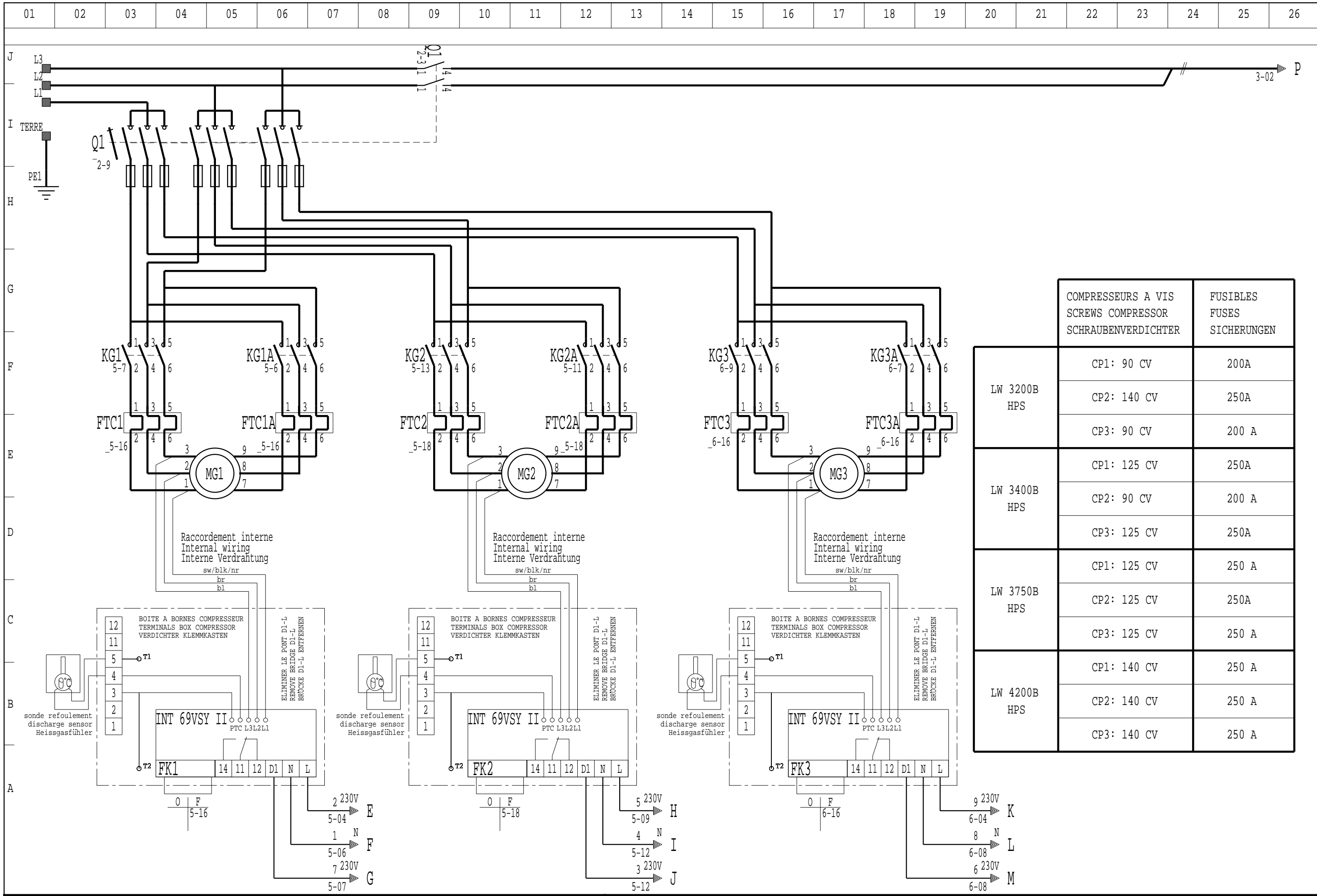


P	BBP-BHP-BH		
	TI	HUBA	DANFOSS
0 V (-)	Noir black Schwarz	3	2
5 V (+)	rouge red rot	1	1
S ↗	vert green grün	2	3

