

Refrig. = R407C	ITM		
	STD. PREVALENZA / STD. PREVALENCE		
MODELLO MODEL MODELE' -	I _{MAX} (A)	P _{MAX} (kW)	I _{LR} (A)
330	19	5,7	72
400	22	8,4	77

Refrig. = R407C	SHH		
	STD. PREVALENZA / STD. PREVALENCE		
MODELLO MODEL MODELE' -	I _{MAX} (A)	P _{MAX} (kW)	I _{LR} (A)
330	18	6,5	70
400	20	8,2	75

Refrig. = R407C	ITM / BT		
	I _{MAX} (A)	P _{MAX} (kW)	I _{LR} (A)
330	20	6,8	74
400	22	7,8	83

ALIM. ELETTRICA ELECTRICAL SUPPLY ALIM. ELECTRIQUE ELEKTROANSCHLUSS	ALIM. ELETTRICA ELECTRICAL SUPPLY ALIM. ELECTRIQUE ELEKTROANSCHLUSS	FASI PHASES PHASES PHASEN	FREQUENZA FREQUENCY FREQUENCE FREQUENZ
	AC 400V ± 10%	3+N/PE	50Hz ± 1%

A
B
C
D
E
F
G
H
I
J
K
L
M

MOD.	330			400		
	I _M (A)	P _M (kW)	I _{LR} (A)	I _M (A)	P _M (kW)	I _{LR} (A)
M1	10,1	4,75	63	12,7	7,5	68
M2	6,8	0,5	-	6,8	0,5	-
M3	0,73	0,16	-	0,73	0,16	-
M4	0,73	0,16	-	0,73	0,16	-
M5	0,8	0,09	-	0,8	0,09	-

MOD.	330			400		
	I _M (A)	P _M (kW)	I _{LR} (A)	I _M (A)	P _M (kW)	I _{LR} (A)
M1	10,1	4,75	63	12,7	7,5	68
M2	6,6	0,6	-	6,6	0,6	-
M3	0,8	0,09	-	0,8	0,09	-

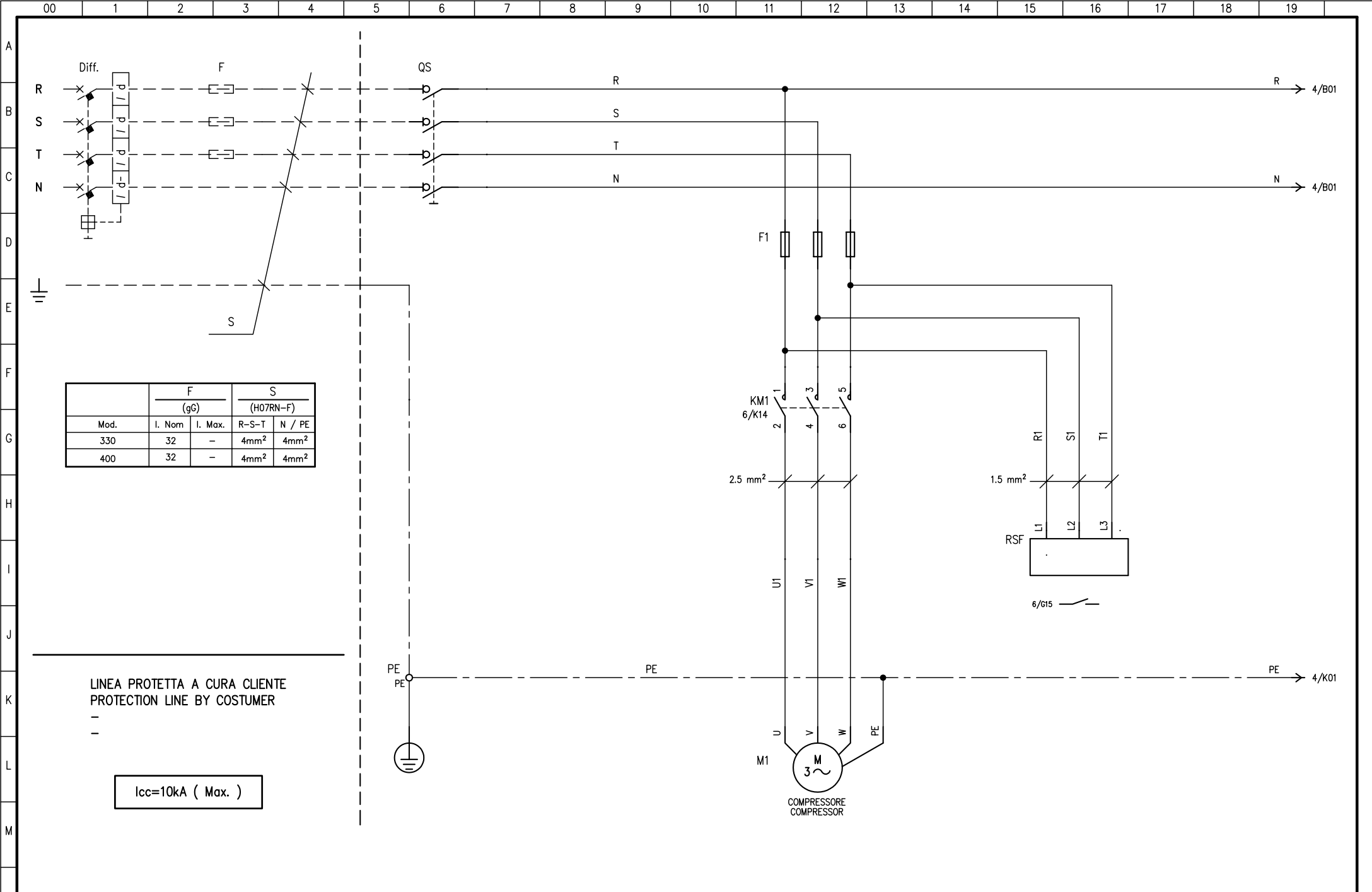
MOD,	330 / BT			400 / BT		
	I _M (A)	P _M (kW)	I _{LR} (A)	I _M (A)	P _M (kW)	I _{LR} (A)
M1	11	5,9	65	13	6,9	74
M2	6,8	0,5	-	6,8	0,5	-
M3	0,73	0,16	-	0,73	0,16	-
M4	0,73	0,16	-	0,73	0,16	-
M5	0,8	0,09	-	0,8	0,09	-

REV.	MODIFICATIONS	DATE	SIGN	APPR.	G.R.
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DATE	09/07/2009
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CHECK	B.S.



