SOFTWARE FAMILY:	SOFTWARE RELEASE:	PARAMETERS DESCRIPTOR(E2):
EUC2, 69	15	10

Revision:
0.0 2020/03/05

GENERAL RULES:

CRC calculation: standard modbus RTU CRC

Baudrate	9600
Data Lenght	8
Parity	none
Stop bit	1
Minimum TimeOut	60ms

ANALOG INPUT

Reading function code: 0x 03

The data received must be added to "Offset" and then multiplied by "Gain".
The result can have "Dec" decimal digit

Example:

sent	ADDR+FUNCTION CODE + 01070001+CRC		
received	ADDR+03020289+CRC		
where			
	0x0289 = 697	(697 + 0)* 0,01 = 6,9 bar	ProbeP1_Pres_bar
	0x0289 = 697	(697 + 0)* 0,145 = 101.0 PSI	ProbeP1_Pres_PSI
	0x0289 = 697	(697 + 0)* 1 = 697 KPA	ProbeP1_Pres_KPA

	HEX	HEX	HEX	HEX							
Name	***Read Register***	***Num. Elements Read***	***Write Register***	***Num. Elements Write***	***Gain***	***Dec***	***Offset***	***Unit***	***Byte ORDER***	***Format***	***R / W***
ProbeP1_Pres_bar	0107	0001	\	\	0,01	1	0	bar	H-L	16 bit Signed	R
ProbeP1_Pres_PSI	0107	0001	\	\	0,145	1	0	PSI	H-L	16 bit Signed	R
ProbeP1_Pres_KPA	0107	0001	\	\	1	0	0	KPA	H-L	16 bit Signed	R
ProbeP1_Temp_C	0110	0001	\	\	0,1	1	0	°C	H-L	16 bit Signed	R
ProbeP1_Temp_F	0111	0001	\	\	0,1	0	0	°F	H-L	16 bit Signed	R
ProbeP2_Pres_bar	0108	0001	\	\	0,01	1	0	bar	H-L	16 bit Signed	R
ProbeP2_Pres_PSI	0108	0001	\	\	0,145	1	0	PSI	H-L	16 bit Signed	R
ProbeP2_Pres_KPA	0108	0001	\	\	1	0	0	KPA	H-L	16 bit Signed	R
ProbeP2_Temp_C	0108	0001	\	\	0,1	1	0	°C	H-L	16 bit Signed	R
ProbeP2_Temp_F	0112	0001	\	\	0,1	0	0	°F	H-L	16 bit Signed	R
ProbeP3_C	0109	0001	\	\	0,1	1	0	°C	H-L	16 bit Signed	R
ProbeP3_F	0113	0001	\	\	0,1	0	0	°F	H-L	16 bit Signed	R
ProbeP4_C	010A	0001	\	\	0,1	1	0	°C	H-L	16 bit Signed	R
ProbeP4_F	0114	0001	\	\	0,1	0	0	°F	H-L	16 bit Signed	R
ProbeP5_C	010B	0001	\	\	0,1	1	0	°C	H-L	16 bit Signed	R
ProbeP5_F	0115	0001	\	\	0,1	0	0	°F	H-L	16 bit Signed	R
ProbeP6_C	010C	0001	\	\	0,1	1	0	°C	H-L	16 bit Signed	R
ProbeP6_F	0116	0001	\	\	0,1	0	0	°F	H-L	16 bit Signed	R
ProbeP7_C	010D	0001	\	\	0,1	1	0	°C	H-L	16 bit Signed	R
ProbeP7_F	0117	0001	\	\	0,1	0	0	°F	H-L	16 bit Signed	R
Superheat_C	010F	0001	\	\	0,1	1	0	°C	H-L	16 bit Signed	R
Superheat_F	0119	0001	\	\	0,1	0	0	°F	H-L	16 bit Signed	R