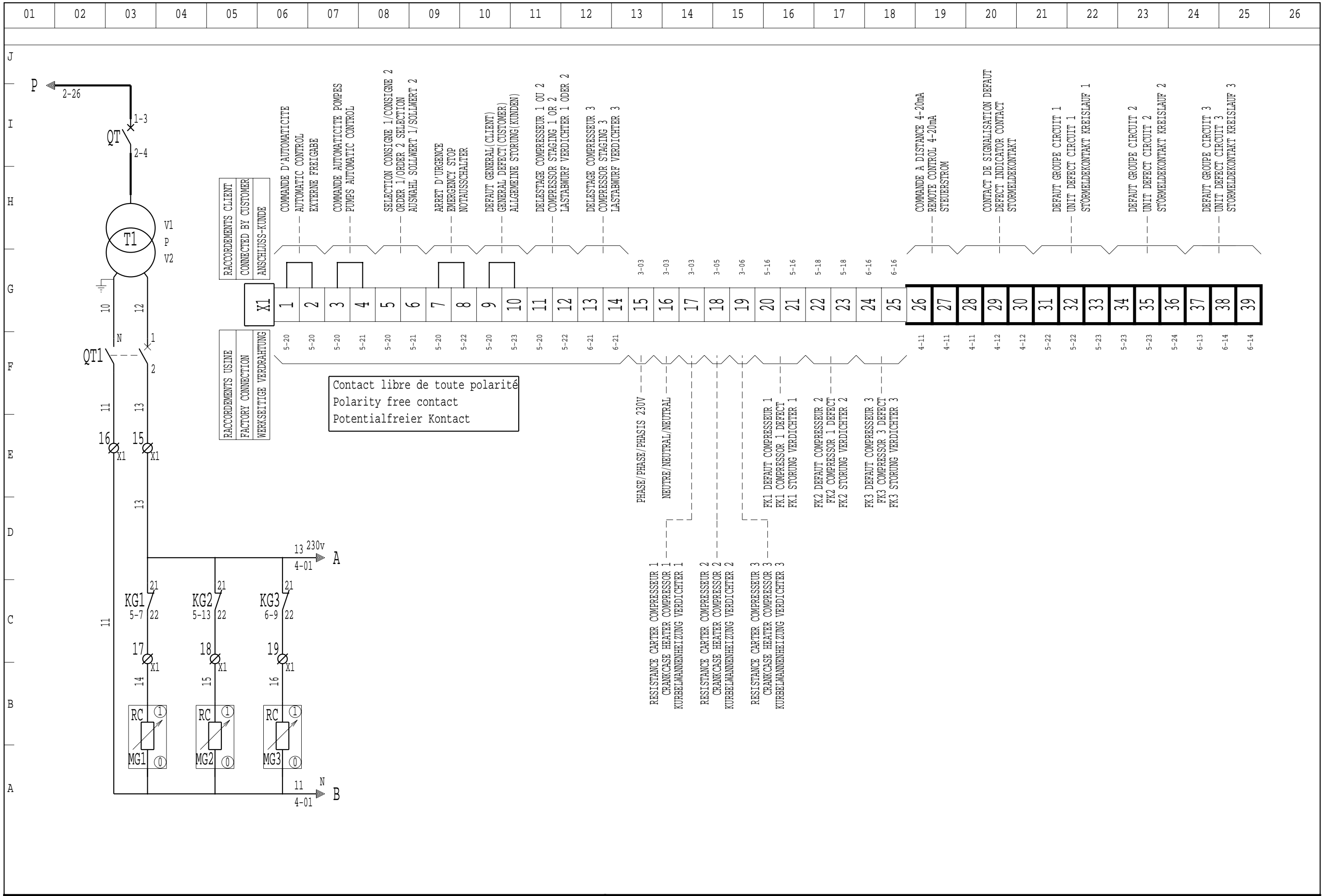
HP - BP	PENN			RANCO			MINI		
	P77		016						
BP	3	2	4	2	4	2	4	2	4
AUTO	1		1		1		1		1
HP	3	2	2	4	2	4	2	4	4
MANU	1		1		1		1		1
HP	2	3	4	2	2	4	2	4	4
AUTO	1		1		1		1		1

