

Schaltplan

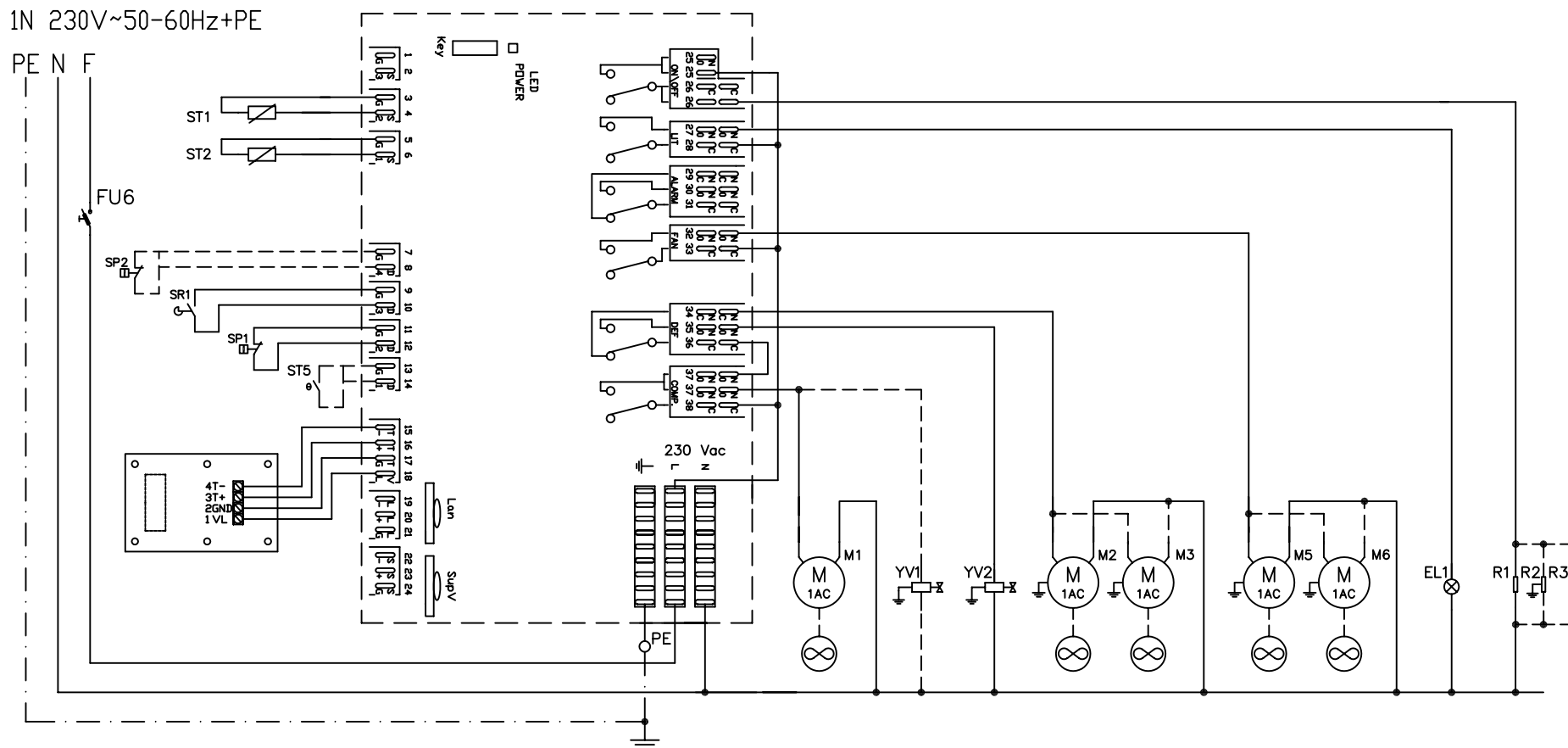
Huckepack-Tiefkühlaggregat **FAL-009**

[Art. 4391020091]



1N 230V~50-60Hz+PE

PE N F



FOR MODELS:

SFM003___1-SFM006___1-SFM009___1-SFM016___1
SFL003___1-SFL006___1-SFL009___1
RTM003___1-RTM006___1-RTM009___1-RTM016___1
RTL003___1-RTL006___1-RTL009___1
PTM003___1-PTM006___1-PTM009___1-PTM016___1
PTL003___1-PTL006___1-PTL009___1

SFM003___5-SFM006___5-SFM009___5-SFM016___5
SFL003___5-SFL006___5-SFL009___5
RTM003___5-RTM006___5-RTM009___5-RTM016___5
RTL003___5-RTL006___5-RTL009___5
PTM003___5-PTM006___5-PTM009___5
PTL003___5-PTL006___5