ANALOG OUTPUT

Reading function code: 0x 03

The data received must be added to "Offset" and then multiplied by "Gain".
The result can have "Dec" decimal digit

	HEX	HEX	HEX	HEX							
Name	***Read Register***	***Num. Elements Read***	***Write Register***	***Num. Elements Write***	***Gain***	***Dec***	***Offset***	***Unit***	***Byte ORDER***	***Format***	***R / W***
TriacOutput1_Mode	0900	0001	\	\	1	0	0	\	H-L	16 bit Unsigned	R
TriacOutput1_Pcnt	0901	0001	\	\	1	0	0	%	H-L	16 bit Unsigned	R
TriacOutput2_Mode	0902	0001	\	\	1	0	0	\	H-L	16 bit Unsigned	R
TriacOutput2_Pcnt	0903	0001	\	\	1	0	0	%	H-L	16 bit Unsigned	R
EXVOutputSteps	0904	0001	\	\	1	0	0	steps	H-L	16 bit Unsigned	R
EXVoutputPercent	0905	0001	\	\	0,1	0	0	%	H-L	16 bit Unsigned	R
Current1	1017	0001	\	\	0,001	1	0	A	H-L	16 bit Signed	R
Current2	1018	0001	\	\	0,001	1	0	A	H-L	16 bit Signed	R
VoltageSensing1	1019	0001	\	\	0,01	1	0	V	H-L	16 bit Signed	R
VoltageSensing2	101A	0001	\	\	0,01	1	0	V	H-L	16 bit Signed	R
VoltageSensing3	101B	0001	\	\	0,01	1	0	V	H-L	16 bit Signed	R

DIGITAL INPUT

Reading function code: 0x 01

The data received worked with "Mask", if the result equal to "Value"
That present the variable activate, otherwise the variable is inactive

Example:

sent	ADDR+0302000001+CRC		
received	ADDR+03020030+CRC		
where			
	0x0030 And 0x0010 = 0x0010	"DI01" is active	
	0x0030 And 0x0020 = 0x0020	"DI02" is active	
	0x0030 And 0x0040 = 0x0000	"DI03" is inactive	

	HEX	HEX	HEX	HEX							
Name	***Read Register***	***Num. Elements Read***	***MASK***	***VALUE***							***R / W***
DI01	0200	0001	0010	0010							R
DI02	0200	0001	0020	0020							R
DI03	0200	0001	0040	0040							R

DIGITAL OUTPUT

Reading function code: 0x 03

The data received worked with "Mask", if the result equal to "Value"
That present the variable activate, otherwise the variable is inactive

Example:

sent	ADDR+0308000001+CRC	
received	ADDR+03020003+CRC	
where		
	0x0003 And 0x0001 = 0x0001	"RL1" is active
	0x0003 And 0x0002 = 0x0002	"RL2" is active
	0x0003 And 0x0004 = 0x0000	"RL3" is inactive

	HEX	HEX	HEX	HEX							
Name	***Read Register***	***Num. Elements Read***	***MASK***	***VALUE***							***R / W***
RL1	0800	0001	0001	0001							R
RL2	0800	0001	0002	0002							R
RL3	0800	0001	0004	0004							R
RL4	0800	0001	0008	0008							R
RL5	0800	0001	0010	0010							R

Device Status

Reading function code: 0x 03

The data received worked with "Mask", if the result equal to "Value"
That present the variable activate, otherwise the variable is inactive

Example:

sent	ADDR+0305000001+CRC	
received	ADDR+03020300+CRC	
where		
	0x0300 And 0x0100 = 0x0100	"On" is active
	0x0300 And 0x0200 = 0x0200	"KeyboardLock" is active
	0x0300 And 0x0400 = 0x0000	"EnergySaving" is active

	HEX	HEX	HEX	HEX							
Name	***Read Register***	***Num. Elements Read***	***MASK***	***VALUE***							***R / W***
On	0500	0001	0100	0100							R
KeyboardLock	0500	0001	0200	0200							R
EnergySaving	0500	0001	0400	0000							R