XTRA-CONNECT	
B1	Sonde air extérieur External air sensor Aussenluftfühler
B2	Sonde entree eau evapourateur Inlet water sensor evaporator Fühler Wassereintritt Verdampfer
B3	Sonde sortie eau evapourateur Outlet water sensor evaporator Fühler Wasseraustritt Verdampfer
B5	Sonde entree eau condenseur Inlet water sensor condensor Fühler Wassereintritt Verflüssiger
B6	Sonde sortie eau condenseur Outlet water sensor condensor Fühler Wasseraustritt Verflüssiger
B7	Sonde refoulement circuit 1 Discharge sensor circuit 1 Heissgasfühler Kreislauf 1
B9	Sonde aspiration circuit 1 Suction sensor circuit 1 Säuggasfühler Kreislauf 1
B12	Sonde refoulement circuit 2 Discharge sensor circuit 2 Heissgasfühler Kreislauf 2
B15	Sonde aspiration circuit 2 Suction sensor circuit 2 Säuggasfühler Kreislauf 2
B16	Sonde refoulement circuit 3 Discharge sensor circuit 3 Heissgasfühler Kreislauf 3
B17	Sonde aspiration circuit 3 Suction sensor circuit 3 Säuggasfühler Kreislauf 3

MODIFIE PAR: MODIFIED BY: GEANDERT DURCH: HD	INDICE INDEX KENNZIFFER 04	DATE DATE DATUM 14-04-03	FILS NUMEROTES NUMBERING OF WIRING KABEL NUMMERIERUNG	APPAREIL OU UNITE/UNIT/GERAT ODER EINHEIT HYDROCIAT LW-LWP 3200B A 4200B
MODIFICATION A BORNIS ET NUMEROS CONTACT FTC1 FTC2 FTC3			LEGENDE/LEGEND/LEGENDE 3950010.36	SPECIFICATION/SPECIFICATION/SPEZIFIZIERUNG 3 COMPRESSEURS 3 CIRCUITS 3 COMPRESSORS 3 CIRCUITS 3 VERDICHTERN 3 KREISLAUFE XTRA-CONNECT
REPLACE/TAKE/ERSETZT	REPLACE PAR/TAKE BY/ERSETZT DURCH	CLIENT/CLIENT/KUNDE	REFERENCE/REFERENCE/REFERENZ	CREATEUR: CREATOR: HERSTELLER: OL
				DATE: DATE: DATUM: 07-02-02
REFERENCES COMMANDE/ORDER REFERENCES/AUFTRAGSREFERENZ/REFERENCIA PEDIDO		DEMARRAGE/START/ANLAUF/ARRANQUE	TENSION/VOLTAGE/SPANNUNG	COMPAGNIE INDUSTRIELLE D'APPLICATIONS THERMIQUES CIAT
				FOLIO/FOLIO/SEITE No SCHEMA/DRAWING NB/PLAN NR/NO ESQUEMA 1 / 6
				3981211
				INDICE/INDEX/KENNZIFFER/INDICIO 04



	COMPRESSEURS A VIS SCREWS COMPRESSOR SCHRAUBENVERDICHTER	FUSIBLES FUSES SICHERUNGEN
LW 3200B HPS	CP1: 90 CV	200A
	CP2: 140 CV	250A
	CP3: 90 CV	200 A
LW 3400B HPS	CP1: 125 CV	250A
	CP2: 90 CV	200 A
	CP3: 125 CV	250A
LW 3750B HPS	CP1: 125 CV	250 A
	CP2: 125 CV	250A
	CP3: 125 CV	250 A
LW 4200B HPS	CP1: 140 CV	250 A
	CP2: 140 CV	250 A
	CP3: 140 CV	250 A