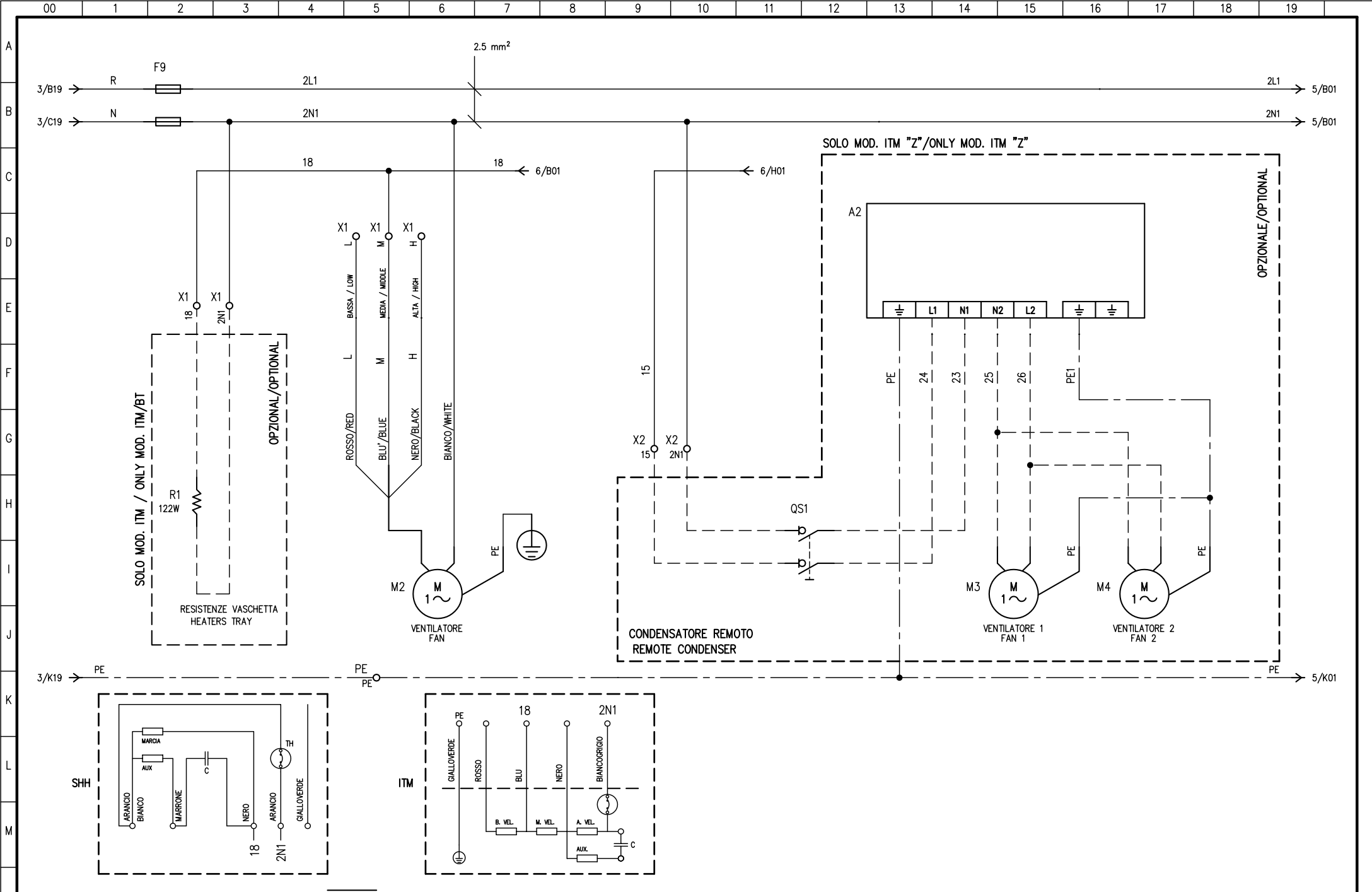
SCEL0602C



Mod.	F (gG)		S (H07RN-F)	
	I. Nom	I. Max.	R-S-T	N / PE
330	32	-	4mm²	4mm²
400	32	-	4mm²	4mm²

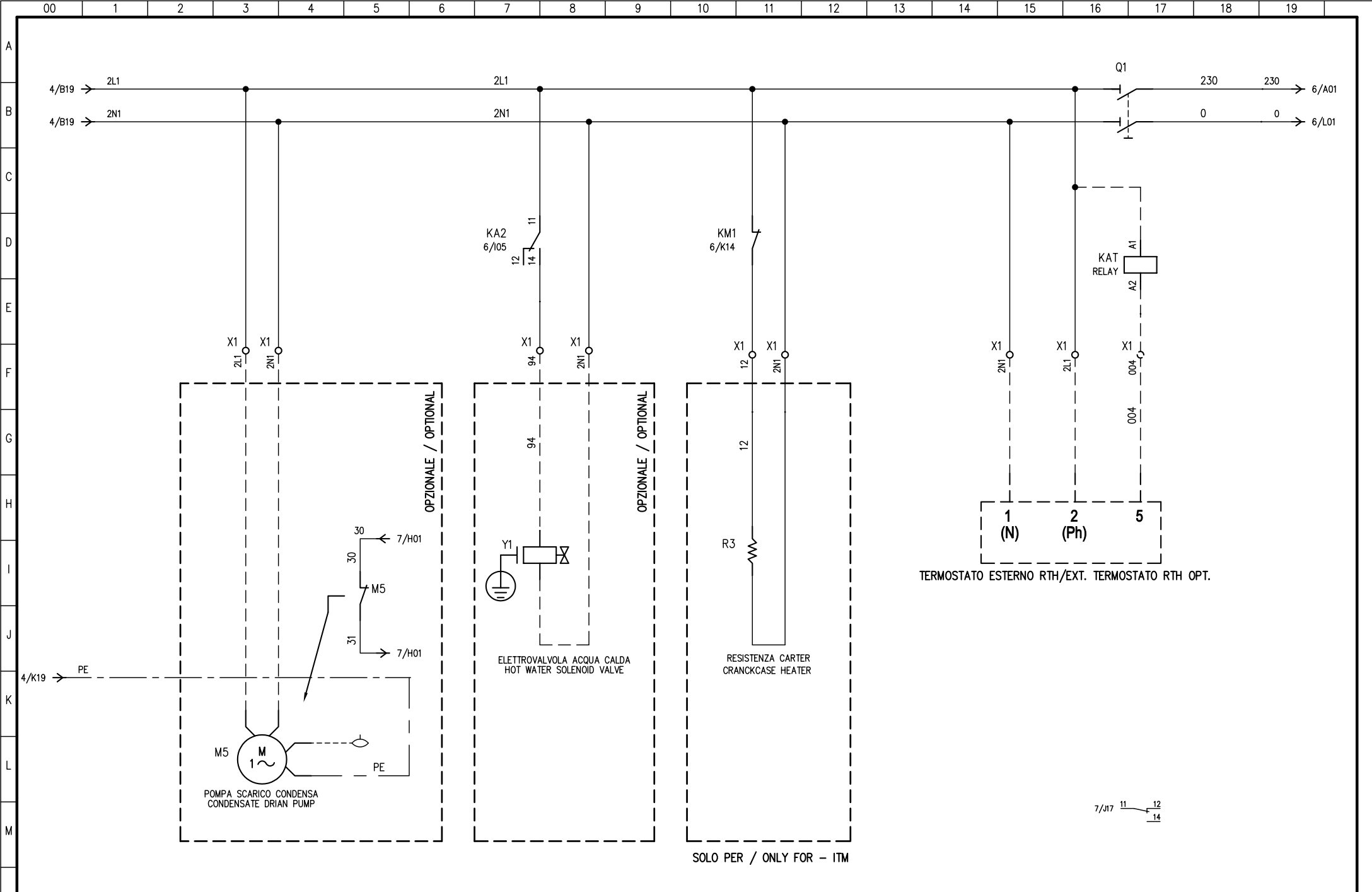
LINEA PROTETTA A CURA CLIENTE
PROTECTION LINE BY COSTUMER