ALARMS

Reading function code: 0x 03

The data received worked with "Mask", if the result equal to "Value"
That present the variable activate, otherwise the variable is inactive

Example:

sent	ADDR+030D000001+CRC	
received	ADDR+03020003+CRC	
where		
	0x0003 And 0x0001 = 0x0001	"Error Pb1" is active
	0x0003 And 0x0002 = 0x0002	"Error Pb2" is active
	0x0003 And 0x0004 = 0x0000	"Error Pb3" is inactive

	HEX	HEX	HEX	HEX							
Name	***Read Register***	***Num. Elements Read***	***MASK***	***VALUE***							***R / W***
ErrorPb1	0D00	0001	0001	0001							R
ErrorPb2	0D00	0001	0002	0002							R
ErrorPb3	0D00	0001	0004	0004							R
ErrorPb4	0D00	0001	0008	0008							R
ErrorPb5	0D00	0001	0010	0010							R
ErrorPb6	0D00	0001	0020	0020							R
ErrorPb7	0D00	0001	0040	0040							R
BatteryErr	0D00	0001	0080	0080							R
CS1Err	0D00	0001	0100	0100							R
CS2Err	0D00	0001	0200	0200							R
VS1Err	0D00	0001	0400	0400							R
VS2Err	0D00	0001	0800	0800							R
VS3Err	0D00	0001	1000	1000							R
PhaseErr	0D01	0001	0001	0001							R
PhaseErrLockout	0D01	0001	0002	0002							R
PhaseSeqErrLockout	0D01	0001	0004	0004							R
PhaseImbalance	0D01	0001	0008	0008							R
OverCurrentAlr	0D01	0001	0010	0010							R
OverCurrentLockout	0D01	0001	0020	0020							R
OpenRunCirc.Err	0D01	0001	0040	0040							R
OpenRunCirc.Lockout	0D01	0001	0080	0080							R
OpenStartCirc.Err	0D01	0001	0100	0100							R
OpenStartCirc.Lkt	0D01	0001	0200	0200							R
UnderVoltageAlr	0D01	0001	0400	0400							R
UnderVoltageLockout	0D01	0001	0800	0800							R
OverVoltageAlr	0D01	0001	1000	1000							R
OverVoltageLockout	0D01	0001	2000	2000							R
Build-inThermProtErr	0D01	0001	4000	4000							R
CurrentFreqErrLkt	0D01	0001	8000	8000							R
PowerSupplyErr	0D02	0001	0001	0001							R
Current Imbalance Lkt	0D02	0001	0002	0002							R
HiPresSwitchOpen	0D03	0001	0001	0001							R
HiPresSwitchLkt	0D03	0001	0002	0002							R
LowPresSwitchOpen	0D03	0001	0004	0004							R
HiSuctionPresAlr	0D03	0001	0008	0008							R
LoSuctionPresAlr	0D03	0001	0010	0010							R
High-DLT-Alr	0D03	0001	0020	0020							R
High-DLT-Lockout	0D03	0001	0040	0040							R
HiCondPresAlr	0D03	0001	0080	0080							R
HiCondTempAlr	0D03	0001	0100	0100							R
EXVFullOpenAlr	0D03	0001	0200	0200							R
RefShortageAlr	0D03	0001	0400	0400							R
PumpDownAlr	0D03	0001	0800	0800							R
HiSideFloodBack	0D03	0001	1000	1000							R
ColdStartAlr	0D03	0001	2000	2000							R
ColdStartLockoutAlr	0D03	0001	4000	4000							R
MOPAlr	0D04	0001	0001	0001							R
LOPAlr	0D04	0001	0002	0002							R
HiSuperheatAlr	0D04	0001	0004	0004							R
LoSuperheatAlr	0D04	0001	0008	0008							R
HiRoomTemp	0D04	0001	0010	0010							R
LoRoomTemp	0D04	0001	0020	0020							R
DoorOpenAlr	0D04	0001	0040	0040							R