FOR MODELS:

FAM003___1-FAM006___1-FAM007___1-FAM009___1
FAM012___1-FAM016___1
FAL003___1-FAL006___1-FAL009___1
FAL012___1

FAM003___5-FAM006___5-FAM007___5-FAM009___5
FAM012___5
FAL003___5-FAL006___5-FAL009___5

TOLLERANZE GENERALI:

TUBAZIONI: ±5mm

BASI: ±1mm

POSIZIONI: ±1mm

CAVI: -10mm +50mm

N:\1_SERIE\BLOCK\SCH-ELE\SES0023.DWG

DISEGNATORE:
SPARAVENTI

CODICE:
SES0023

NUMERO INTERNO:

DISEGNO:

DENOMINAZIONE: SCHEMA ELETTRICO BLOCKSYSTEM 1-2x250
SBRINAMENTO A GAS CALDO MONOFASE 230/1/50-60Hz

NR REV.	DATA	TIPO DI MODIFICA	FIRMA	APPROVATO
00	06/10/03	EMISSIONE DISEGNO	SPARAVENTI	FERRI
03	18/03/05	INSERITI NUOVI MODELLI	MACCI	SPARAVENTI
04	03/05/05	AGGIORNATO DISEGNO	MACCI	SPARAVENTI

LEGENDA: QF1=INTERRUTTORE MAGNETO TERMICO QS1=SEZIONATORE GENERALE QS2=INTERRUTTORE LUCE CELLA KM1=TELERUTTORE COMPRESSORE KM2=TELERUTTORE RESISTENZE DI SBRINAMENTO FR1=RELE' TERMICO COMPRESSORE FR2=PROTEZIONE TERMICA COMPRESSORE (KRIVAN) KL1=RELE' VENTOLE CONDENSATORE KL2=RELE' VENTOLE EVAPORATORE KL3=RELE' COMPRESSORE M1=COMPRESSORE M2-M3-M4=VENTOLE CONDENSATORE M5-M6-M7=VENTOLE EVAPORATORE R1=RESISTENZA CARTER R2=RESISTENZA PORTA R3=RESISTENZA SCARICO R4-5-6-7-8-9-10-11-12-13-14-15=RESISTENZE DI SBRINAMENTO YV1=ELETTROVALVOLA LIQUIDO YV2=ELETTROVALVOLA SBRINAMENTO SP1=PRESSOSTATO DI MASSIMA SP2=PRESSOSTATO DI MINIMA SP3=REGOLATORE PRESSOSTATICO DI VELOCITA' VENT. COND. SP4=PRESSOSTATO VENTOLA CONDENSATORE SP5=PRESSOSTATO DIFFERENZIALE OLIO SRI=MICRO PORTA ST1=SONDA SBRINAMENTO ST2=SONDA TEMPERATURA ST3=TERMOSTATO VENTOLA CONDENSATORE ST4=SONDA ALLARME CONDENSATORE ST5=CLICSON COMPRESSORE EL1=LUCE CELLA XS1=PRESA CONNETTORE SONDE XP1=SPINA CONNETTORE SONDE XS2=PRESA CONNETTORE VENT. EVAP. E RES. DI SBRIN. XP2=SPINA CONNETTORE VENT. EVAP. E RES. DI SBRIN. XBA=MORSETTIERA RESISTENZE CARTER, PORTA E SCARICO XB1=MORSETTIERA SONDE E MICRO PORTA XB2=MORSETTIERA VENT. EVAP. E RES. DI SBRIN. XB3=MORSETTIERA SONDE E MICRO PORTA SULL'EVAPORATORE XB4=MORSETTIERA VENT. EVAP. E RES. DI SBRIN. SULL'EVAP. HL1=SPIA RETE HL2=SPIA SBRINAMENTO HL3=SPIA ALLARME HL4=SPIA MARCIA COMPRESSORE HL5=SPIA VENTOLE EVAPORATORE FASEC33=REGOLATORE DI VELOCITA' TERNOSTATICO VENT. COND. F1=FILTRO FASEC33 T1=TRIAC FASEC33 E1=FILTRO SP3 FV1=MONITOR DI TENSIONE EWPC700=SCHEDA ELETTRONICA