Icc=10kA (Max.)

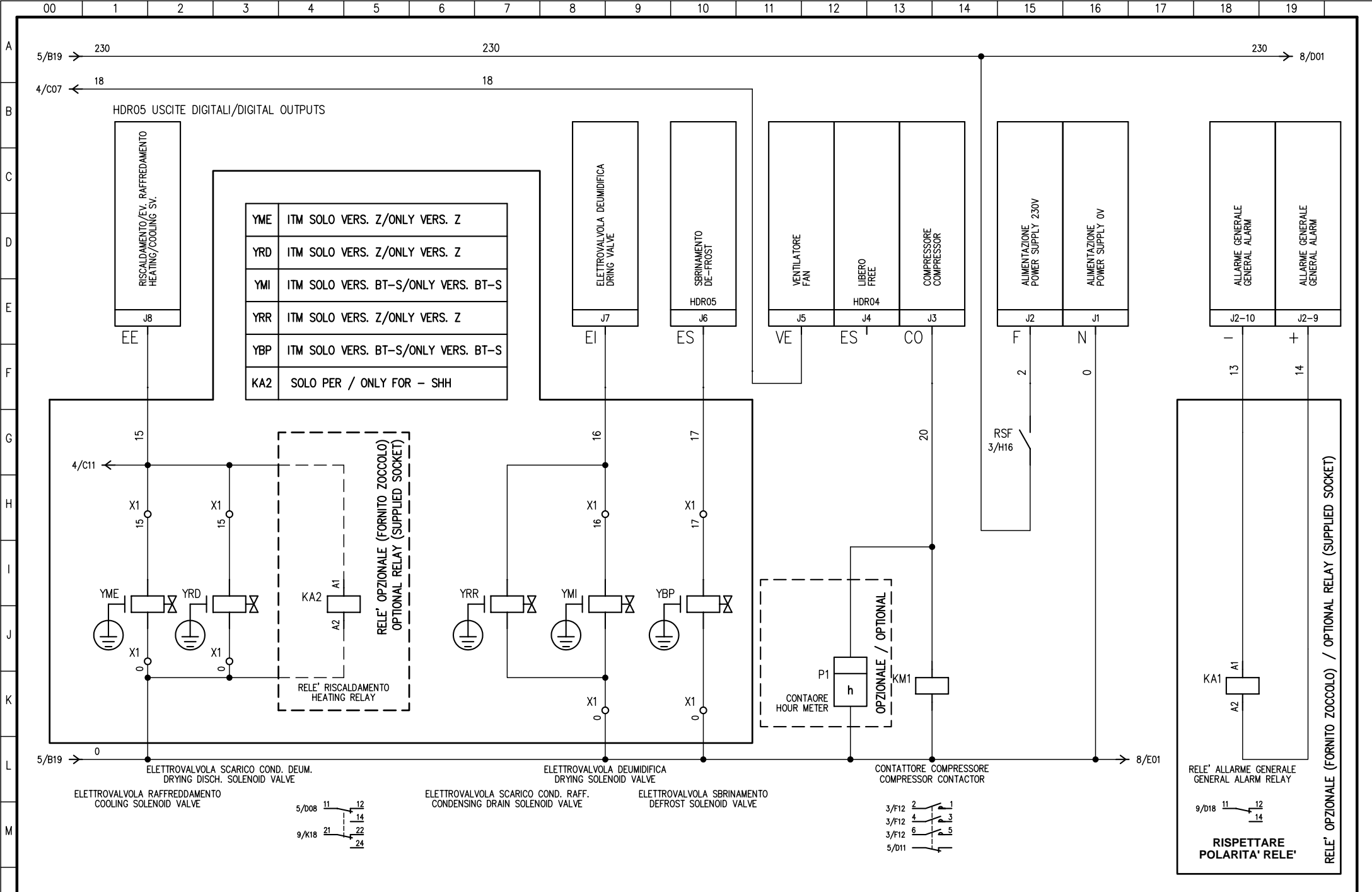


REV.	MODIFICATIONS	DATE	SIGN	APPR.	G.R.		SCEL0602C	SHEET 4 OF 15	
								CONTINUE	5

DATE 09/07/2009
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 CHECK B.S.
 APPR. G.R.