RTC_Alarm	0D05	0001	0001	0001							R
RTF_Alarm	0D05	0001	0002	0002							R
PbConfigErr	0D05	0001	0004	0004							R
DIConfigErr	0D05	0001	0008	0008							R
CompConfigErr	0D05	0001	0010	0010							R
EVIConfigErr	0D05	0001	0020	0020							R
EEPROMFailure	0D05	0001	0040	0040							R
Liquid switch active alarm	0D05	0001	0100	0100							R
Compressor safety chain	0D05	0001	0200	0200							R
Compressor safety chain	0D05	0001	0400	0400							R
over current CMP2	0D05	0001	0800	0800							R
over current lockout	0D05	0001	1000	1000							R
No current of CMP2	0D05	0001	2000	2000							R
Discharge line	0D05	0001	4000	4000							R
Discharge line	0D05	0001	8000	8000							R
lack oil alrm	0D06	0001	0001	0001							R
lack oil lockout alarm	0D06	0001	0002	0002							R
fan contact alarm	0D06	0001	0004	0004							R
refrigerant leak alarm	0D06	0001	0008	0008							R
rescue mode ativate alarm	0D06	0001	0010	0010							R

COMMANDS

Writing function code: 0x 10

Data Format:
ADDR + 0x10 + register address + written elements number + written bytes number + written value

example:

1005000001020101	writing value "0x0101" to register 0x0500	DeviceON
1005000001020001	writing value "0x0001" to register 0x0500	DeviceOFF

	HEX										
Name	***Modbus Command***										***R / W***
DeviceON	05000001020101										W
DeviceOFF	05000001020001										W
Keyboard-Lock	05000001020202										W
keyboard-Unlock	05000001020002										W
EnergySavingON	05000001020404										W
EnergySavingOFF	05000001020004										W

SOFTWARE FAMILY: EUC2, 69

SOFTWARE RELEASE: 15

PARAMETERS DESCRIPTOR(E2): 10

Revision:
0.0 2020/03/05

GENERAL RULES:

CRC calculation: standard modbus RTU CRC

Baudrate	9600
Data Lenght	8
Parity	none
Stop bit	1
Minimum TimeOut	60ms

Reading function code:0x 03
Writing function code: 0x 10

R/W	DEC	REGISTER[hex]	VAR NAME	DESCRIPTION	GROUP	LENGHT	TYPE	GAIN	DEC
R/W	24576	6000	A01	Probe P1 configuration	A - PROBE CONFIG	byte	Not used(0-NU) - Suction pressure (0-5V)(1-SUP)	1	0
R/W	24577	6001	A02	Start of scaling for probe 1 (0-5V)	A - PROBE CONFIG	word	0-5V: -1.5 bar to A03; -21 PSI to A03; -150 KPA to A03	[0.1][1]	[1][0]
R/W	24578	6002	A03	End of scaling for probe 1 (0-5V)	A - PROBE CONFIG	word	0-5V: A02 to 99.9 bar; A02 to 999 PSI; A02 to 999 KPA	[0.1][1]	[1][0]
R/W	24579	6003	A04	Probe P1 calibration	A - PROBE CONFIG	word	0-5V: -12.0 bar to 12.0 bar; -12.0 PSI to 12.0 PSI; -120 KPA to 120 KPA	[0.1][1]	[1][0]
R/W	24580	6004	A05	Probe P1 reading error delay (P1C=0-5V)	A - PROBE CONFIG	byte	0-255 min	1	0
R/W	24581	6005	A06	Probe P2 configuration	A - PROBE CONFIG	byte	Not used(0-NU) - Mid coil temperature (NTC10K)(1-MCT) - Mid coil pressure (0-5V)(2-MCP)	1	0
R/W	24582	6006	A07	Start of scaling for probe 2	A - PROBE CONFIG	word	0-5V: -1.5 bar to A08; -21 PSI to A08; -150 KPA to A08 NTC10K: -40°C to A08; -40°F to A08	[0.1][1]	[1][0]
R/W	24583	6007	A08	End of scaling for probe 2	A - PROBE CONFIG	word	0-5V: A07 to 99.9 bar; A07 to 999 PSI; A07 to 999 KPA NTC10K: A07 to 110°C; A07 to 230 °F	[0.1][1]	[1][0]
R/W	24584	6008	A09	Probe P2 calibration	A - PROBE CONFIG	word	0-5V: -12.0 bar to 12.0 bar; -12 PSI to 12 PSI; -120 KPA to 120 KPA NTC10K : -12°C to 12°C; -21°F to 21 °F	[0.1][1]	[1][0]
R/W	24585	6009	A10	Probe P2 reading error delay (P2C=0-5V)	A - PROBE CONFIG	byte	0-255 min	1	0
R/W	24586	600A	A11	Probe P3 configuration	A - PROBE CONFIG	byte	Not used(0-NU) - Discharge Line Temperature(1-DLT)	1	0
R/W	24587	600B	A12	Probe P3 calibration	A - PROBE CONFIG	word	-12°C to 12°C; -21°F to 21 °F	[0.1][1]	[1][0]
R/W	24588	600C	A13	Probe P4 configuration	A - PROBE CONFIG	byte	Not used(0-NU) - Ambient Temp(NTC10K)(1-AMT) - Thermostat Temp(NTC10K)(2-TMT) - Vapor inlet Temp(NTC10K)(3-UIT) - Vapor outlet Temp(NTC10K)(4-UOT) - Evaporator Temp(NTC10K)(5-EPT) - Liquid Temp(NTC10K)(6-LLT)-Suction line Temp(7-SLT)-Coil Temp(8-COT)	1	0
R/W	24589	600D	A14	Probe P4 calibration	A - PROBE CONFIG	word	-12°C to 12°C; -21°F to 21 °F	[0.1][1]	[1][0]
R/W	24590	600E	A15	Probe P5 configuration	A - PROBE CONFIG	byte	Not used(0-NU) - Ambient Temp(NTC10K)(1-AMT) - Thermostat Temp(NTC10K)(2-TMT) - Vapor inlet Temp(NTC10K)(3-UIT) - Vapor outlet Temp(NTC10K)(4-UOT) - Evaporator Temp(NTC10K)(5-EPT) - Liquid Temp(NTC10K)(6-LLT)-Suction line Temp(7-SLT)-Coil Temp(8-COT)	1	0
R/W	24591	600F	A16	Probe P5 calibration	A - PROBE CONFIG	word	-12°C to 12°C; -21°F to 21 °F	[0.1][1]	[1][0]
R/W	24592	6010	A17	Probe P6 configuration	A - PROBE CONFIG	byte	Not used(0-NU) - Ambient Temp(NTC10K)(1-AMT) - Thermostat Temp(NTC10K)(2-TMT) - Vapor inlet Temp(NTC10K)(3-UIT) - Vapor outlet Temp(NTC10K)(4-UOT) - Evaporator Temp(NTC10K)(5-EPT) - Liquid Temp(NTC10K)(6-LLT)-Suction line Temp(7-SLT)-Coil Temp(8-COT)	1	0
R/W	24593	6011	A18	Probe P6 calibration	A - PROBE CONFIG	word	-12°C to 12°C; -21°F to 21 °F	[0.1][1]	[1][0]
R/W	24594	6012	A19	Probe P7 configuration	A - PROBE CONFIG	byte	Not used(0-NU) - Ambient Temp(NTC10K)(1-AMT) - Thermostat Temp(NTC10K)(2-TMT) - Vapor inlet Temp(NTC10K)(3-UIT) - Vapor outlet Temp(NTC10K)(4-UOT) - Evaporator Temp(NTC10K)(5-EPT) - Liquid Temp(NTC10K)(6-LLT)-Suction line Temp(7-SLT)-Coil Temp(8-COT)	1	0