IR 32CE=CONTROLLORE ELETTRONICO FU1=FUSIBILI COMPRESSORE E RESISTENZE FU2=FUSIBILI VENTOLE CONDENSATORE FU3=FUSIBILI VENTOLE EVAPORATORE FU4-5=FUSIBILI TRASFORMATORE DI COMANDO FU6=FUSIBILE CIRCUITO DI COMANDO FU7=FUSIBILE TC1=TRASFORMATORE DI COMANDO	LEGENDA: QF1=MAGNETO THERMAL SWITCH QS1=MAIN SWITCH QS2=COLD ROOM LIGHT SWITCH KM1=COMPRESSOR SWITCH KM2=DEFROST HEATERS SWITCH FR1=COMPRESSOR THERMAL RELAY FR2=COMPRESSOR THERMAL PROTECTION (KRIVAN) KL1=CONDENSER FANS RELAY KL2=EVAPORATOR FANS RELAY KL3=COMPRESSOR RELAY M1=COMPRESSOR M2-M3-M4=CONDENSER FANS M5-M6-M7=EVAPORATOR FANS R1=CRANKCASE HEATER R2=DOOR HEATER R3=DISCHARGE HEATER R4-5-6-7-8-9-10-11-12-13-14-15=DEFROST HEATERS YV1=LIQUID ELECTROVALVE YV2=DEFROST ELECTROVALVE SP1=HIGH PRESSURE SWITCH SP2=LOW PRESSURE SWITCH SP3=CONDENSER FANS PRESSURE SPEED VARIATOR SP4=CONDENSER FAN PRESSURE SWITCH SP5=OIL DIFFERENTIAL PRESSURE SWITCH SRI=MICRO SWITCH ST1=DEFROST PROBE ST2=TEMPERATURE PROBE ST3=CONDENSER FAN THERMOSTAT ST4=CONDENSER ALARM PROBE ST5=COMPRESSOR CLICSON EL1=COLD ROOM LIGHT XS1=PROBES CONNECTOR OUTLET XP1=PROBES CONNECTOR PLUG XS2=CONNECTOR OUTLET FOR EVAP. FANS AND DEFROST HEATERS XP2=CONNECTOR PLUG FOR EVAP. FANS AND DEFROST HEATERS XBA=TERMINAL BOARD FOR CRANKCASE, DOOR AND DISCHARGE HEATERS XB1=TERMINAL BOARD FOR MICRO SWITCH AND PROBES XB2=TERMINAL BOARD FOR EVAP. FANS AND DEFROST HEATERS XB3=TERMINAL BOARD FOR MICRO SWITCH AND PROBES IN THE EVAP. XB4=TERMINAL BOARD FOR EVAP. FANS AND DEFROST HEATERS IN THE EVAP. HL1=MAINS PILOT LIGHT HL2=DEFROST PILOT LIGHT HL3=ALARM PILOT LIGHT HL4=RUN COMPRESSOR PILOT LIGHT HL5=EVAPORATOR FANS PILOT LIGHT FASEC33=CONDENSER FANS THERMOSTATIC SPEED VARIATOR F1=FASEC33 FILTER T1=FASEC33 TRIAC E1=SP3 FILTER FV1=VOLTAGE MONITOR EWPC700=ELECTRONIC PANEL IR 32CE=ELECTRONIC CONTROL FU1=COMPRESSOR AND HEATERS FUSES FU2=CONDENSER FANS FUSES FU3=EVAPORATOR FANS FUSES FU4-5=CONTROL CIRCUIT TRANSFORMER FUSES FU6=CONTROL CIRCUIT FUSE FU7=FUSE TC1=CONTROL CIRCUIT TRANSFORMER	LEGENDE: QF1=INTERRUPTEUR MAGNETOTHERMIQUE QS1=SECTIONNEUR GENERAL QS2=INTERRUPTEUR LUMIER CHAMBRE KM1=TELERUPTEUR COMPRESSEUR KM2=TELERUPTEUR RESISTANCES DE DEGIVRAGE FR1=PROTECTION TERMIQUE COMPRESSEUR FR2=PROTECTION TERMIQUE COMPRESSEUR (KRIVAN) KL1=RELAIS VENTILATEURS