REV.	MODIFICATIONS	DATE	SIGN	APPR.	G.R.		SCEL0602C	SHEET 5 OF 15	
								CONTINUE	6

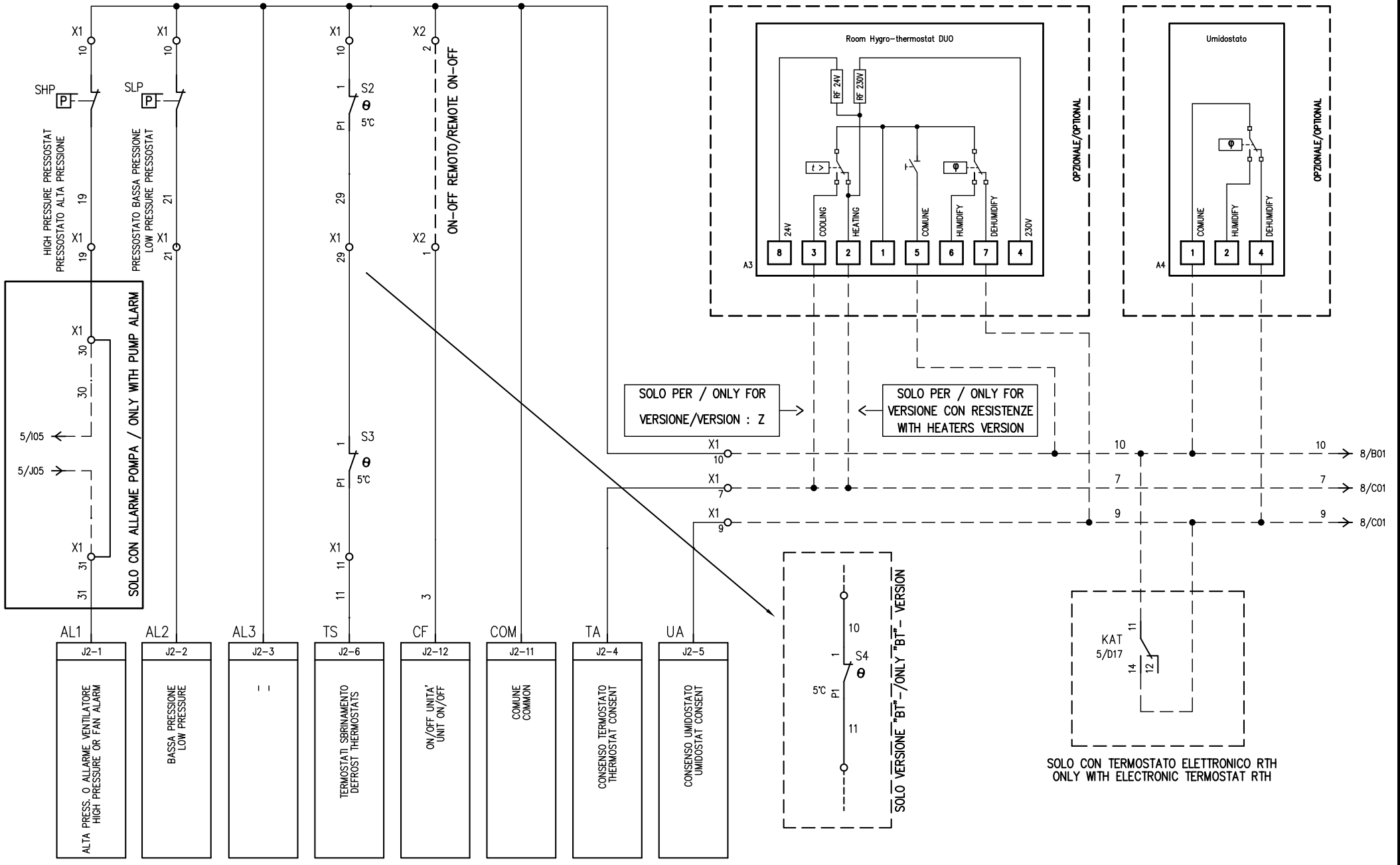


REV.	MODIFICATIONS	DATE	SIGN	APPR.	G.R.

DATE 09/07/2009
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 APPR. G.R.

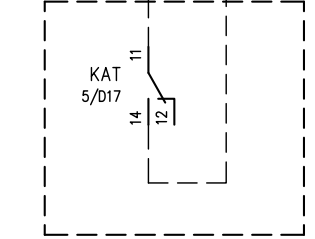
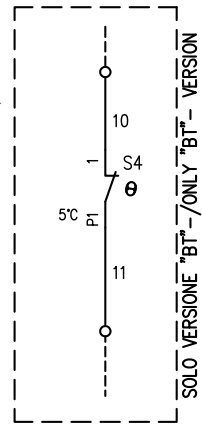