R/W	24595	6013	A20	Probe P7 calibration	A - PROBE CONFIG	word	-12°C to 12°C; -21°F to 21 °F	[0.1][1]	[1][0]
R/W	24596	6014	A21	delay before activating probe error	A - PROBE CONFIG	byte	0-255 sec	1	0
R/W	24597	6015	B01	Measurement unit for pressure	B - DISPLAY	2bit	bar(0-BAR) - PSI(1-PSI) - KPA(2-TPA)	1	0
R/W	24598	6016	B02	Measurement unit for temperature	B - DISPLAY	1bit	°C(0-C) - °F(1-F)	1	0
R/W	24599	6017	B03	Remote Display visualization	B - DISPLAY	byte	P1(0-P1) - P2(1-P2) - P3(2-P3) - P4(3-P4) - P5(4-P5) - P6(5-P6) - P7(6-P7) PEr(7-PER) - Aou(8-AOU)	1	0
R/W	24600	6018	B04	Filter enabling for probe reading	B - DISPLAY	1bit	n(0-NO) - Y(1-YES)	1	0
R/W	24601	6019	B05	Coefficient for probe reading filter(0=max, 100=disable)	B - DISPLAY	byte	0 to 100, mEd(101)	1	0
R/W	24602	601A	C01	Compressor cut in pressure set point	C - COMPRESSOR	word	C02 to C04	[0.1][1]	[1][0]
R/W	24603	601B	C02	Compressor cut out pressure set point	C - COMPRESSOR	word	C03 to C01	[0.1][1]	[1][0]
R/W	24604	601C	C03	Minimum set point for suction pressure	C - COMPRESSOR	word	A02 to C04; -50.0°C to C04; -58 °F to C04;	[0.1][1]	[1][0]
R/W	24605	601D	C04	Maximum set point for suction pressure	C - COMPRESSOR	word	C03 to A03; C03 to 60.0°C; C03 to 140°F;	[0.1][1]	[1][0]
R/W	24606	601E	C05	Compressor regulation probe selection	C - COMPRESSOR	4bit	nu(0-NU) - suction pressure probe(1-SUP) - case temperature(2-CST) - suction pressure switch(3-SUS)	1	0
R/W	24607	601F	C06	EXV closing time before compressor off	C - COMPRESSOR	word	0 to 999 sec	1	0
R/W	24608	6020	C07	refrigerant Selection for Regulation	C - COMPRESSOR	4bit	R404A(0-404) - R507(1-507) - R134A(2-134) - R22(3-R22) - R407C(4-07C) - R407A(5-07A) - R407F(6-07F) - N40(7N40) - DR33(8-R33) - R410A(9-410)	1	0
R/W	24609	6021	C08	Set point offset	C - COMPRESSOR	4bit	NV(0-NU) - Small offset(1-SOF) - Medium offset(2-MOF) - Large offset(3-LOF) - LAO(4-FOF)	1	0
R/W	24610	6022	C09	Ambient temperature operation set point	C - COMPRESSOR	word	-40°C to 110°C; -40 to 230°F	[0.1][1]	[1][0]
R/W	24611	6023	C10	pressure/temperature operation for ambient differential	C - COMPRESSOR	word	0.0Bar to 9.9Bar; 0.0PSI to 99.9PSI; 0KPA to 999KPA; 0.0°C to 25.5 °C; 0 °F to 45 °F	[0.1][1]	[1][0]
R/W	24612	6024	C11	Ambient temperature Recover differential	C - COMPRESSOR	word	0.1°C to 25.5 °C; 1 °F to 45 °F	[0.1][1]	[1][0]
R/W	24613	6025	C12	Ambient temperature threshold for low ambient operation	C - COMPRESSOR	word	-40°C to 110°C; -40 to 230°F	[0.1][1]	[1][0]
R/W	24614	6026	C13	Temperature/Pressure to end low ambient timer and resume normal operation	C - COMPRESSOR	word	-40°C to 110°C; -40 to 230°F -1.5 to 99.9 bar; -21 to 999 PSI; -150 to 999KPA	[0.1][1]	[1][0]
R/W	24615	6027	C14	compressor minimum on time in low ambient operation	C - COMPRESSOR	byte	0 to 255 sec	1	0
R/W	24616	6028	C15	Pressure to end low ambient timer and shut off the compressor	C - COMPRESSOR	word	-1.5 to 99.9 bar; -21.0 to 999 PSI; -150 to 999KPA	[0.1][1]	[1][0]
R/W	24617	6029	C16	Digital compressor set point	C - COMPRESSOR	word	C03 to C04	[0.1][1]	[1][0]
R/W	24618	602A	C17	Proportional band for compressor regulation	C - COMPRESSOR	word	0.1 to 9.9 bar; 0.1 to 99.9 PSI; 1 to 999KPA; 0.1°C to 25.5°C; 1°F to 45°F	[0.1][1]	[1][0]
R/W	24619	602B	C18	Band offset for compressor regulation	C - COMPRESSOR	word	0 to 9.9 bar; 0 to 99.9 PSI; 0 to 999KPA; 0.0°C to 25.5°C; 0°F to 45°F	[0.1][1]	[1][0]