CONDENSEUR KL2=RELAIS VENTILATEURS EVAPORATEUR KL3=RELAIS COMPRESSEUR M1=COMPRESSEUR M2-M3-M4=VENTILATEURS CONDENSEUR M5-M6-M7=VENTILATEURS EVAPORATEUR R1=RESISTANCE DE CARTER R2=RESISTANCE PORTE R3=RESISTANCE DE DECHARGE R4-5-6-7-8-9-10-11-12-13-14-15=RESISTANCES DE DEGIVRAGE YV1=ELECTROVANNE DE LIQUIDE YV2=ELECTROVANNE DE DEGIVRAGE SP1=PRESSOSTAT DE HAUTE PRESSION SP2=PRESSOSTAT DE BASSE PRESSION SP3=VARIATEUR DE VITESSE PRESSOSTATIQUE VENT. COND. SP4=PRESSOSTAT VENTILATEUR CONDENSEUR SP5=PRESSOSTAT DIFFERENTIALE HUILE SRI=DETECTEUR DE PORTE ST1=SONDE DE DEGIVRAGE ST2=SONDE TEMPERATURE ST3=THERMOSTAT VENTILATEUR CONDENSEUR ST4=SONDE ALARM CONDENSEUR ST5=CLICSON COMPRESSEUR EL1=LUMIERE CHAMBRE XS1=PRISE CONNEXEUR SONDES XP1=FICHE CONNEXEUR SONDES XS2=PRISE CONNEXEUR VENT. EVAP. ET RESISTANCES DE DEGIVRAGE XP2=FICHE CONNEXEUR VENT. EVAP. ET RESISTANCES DE DEGIVRAGE XBA=PLAQUE A BORNES RESISTANCES DE CARTER, PORTE ET DE DECHARGE XB1=PLAQUE A BORNES SONDES ET DETECTEUR DE PORTE XB2=PLAQUE A BORNES VENT. EVAP. ET RESISTANCES DE DEGIVRAGE XB3=PLAQUE A BORNES SONDES ET DETECTEUR DE PORTE DANS EVAP. XB4=PLAQUE A BORNES VENT. EVAP. ET RESISTANCES DE DEGIVRAGE DANS EVAP. HL1=TEMOIN D'ALIMENTATION HL2=TEMOIN DE DEGIVRAGE HL3=TEMOIN ALARM HL4=TEMOIN MARCHE DE COMPRESSEUR HL5=TEMOIN VENTILATEURS EVAPORATEUR FASEC33=VARIATEUR DE VITESSE THERMOSTATIQUE VENT. COND. F1=FILTRE DE FASEC33 T1=TRIAC DE FASEC33 E1=FILTRE DE SP3 FV1=MONITEUR DE TENSION EWPC700=CARTE ELECTRONIQUE IR 32CE=CONTROLE ELECTRONIQUE FU1=PLUMBS DE COMPRESSEUR ET RESISTANCES FU2=PLUMBS VENTILATEURS CONDENSEUR FU3=PLUMBS VENTILATEURS EVAPORATEUR FU4-5=PLUMBS TRANSFORMATEUR DE CONTROLE FU6=PLUMB CIRCUIT DE CONTROLE FU7=PLUMB TC1=TRANSFORMATEUR DE CONTROLE	APPROVATO	FIRMA	TIPO DI MODIFICA	DATA	NR REV.		
			FERRI	SPARAVENTI	EMISSIONE DISEGNO	01/03/99	00		
			FERRI	SPARAVENTI	AGGIUNTE ALCUNE VOCI	02/08/00	05		
			FERRI	SPARAVENTI	AGGIUNTA MORSETTIERA XBA	01/10/01	06		
			FERRI	SPARAVENTI	AGGIUNTO QS2, KL3, IR 32CE, FU7, ST4, ST5	01/09/03	07		
TOLLERANZE GENERALI: TUBAZIONI: ±5mm BASI: ±1mm POSIZIONI: ±1mm CAVI: -10mm +50mm N:\1_SERIE\BLOCK\SCH-ELE\LEGENDA.DWG		DISEGNATORE : SPARAVENTI		CODICE: LEGENDA		NUMERO INTERNO:		DISEGNO:	
				DENOMINAZIONE:LEGENDA SCHEMI ELETTRICI BLOCKSYSTEM DI SERIE					