SCEL0602C



SOLO PER / ONLY FOR
VERSIONE/VERSION : Z

SOLO PER / ONLY FOR
VERSIONE CON RESISTENZE
WITH HEATERS VERSION



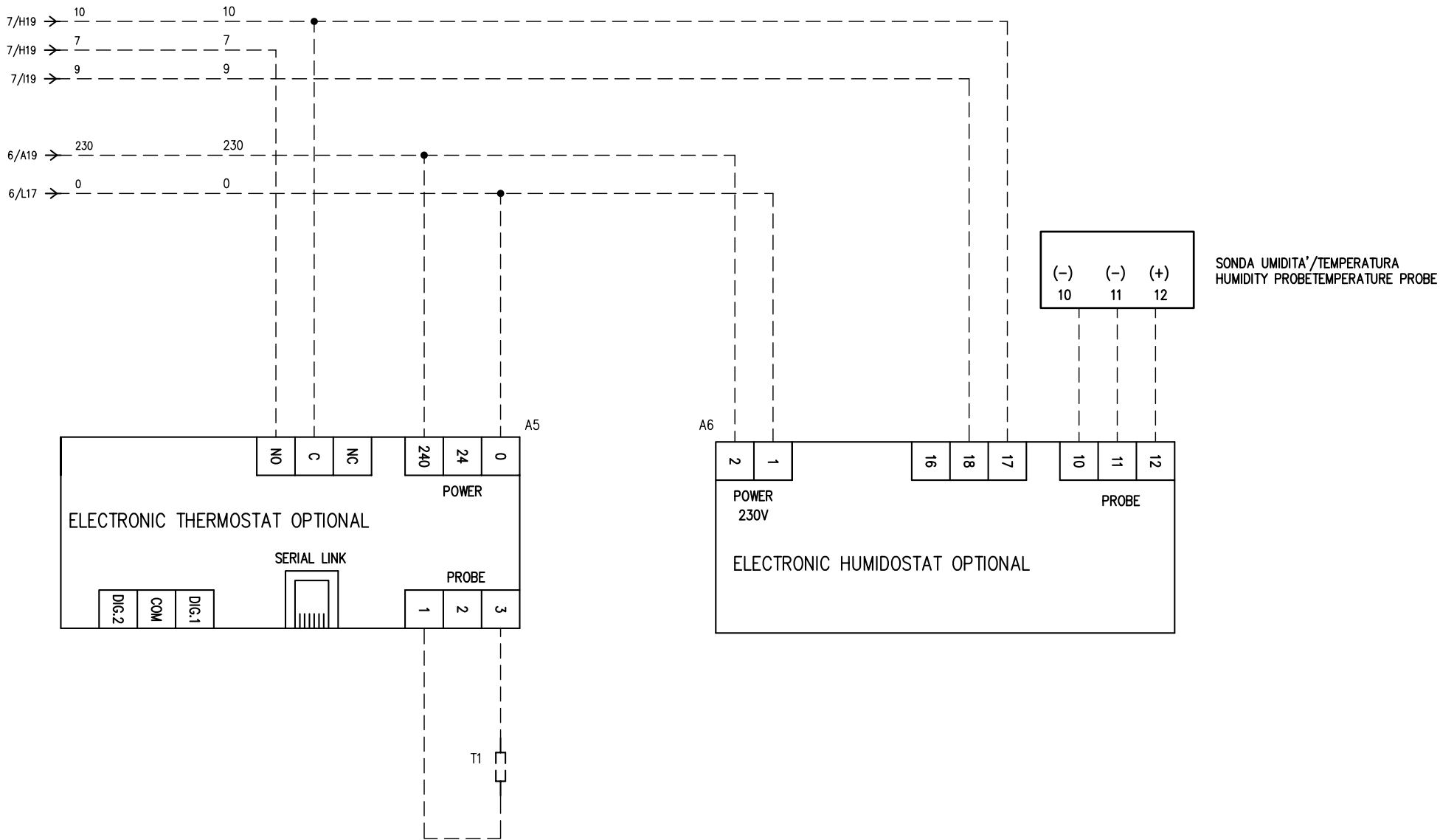
HDR05 INGRESSI DIGITALI/DIGITAL INPUTS

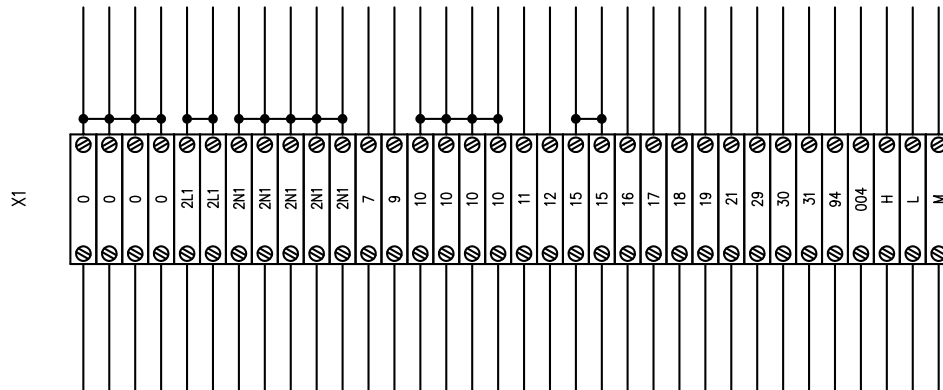
				DATE	09/07/2009														
				DRAFT	B.S.														
				CHECK	B.S.														
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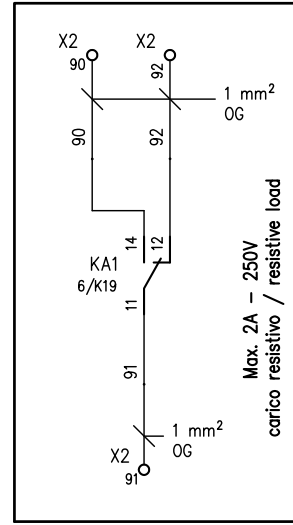
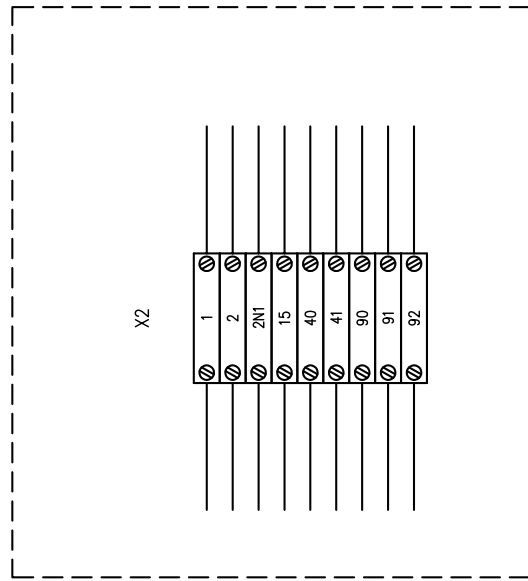
SCEL0602C