Contact libre de toute polarité
Polarity free contact
Potentialfreier Kontakt

RACCORDEMENTS USINE
FACTORY CONNECTION
WERKSEITIGE VERDRÄHTUNG

RACCORDEMENTS CLIENT
CONNECTED BY CUSTOMER
ANSCHLUSS-KUNDE

- | | | | | | |
|----|------|-----------------------------------|----|------|---------------------------------|
| 1 | 5-20 | COMMANDE D'AUTOMATICITE | 1 | 3-03 | COMMANDE A DISTANCE 4-20mA |
| 2 | 5-20 | AUTOMATIC CONTROL | 2 | 3-03 | REMOTE CONTROL 4-20mA |
| 3 | 5-20 | EXTERNE FREIGABE | 3 | 3-03 | STEUERSTROM |
| 4 | 5-21 | COMMANDE AUTOMATICITE POMPES | 4 | 3-05 | CONTACT DE SIGNALISATION DEFECT |
| 5 | 5-20 | PUMPS AUTOMATIC CONTROL | 5 | 3-06 | DEFECT INDICATOR CONTACT |
| 6 | 5-21 | SELECTION CONSIGNNE 1/CONSIGNNE 2 | 6 | 5-16 | STORMELDEKONTAKT |
| 7 | 5-20 | ORDER 1/ORDER 2 SELECTION | 7 | 5-16 | DEFECT GROUPE CIRCUIT 1 |
| 8 | 5-22 | AUSWAHL SOLLWERT 1/SOLLWERT 2 | 8 | 5-18 | UNIT DEFECT CIRCUIT 1 |
| 9 | 5-20 | ARRET D'URGENCE | 9 | 5-18 | STORMELDEKONTAKT KREISLAUF 1 |
| 10 | 5-23 | EMERGENCY STOP | 10 | 6-16 | DEFECT GROUPE CIRCUIT 2 |
| 11 | 5-20 | NOTAUSCHALTER | 11 | 6-16 | UNIT DEFECT CIRCUIT 2 |
| 12 | 5-22 | COMMANDE GENERAL (CLIENT) | 12 | | STORMELDEKONTAKT KREISLAUF 2 |
| 13 | 6-21 | GENERAL DEFECT (CUSTOMER) | 13 | | DEFECT GROUPE CIRCUIT 3 |
| 14 | 6-21 | ALGEMEINE STORUNG (KUNDEN) | 14 | | UNIT DEFECT CIRCUIT 3 |
| 15 | 3-03 | DELESTAGE COMPRESSEUR 1 OU 2 | 15 | | STORMELDEKONTAKT KREISLAUF 3 |
| 16 | 3-03 | COMPRESSOR STAGING 1 OR 2 | 16 | | |
| 17 | 3-03 | LASTABWURF VERDICHTER 1 ODER 2 | 17 | | |
| 18 | 3-05 | DELESTAGE COMPRESSEUR 3 | 18 | | |
| 19 | 3-06 | COMPRESSOR STAGING 3 | 19 | | |
| 20 | 5-16 | LASTABWURF VERDICHTER 3 | 20 | | |
| 21 | 5-16 | | 21 | | |
| 22 | 5-18 | | 22 | | |
| 23 | 5-18 | | 23 | | |
| 24 | 6-16 | | 24 | | |
| 25 | 6-16 | | 25 | | |
| 26 | 4-11 | | 26 | | |
| 27 | 4-11 | | 27 | | |
| 28 | 4-11 | | 28 | | |
| 29 | 4-12 | | 29 | | |
| 30 | 4-12 | | 30 | | |
| 31 | 5-22 | | 31 | | |
| 32 | 5-22 | | 32 | | |
| 33 | 5-23 | | 33 | | |
| 34 | 5-23 | | 34 | | |
| 35 | 5-23 | | 35 | | |
| 36 | 5-24 | | 36 | | |
| 37 | 6-13 | | 37 | | |
| 38 | 6-14 | | 38 | | |
| 39 | 6-14 | | 39 | | |

- RESISTANCE CARTER COMPRESSEUR 1
- CRANKCASE HEATER COMPRESSOR 1
- KURBELWANNENHEIZUNG VERDICHTER 1
- RESISTANCE CARTER COMPRESSEUR 2
- CRANKCASE HEATER COMPRESSOR 2
- KURBELWANNENHEIZUNG VERDICHTER 2
- RESISTANCE CARTER COMPRESSEUR 3
- CRANKCASE HEATER COMPRESSOR 3
- KURBELWANNENHEIZUNG VERDICHTER 3

- FK1 DEFECT COMPRESSEUR 1
- FK1 COMPRESSOR 1 DEFECT
- FK1 STORUNG VERDICHTER 1
- FK2 DEFECT COMPRESSEUR 2
- FK2 COMPRESSOR 2 DEFECT
- FK2 STORUNG VERDICHTER 2
- FK3 DEFECT COMPRESSEUR 3
- FK3 COMPRESSOR 3 DEFECT
- FK3 STORUNG VERDICHTER 3

PHASE/PHASES 230V

NEUTRE/NEUTRAL/NEUTRAL