F.D.I. MOD 044 REV.01 01/05/12/95

LEGENDE:
 QF1=MAGNETO-TERMISCHER SCHALTER
 QS1=TRENNSCHALTER
 QS2=KÜHLZELLE-LICHT SCHALTER
 KM1=FERNSCHALTER DES KOMPRESSOR
 KM2=FERNSCHALTER DES ABTAUUNGHEIZUNG
 FR1=THERMOSCHUTZ SCHALTER VERDICHTER
 FR2=THERMO-SCHUTZVERRICHTUNG
 KL1=Schutz Schalter Relais Lüfter verflüssiger
 KL2=Schutz Schalter Relais Lüfter verdampfer
 KL3=Schutz Schalter Relais Verdichter
 N1=VERDICHTER
 N2-N3-N4=LÜFTER VERFLÜSSIGER
 N5-N6-N7=LÜFTER VERDAMPFER
 R1=ÖLSAMPFHEIZUNG
 R2=TÜRRAHMENHEIZUNG
 R3=ABFLUSSHEIZUNG
 R4-5-6-7-8-9-10-11-12-13-14-15=ABTAUUNGHEIZUNG
 YV1=ELEKTROVENTIL FLOSSIGKEIT
 YV2=ELEKTROVENTIL ABTAU
 SP1=HOCHDRUCK PRESSOSTAT
 SP2=NIEDERDRUCK PRESSOSTAT
 SP3=PRESSOSTATISCHE GESCHWINDIGKEITSREGELUNG LÜFTER VERFLÜSSIGER
 SP4=PRESSOSTAT LÜFTER VERFLÜSSIGER
 SP5=DIFFERENZ-PRESSOSTAT
 SR1=TÜR KONTAKTSCHALTER
 ST1=ABTAU FÜHLER
 ST2=TEMPERATUR FÜHLER
 ST3=THERMOSTAT LÜFTER VERFLÜSSIGER
 ST4=ALARM FÜHLER VERFLÜSSIGER
 ST5=CLICSON KOMPRESSOR
 EL1=KÜHLZELLE LICHT
 XS1=STECKDOSE VERBINDER FÜHLER
 XP1=STECKER VERBINDER FÜHLER
 XS2=STECKDOSE VERBINDER LÜFTER VERDAMPF. UND ABTAUUNGHEIZUNG
 XP2=STECKER VERBINDER LÜFTER VERDAMPF. UND ABTAUUNGHEIZUNG
 XBA=KLENNBRETT FÜR CARTERHEIZUNG,TÜRRAHMENHEIZUNG UND ABFLUSSHEIZUNG
 XB1=KLENNBRETT FÜHLER UND TÜR KONTAKT SCHALTER
 XB2=KLENNBRETT LÜFTER VERDAMPF. UND ABTAUUNGHEIZUNG
 XB3=KLENNBRETT FÜHLER UND TÜR KONTAKT SCHALTER IN VERDAMPF
 XB4=KLENNBRETT LÜFTER VERDAMPF. UND ABTAUUNGHEIZUNG IN VERDAMPF
 HL1=NETZ MELDELAMPE
 HL2=ABTAUUNG MELDELAMPE
 HL3=ALARM MELDELAMPE
 HL4=VERDICHTER MELDELAMPE
 HL5=VERDAMPFER VENTILATOREN MELDELAMPE
 FASEC33=GESCHWINDIGKEITSREGELUNG LÜFTER VERFL.
 F1=FILTER FASEC33
 T1=TRIAC FASEC33
 E1=FILTER SP3
 FV1=SPANNUNGSMONITOR
 EWPC700=ELEKTRONISCHE REGELUNG
 JR 32CE=ELEKTRONISCHE STEUERUNG
 FU1=VERDICHTER UND WIDERSTAND ABSCHMELZSICHERUNG
 FU2=VERFLÜSSIGER VENTILATOREN ABSCHMELZSICHERUNG
 FU3=VERDAMPFER VENTILATOREN ABSCHMELZSICHERUNG
 FU4-5=STEUERUNG TRANSFORMATOR ABSCHMELZSICHERUNG
 FU6=STEUERUNG KREIS ABSCHMELZSICHERUNG
 FU7=ABSCHMELZSICHERUNG
 TC1=STEUERUNG TRANSFORMATOR