CONTROLLI ELETTRONICI TEMPERATURA E UMIDITA' TEMPERATURE-HUMIDITY ELECTRONIC CONTROLS

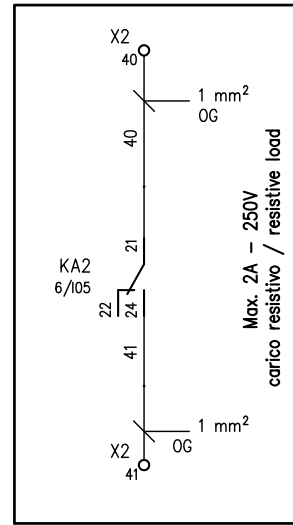




CONNESSIONI ESTERNE / EXTERNAL CONNECTIONS

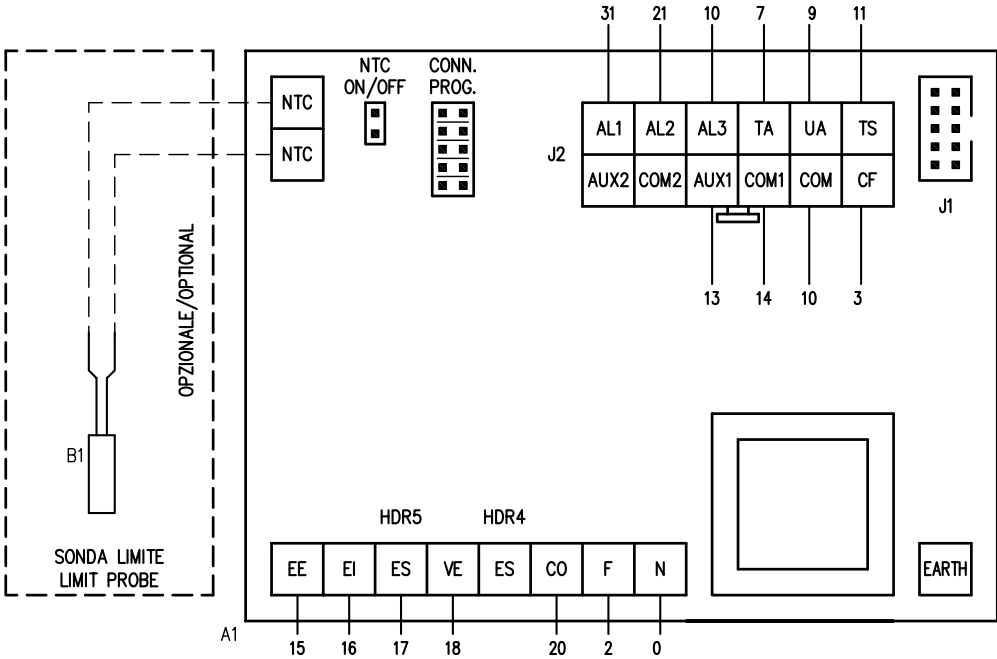


ALLARME GENERALE
GENERAL ALARM



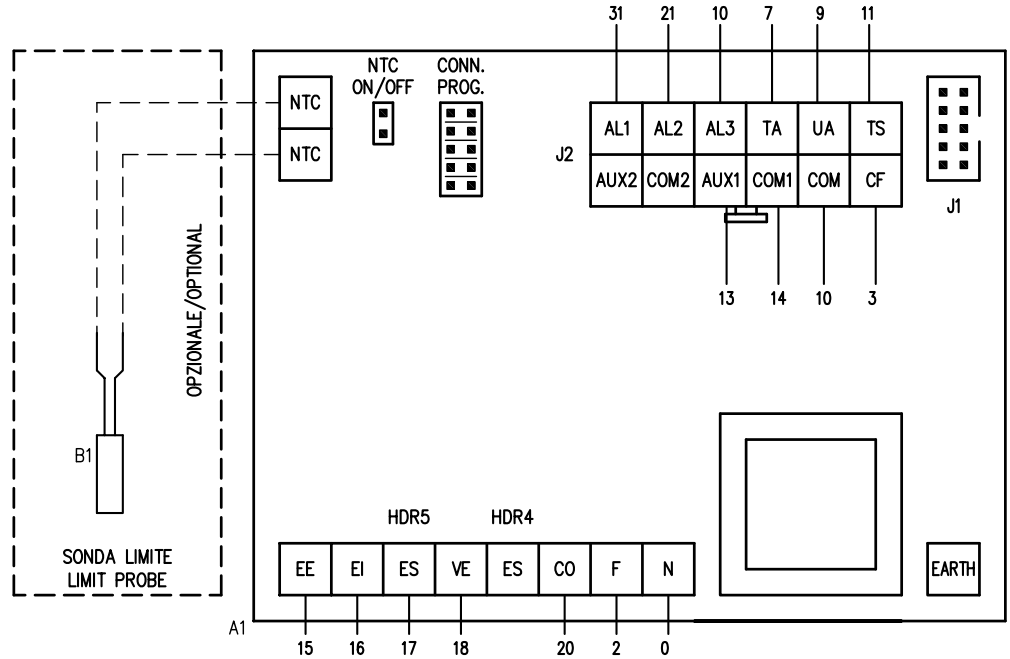
RELE' RISCALDAMENTO
HEATING RELAY

LAYOUT SCHEDA PER UNITA' SHH
LAYOUT BOARD FOR SHH UNITS



HDR05
mode = 8

LAYOUT SCHEDA PER UNITA' ITM
LAYOUT BOARD FOR ITM UNITS



HDR05
mode = 2 - AIR DEFROST
mode = 3 - GAS DEFROST
mode = 4 - GAS DEFROST : BT
mode = 5 - AIR DEFROST : Z
mode = 6 - GAS DEFROST : Z
mode = 7 - GAS DEFROST : BT - Z

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QUADRO – BOARD				IMPIANTO ESTERNO EXTERNAL WIRING				DESTINAZIONE LOCATION							
RIF.DIS.N. DWG.N.	CONDUTTORI CONDUCTORS		MORSETTI TERMINAL BLOCKS	IDENTIFIC. SU CAVO SINGLE IN CABLE	CAVI ESTERNI	EXTERNAL	CABLES	IDENTIFIC. SU CAVO SINGLE IN CABLE	COLLEG. ESTERNI	EXTERNAL LAYOUT	SIGLA ITEM	DESCRIZIONE DESCRIPTION			
	PG. POS.-ITEM	SEZIONE SECTION mm ²	IDENTIFIC. CONDUTTORE SINGLE CONDUCTOR		SIGLA ITEM	N.CAVO – Nr.CABLE N.CONDUCTORI x SEZ. Nr.CONDUCTORS x SECT.	LUNGHEZZA LENGHT mm		LIV. DISTURBO NOISE LEVEL	IDENTIFIC. CONDUTTORE SINGLE CONDUCTOR			CAPOCORDA ESTERNI EXTERNAL TERM. BLOCK		
			U1 KM1: 2	M1:U	W01 COMPRESSORE GUAINA D.16	1300+150		1	U1	FASTON A BANDIERA	M1:U	COMPRESSORE			
			V1 KM1: 4	M1:V				2	V1	FASTON A BANDIERA	M1:V	COMPRESSORE			
			W1 KM1: 6	M1:W				3	W1	FASTON A BANDIERA	M1:W	COMPRESSORE			
			PE PE: PE	M1:PE				4	PE	OCCHIELLO D.8	M1:PE	COMPRESSORE			
			12 X1: 12	R3				9	12	GIUNTO TESTA-TESTA	R3	RESISTENZA CARTER			
			2N1 X1: 2N1	R3				10	2N1	GIUNTO TESTA-TESTA	R3	RESISTENZA CARTER			
			18	M2:U				W02 VENTILATORE 3G1.5 FROR 450/750 V	550+50		BK	18	PUNTALINI	M2:U	VENTILATORE
			2N1	M2:W							BN	2N1	PUNTALINI	M2:W	VENTILATORE
			PE PE: PE	M2:PE							GYE	PE	PUNTALINI	M2:PE	VENTILATORE
			10 X1: 10	S2	W03 TERMOSTATO SBRINAMENTO 1 2x1 FROR 450/750 V	400+50		BN	10	FASTON ROSSI	S2	TERMOSTATO SBRINAMENTO 1			
			29 X1: 29	S2				BU	29	FASTON ROSSI	S2	TERMOSTATO SBRINAMENTO 1			
			29 X1: 29	S3	W04 TERMOSTATO SBRINAMENTO 2 2x1 FROR 450/750 V	1200+50		BN	29	FASTON ROSSI	S3	TERMOSTATO SBRINAMENTO 2			
			11 X1: 11	S3				BU	11	FASTON ROSSI	S3	TERMOSTATO SBRINAMENTO 2			
			19 X1: 19	SHP	W05 PRESSOSTATO ALTA PRESS. 2x1 FROR 450/750 V	1000+80		-	19	FASTON FEMMINA	SHP	PRESSOSTATO ALTA PRESSIONE			
			10 X1: 10	SHP				-	10	FASTON FEMMINA	SHP	PRESSOSTATO ALTA PRESSIONE			
			21 X1: 21	SLP	W06 PRESSOSTATO BASSA PRESS. 2x1 FROR 450/750 V	1000+80		-	21	FASTON FEMMINA	SLP	PRESSOSTATO BASSA PRESSIONE			
			10 X1: 10	SLP				-	10	FASTON FEMMINA	SLP	PRESSOSTATO BASSA PRESSIONE			