LEYENDA:
 QF1=INTERRUPTOR MAGNETOTERMICO
 QS1=INTERRUPTOR GENERAL
 QS2=INTERRUPTOR LUZ CAMARA
 KM1=TELERUPTOR COMPRESOR
 KM2=TELERUPTOR RESISTENCIAS DE DESCARGHE
 FR1=RELE' TERMICO COMPRESOR
 FR2=PROTECCION TERMICA COMPRESOR (KRIWAN)
 KL1=RELE' VENTILADORES CONDENSADOR
 KL2=RELE' VENTILADORES EVAPORADOR
 KL3=RELE' COMPRESOR
 M1=COMPRESOR
 N2-N3-N4=VENTILADORES CONDENSADOR
 N5-N6-N7=VENTILADORES EVAPORADOR
 R1=RESISTENCIA CARTER
 R2=RESISTENCIA PUERTA
 R3=RESISTENCIA DESAGUE
 R4-5-6-7-8-9-10-11-12-13-14-15=RESISTENCIAS DE DESCARGHE
 YV1=VALVULA SOLENOIDE
 YV2=VALVULA DE DESCARGHE
 SP1=PREOSTATO DE ALTA
 SP2=PREOSTATO DE BAJA
 SP3=REGULADOR PREOSTATICO DE VELOCIDAD VENT. COND.
 SP4=PREOSTATO VENTILADORES CONDENSADOR
 SP5=PREOSTATO DIFERENCIAL DE ACEITE
 SR1=INTERRUPTOR DE PUERTA
 ST1=SONDA DESCARGHE
 ST2=SONDA TEMPERATURA
 ST3=TERMOSTATO VENTILADORES CONDENSADOR
 ST4=SONDA ALARMA CONDENSADOR
 ST5=CLICSON COMPRESOR
 EL1=LUZ CAMARA
 XS1=CONECTOR HEMBRA SONDAS
 XP1=CONECTOR MACHO SONDAS
 XS2=CONECTOR HEMBRA VENT. EVAP. Y RES. DE DESC.
 XP2=CONECTOR MACHO VENT. EVAP. Y RES. DE DESC.
 XBA=BORNES RES. CARTER, PUERTA Y DESAGUE
 XB1=BORNES SONDAS Y INTERRUPTOR DE PUERTA
 XB2=BORNES RES. DE DESC. VENT. EVAP. Y LUZ CAMARA
 XB3=BORNES SONDAS Y INTERRUPTOR DE PUERTA EN EL EVAP.
 XB4=BORNES RES. DE DESC. VENT. EVAP. Y LUZ CAMARA EN EL EVAP.
 HL1=LUZ INDICADOR DE TENSION
 HL2=LUZ INDICADOR DE DESCARGHE
 HL3=LUZ INDICADOR DE ALARMA
 HL4=LUZ INDICADOR DE FUNCIONAMIENTO COMPRESOR
 HL5=LUZ INDICADOR DE VENTILADORES EVAPORADOR
 FASEC33=REGULADOR TERMOSTATICO DE VELOCIDAD VENT. COND.
 F1=FILTRO DE FASEC33
 T1=TRIAC DE FASEC33
 E1=FILTRO DE SP3
 FV1=MONITOR DE TENSION
 EWPC700=PLACA ELECTRONICA
 JR 32CE=CONTROLADOR ELECTRONICO
 FU1=FUSIBLES COMPRESOR Y RESISTENCIAS
 FU2=FUSIBLES VENTILADORES CONDENSADOR
 FU3=FUSIBLES VENTILADORES EVAPORADOR
 FU4-5=FUSIBLES TRANSFORMADOR DE CONTROL
 FU6=FUSIBLE CIRCUITO DE CONTROL
 FU7=FUSIBLE
 TC1=TRANSFORMADOR DE CONTROL

NR REV.	DATA	TIPO DI MODIFICA	FIRMA	APPROVATO
00	18/06/99	EMISSIONE DISEGNO	SPARAVENTI	FERRI
03	02/08/00	AGGIUNTE ALCUNE VOCE	SPARAVENTI	FERRI
04	01/10/01	AGGIUNTA MORSETTIERA XBA	SPARAVENTI	FERRI
05	01/09/03	AGGIUNTO QS2, KL3, IR 32CE, FU7, ST4, ST5	SPARAVENTI	FERRI

TOLLERANZE GENERALI:
 TUBAZIONI: ±5mm
 BASI: ±1mm
 POSIZIONI: ±1mm
 CAVI: -10mm +50mm

N:\1_SERIE\BLOCK\SCH-ELE\LEGENDA1.DWG

DENOMINAZIONE: LEGENDA SCHEMI ELETTRICI BLOCKSYSTEM DI SERIE

DISEGNATORE:
 SPARAVENTI

CODICE:
 LEGENDA1

NUMERO INTERNO:

DISEGNO:

LEGENDA:

QS1=SEZIONATORE GENERALE
 KM1=TELERUTTORE COMPRESSORE
 FR1=RELE' TERMICO COMPRESSORE
 FU1=FUSIBILI COMPRESSORE
 FU2=FUSIBILE VENTOLA CONDENSATORE
 FU3=FUSIBILE PRIMARIO TRASFORMATORE
 FU4=FUSIBILE SECONDARIO TRASFORMATORE
 KL1=RELE' VENT. COND. E RES. CARTER
 KL2=RELE' ALLARME
 R1=RESISTENZA CARTER
 ST1=TERMOSTATO AMBIENTE
 ST2=CLICSON COMPRESSORE
 YV1=SOLENOIDE LIQUIDO
 YV2=SOLENOIDE INIEZIONE DI LIQUIDO
 SP1=PRESSOSTATO DI MASSIMA
 SP2=PRESSOSTATO DI MINIMA
 SP3=PRESSOSTATO VENTOLE COND.
 SP4=REG. PRESS. VELOCITA' VENTOLE COND.
 M1=COMPRESSORE
 M2=VENTOLA CONDENSATORE SUPERIORE
 M3=VENTOLA CONDENSATORE INFERIORE
 K1=KRIWAN
 TC1=TRASFORMATORE
 F1=RELE' CONTROLLO SEQUENZA FASI
 KT1=RELE' CON RITARDO ALLE PARTENZE

LEGEND:

QS1=MAIN SWITCH
 KM1=COMPRESSOR SWITCH
 FR1=COMPRESSOR THERMAL RELAY
 FU1=COMPRESSOR FUSE
 FU2=COND. FAN FUSE
 FU3=TRANSFORMER MAIN FUSE
 FU4=TRANSFORMER SECONDARY FUSE
 KL1=CRANCKASE HEATER AND COND. FANS RELAY
 KL2=ALARM RELAY
 R1=CRANCKASE HEATER
 ST1=TEMPERATURE THERMOSTAT
 ST2=COMPRESSOR CLICSON
 YV1=LIQUID ELECTROVALVE
 YV2=LIQUID INJECTION ELECTROVALVE
 SP1=MAX PRESSURE SWITCH
 SP2=MIN PRESSURE SWITCH
 SP3=COND. FAN PRESSURE SWITCH
 SP4=COND. FAN PRESS. SPEED VARIATOR
 M1=COMPRESSOR
 M2=UP CONDENSER FAN
 M3=DOWN CONDENSER FAN
 K1=KRIWAN
 TC1=TRANSFORMER
 F1=CONTROL PHASES SEQUENCE RELAY
 KT1=TIME-DELAY RELAY

1/3

TOLLERANZE GENERALI: TUBAZIONI: ±5mm BASI: ±1mm POSIZIONI: ±1mm CAVI: -10mm +50mm F:\3_schemi elettrici\2_MQ\2_PUMP DOWN\legenda-12.dwg		DENOMINAZIONE: LEGENDA SCHEMI ELETTRICI MQ/12			
DISEGNATORE: SPARAVENTI		CODICE: LEGENDA-12		NUMERO INTERNO:	
				DISEGNO: LEGENDA-12	

NR REV.	DATA	TIPO DI MODIFICA	FIRMA	APPROVATO
00	11/07/02	EMISSIONE DISEGNO	Iacomucci	GIUNTA
02	19/02/04	AGGIUNTO KT1=RELE' CON RITARDO ALLE PARTENZE	SCAVOLINI	GIUNTA
03	23/09/04	AGGIUNTO KL2=RELE' ALLARME	SCAVOLINI	GIUNTA
04	29/09/05	AGGIUNTE TRADUZIONI IN TEDESCO FRANCESE SPAGNOLO	FOSCHI	SPARAVENTI

LEGENDA:

QS1=SECTIONNEUR GENERAL
 KM1=TELERUPTeur COMPRESSEUR
 FR1=PROTECTION TERMIQUE COMPRESSEUR
 FU1=PLUMBS DE COMPRESSEUR
 FU2=PLUMS VENTILATEURS EVAPORATEUR
 FU3=PLUMBS TRANSFORMATEUR DE CONTROLE
 FU4=PLUMB CIRCUIT DE CONTROLE
 KL1=RELAIS VENT. COND. RES. CARTER
 KL2=RELAIS ALARM
 R1=RESISTANCE DE CARTER
 ST1=THERMOSTAT TEMPERATURE
 ST2=CLICSON COMPRESSEUR
 YV1=ELECTROVANNE DE LIQUIDE
 YV2=INJECTION LIQUID ELECTROVANNE
 SP1=PRESSOSTAT DE HAUTE PRESSION
 SP2=PRESSOSTAT DE BASSE PRESSION
 SP3=PRESSOSTAT VENTILATEUR CONDENSEUR
 SP4=VAR. DE VITESSE PRESS. VENT. COND.
 M1=COMPRESSEUR
 M2=VENTILATEURS CONDENSEUR
 M3=VENTILATEURS CONDENSEUR
 K1=KRIWAN
 TC1=TRASFORMATEUR
 F1=RELAIS CONTROLE PHASE
 KT1=RELAIS AVEC RETARD AU DEMARRAGE