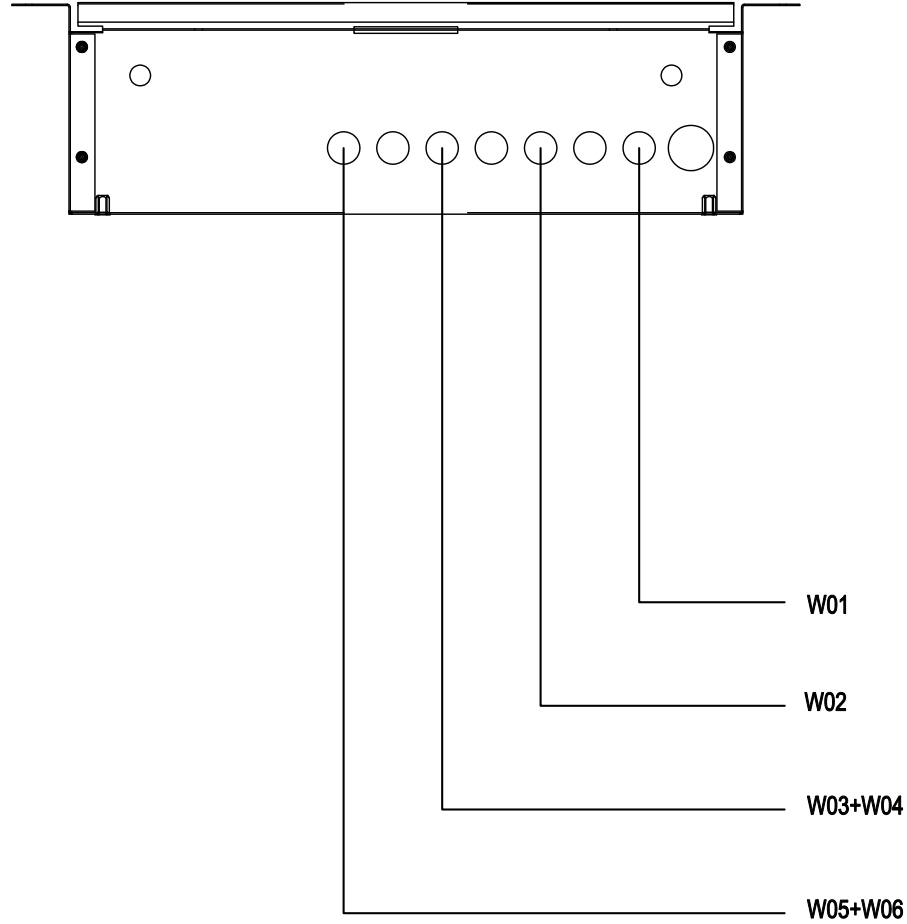
SEZIONE CONDUTTORI IN
CONDUCTORS SECTION ARE IN **mm²**

ESEGUIRE IL COLLEGAMENTO DI TERRA !!!
CONNECT TO GROUND !!!

					DATE 09/07/2009							
					DRAFT B.S.							
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REV.	MODIFICATIONS	DATE	SIGN	APPR. G.R.								

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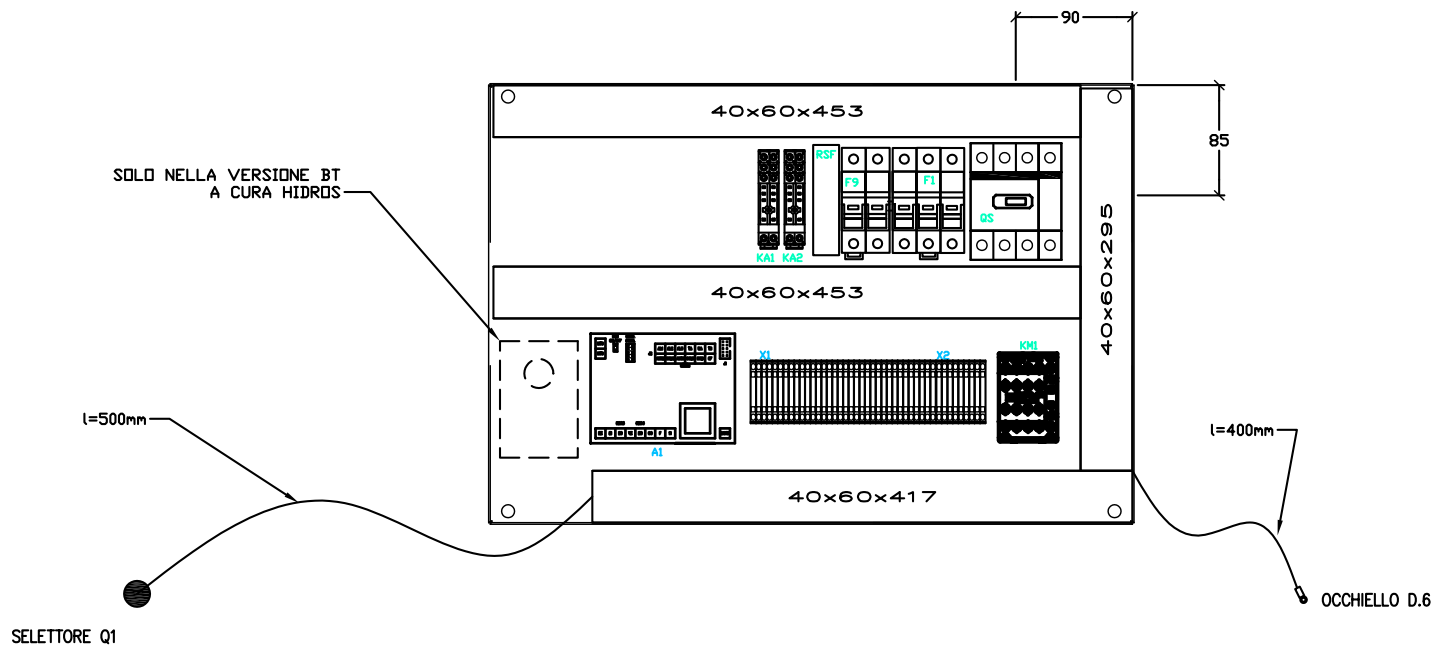
SHEET 11 OF 15
CONTINUE 12