LEGEND:

QS1=TRENNSCHALTER
 KM1=FERNSCHALTER DES KOMPRESSOR
 FR1=THERMOSCHULTZ SCHALTER VERDIC.
 FU1=VERDICHTER ABSCHMELZSICHERUNG
 FU2=VERFLUS, VENT. ABSCHMELZSICHERUNG
 FU3=STEUERUNG TRANS. ABSCHMELZSICHER.
 FU4=STEUERUNG KREIS ABSCHMELZSICHER.
 KL1=RELAIS LUFTER VERFLUG, UND OLSAMPFHE.
 KL2=RELAIS MELDELAMPE
 R1=OLSAMPFHEIZUNG
 ST1=THERMOSTAT ABTAU
 ST2=CLICSON KOMPRESSOR
 YV1=ELEKTROVENTIL FLUSSIGKEIT
 YV2=FLUSSIGKEIT EINSPRITZUNG ELEKTRO.
 SP1=HOCHDRUCK PRESSOSTAT
 SP2=NIEDERDRUCK PRESSOSTAT
 SP3=PRESSOSTAT LUFTER VERFLUSSIGER
 SP4=PRESS. GESCHWIND. LUFTER VERFLUS.
 M1=VERDICHTER
 M2=LUFTER VERFLUSSIGER
 M3=LUFTER VERFLUSSIGER
 K1=KRIWAN
 TC1=TRANSFORMATOR
 F1=RELAIS FUR PHASENFOLGEN
 KT1=REL. VERZOGER. ZWISCHEN STARTS

2/3

TOLLERANZE GENERALI: TUBAZIONI: ±5mm BASI: ±1mm POSIZIONI: ±1mm CAVI: -10mm +50mm F:\3_Schemi elettrici\2_MQ\2_PUMP DOWN\legenda-12.dwg		DENOMINAZIONE: LEGENDA SCHEMI ELETTRICI MQ/12			
DISEGNATORE: SPARAVENTI		CODICE: LEGENDA-12		NUMERO INTERNO:	
				DISEGNO: LEGENDA-12	

LEGENDA:

QS1=INTERRUPTOR GENERAL
 KM1=TELERUPTOR COMPRESOR
 FR1=RELE' TERMICO COMPRESOR
 FU1=FUSIBLES COMPRESOR
 FU2=FUSIBLES VENTILADORES CONDENSADOR
 FU3=FUSIBLES TRANSFORMADOR DE CONTROL
 FU4=FUSIBLE CIRCUITO DE CONTROL
 KL1=RELE' VENTILADORES CONDENSATOR Y RES. CARTER
 KL2=RELE' ALARMA
 R1=RESISTENCIA CARTER
 ST1=TERMOSTATO TEMPERATURA
 ST2=CLICSON COMPRESOR
 YV1=VALVULA SOLENOIDE
 YV2=SOLENOIDE INYECCION DE LIQUIDO
 SP1=PRESTATO DE ALTA
 SP2=PRESTATO DE BAJA
 SP3=PRESTATO VENTILADORES CONDENSADOR
 SP4=REGULADOR PRESTATICO DE VELOCIDAD VENT. COND.
 M1=COMPRESOR
 M2=VENTILADORES CONDENSADOR
 M3=VENTILADORES CONDENSADOR
 K1=KRIWAN
 TC1=TRANSFORMADOR
 F1=RELE' CONTROL DE FASE
 KT1=RELE' TEMPORIZADO

3/3

TOLLERANZE GENERALI: TUBAZIONI: ±5mm BASI: ±1mm POSIZIONI: ±1mm CAVI: -10mm +50mm F:\3_Schemi elettrici\2_MQ\2_PUMP DOWN\legenda-12.dwg		DENOMINAZIONE: LEGENDA SCHEMI ELETTRICI MQ/12			
DISEGNATORE: SPARAVENTI		CODICE: LEGENDA-12	NUMERO INTERNO:		DISEGNO: LEGENDA-12

NR REV.	DATA	TIPO DI MODIFICA	FIRMA	APPROVATO
00	11/07/02	EMISSIONE DISEGNO	Iacomucci	GIUNTA
02	19/02/04	AGGIUNTO KT1=RELE' CON RITARDO ALLE PARTENZE	SCAVOLINI	GIUNTA
03	23/09/04	AGGIUNTO KL2=RELE' ALLARME	SCAVOLINI	GIUNTA
04	29/09/05	AGGIUNTE TRADUZIONI IN TEDESCO FRANCESE SPAGNOLO	FOSCHI	SPARAVENTI