				DATE	09/07/2009										
				DRAFT	B.S.										
				CHECK	B.S.										
REV.	MODIFICATIONS	DATE	SIGN	APPR.	G.R.							SHEET 12 OF 15		CONTINUE 13	
										SCEL0602C					



LAYOUT



				DATE	09/07/2009														
				DRAFT	B.S.														
				CHECK	B.S.														
REV.	MODIFICATIONS	DATE	SIGN	APPR.	G.R.														



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00	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
A	Ubicazione	Sigla	Descrizione	Note tecniche	Codice articolo	Descrizione articolo	Quantità	U.M.	Posizione										
B		A1	CONTROLLO ELETTRONICO		HDR05	Codice non valido	1		10/B08										
		F1	FUSIBILI COMPRESSORE	In - 20A gG	ITW2303038	Portaf sez.BCH 3x38 32A 690V	1	PCE	3/D12										
		F9	FUSIBILI AUSILIARI	In - 10A gG	ITW2302038	Portaf sez.BCH 2x38 32A 690V	1	PCE	4/B02										
C		KA1	RELE' ALLARME GENERALE		FIN405290120000	MINI RELÈ PER C.S.	1	PCE	6/K19										
		KA2	RELE' RISCALDAMENTO (MONTARE SOLO ZOCCOLO)		FIN405282300000	MINI RELÈ PER C.S.	1	PCE	6/I05										
		KM1	CONTATTORE COMPRESSORE		MOL277044	DILM17-01(230V50/60HZ) CONT.POT. 5,5KW 1NC	1	PCE	6/K14										
D		Q1	SELETTORE		AEG BFKS1 + AEG SESW10	SELETTORI + CONTATTI (NO)	1	PCE	5/B16										
		QS	INTERRUTTORE GENERALE		ABBE0 027 6	OT 32 E4 SEZIONATORE 32A 4P ROTATIVO	1	PCE	3/B07										
		RSF	RELE' SEQUENZA FASI		GAVDPA51CM44	Seq,manc,fase: 208-480 Vca - Guida DIN	1	PCE	3/F15										

E
F
G
H
I
J
K
L
M

				DATE	09/07/2009															
				DRAFT	B.S.															
				CHECK	B.S.															
REV.	MODIFICATIONS	DATE	SIGN	APPR.	G.R.															



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A		SIGLA INITIALS SIGLE KENNZEIC	POSIZIONE POSITION POSITION ORTEN	- Denominazione -	- Denomination -	- Denomination -	- Bezeichnung -
B	A1	10/C13	CONTROLLO ELETTRONICO	ELECTRONIC CONTROL			
	A2	4/F13	REGOLATORE DI VELOCITA' VENTILATORI	FANS SPEED REGULATOR			
	A3	7/B11	TERMOIGROSTATO	THERMOIGROSTAT			
C	A4	7/F17	UMIDOSTATO	HUMIDOSTAT			
	A5	8/H07	TERMOSTATO ELETTRONICO	ELECTRONIC THERMOSTAT			
	A6	8/H10	UMIDOSTATO ELETTRONICO	ELECTRONIC HUMIDOSTAT			
	B1	10/F11	SONDA LIMITE	LIMIT PROBE			
D	F1	3/D11	FUSIBILI COMPRESSORE	COMPRESSOR FUSES			
	F9	4/B02	FUSIBILI	FUSES			
	KA1	6/K19	RELE' ALLARME GENERALE	GENERAL ALARM RELAY			
	KA2	6/I05	RELE' RISCALDAMENTO	HEATING RELAY			
E	KM1	6/K14	CONTATTORE COMPRESSORE	COMPRESSOR CONTACTOR			
	M1	3/L12	COMPRESSORE	COMPRESSOR			
	M2	4/H05	VENTILATORE	FAN			
	M3	4/I15	VENTILATORE 1	FAN 1			
F	M4	4/I17	VENTILATORE 2	FAN 2			
	M5	5/K03	POMPA SCARICO CONDENZA	CONDENSATE DRIAN PUMP			
	Q1	5/B16	INTERRUTTORE ON - OFF	ON - OFF SWITCH			
	QS	3/B06	SEZIONATORE	MAIN SWITCH			
	QS1	4/I12	SEZIONATORE ESTERNO	EXTERNAL MAIN SWITCH			
G	R1	4/H03	RESISTENZE VASCHETTA	HEATERS TRAY			
	R3	5/H11	RESISTENZA CARTER	CRANCKCASE HEATER			
	RSF	3/H16	RELE' SEQUENZA FASI	PHASES SEQUENCE RELAY			
H	S2	7/C04	TERMOSTATO DI SBRINAMENTO	DEFROST THERMOSTAT			
	S3	7/F04	TERMOSTATO DI SBRINAMENTO	DEFROST THERMOSTAT			
	S4	7/K12	TERMOSTATO DI SBRINAMENTO	DEFROST THERMOSTAT			
	SLP	7/C02	PRESSOSTATO BASSA PRESSIONE	LOW PRESSURE PRESSOSTAT			
	SHP	7/C01	PRESSOSTATO ALTA PRESSIONE	HIGH PRESSURE PRESSOSTAT			
I	T1	8/L07	SONDA TEMPERATURA	TEMPERATURE PROBE			
	Y1	5/I08	ELETTROVALVOLA ACQUA CALDA	HOT WATER SOLENOID VALVE			
	YBP	6/I10	ELETTROVALVOLA SBRINAMENTO	DEFROST SOLENOID VALVE			
J	YME	6/I02	ELETTROVALVOLA RAFFREDDAMENTO	COOLING SOLENOID VALVE			
	YMI	6/I09	ELETTROVALVOLA DEUMIDIFICA	DRYING SOLENOID VALVE			
	YRD	6/I03	ELETTROVALVOLA SCARICO COND. DEUM.	DRYING DISCH. SOLENOID VALVE			
	YRR	6/I07	ELETTROVALVOLA SCARICO COND. RAFF.	CONDENSING DRAIN SOLENOID VALVE			
K							
L							
M							