R/W									
R/W	24620	602C	C19	Integral time	C - COMPRESSOR	word	0 to 999 sec	1	0
R/W	24621	602D	C20	Start up time: interval with digital valve before start regulation	C - COMPRESSOR	byte	0.0 to 10.0 sec	1	0
R/W	24622	602E	C21	Cycle time for digital compressor	C - COMPRESSOR	byte	10 to 40 sec	1	0
R/W	24623	602F	C22	Safety value for PI regulator (in case of probe error)	C - COMPRESSOR	byte	0 to 100%	1	0
R/W	24624	6030	C23	Number of active compressor when probe error	C - COMPRESSOR	byte	0(0) - 1(1) - 2(2)	1	0
R/W	24625	6031	C24	Minimum capacity for digital compressor	C - COMPRESSOR	byte	0 to C25	1	0
R/W	24626	6032	C25	Maximum capacity for digital compressor	C - COMPRESSOR	byte	C24 to 100	1	0
R/W	24627	6033	C26	Time with DGS at PMA before starting another load	C - COMPRESSOR	byte	0 to 255 sec	1	0
R/W	24628	6034	C27	Time with DGS at PMi before switching off another load	C - COMPRESSOR	byte	0 to 255 sec	1	0
R/W	24629	6035	C28	R404A Enable function	C - COMPRESSOR	1bit	Disable(0-NO) - Enable(1-YES)	1	0
R/W	24630	6036	C29	R507 Enable function	C - COMPRESSOR	1bit	Disable(0-NO) - Enable(1-YES)	1	0
R/W	24631	6037	C30	R134A Enable function	C - COMPRESSOR	1bit	Disable(0-NO) - Enable(1-YES)	1	0
R/W	24632	6038	C31	R22 Enable function	C - COMPRESSOR	1bit	Disable(0-NO) - Enable(1-YES)	1	0
R/W	24633	6039	C32	R407C Enable function	C - COMPRESSOR	1bit	Disable(0-NO) - Enable(1-YES)	1	0
R/W	24634	603A	C33	R407A Enable function	C - COMPRESSOR	1bit	Disable(0-NO) - Enable(1-YES)	1	0
R/W	24635	603B	C34	R407F Enable function	C - COMPRESSOR	1bit	Disable(0-NO) - Enable(1-YES)	1	0
R/W	24636	603C	C35	R448A Enable function	C - COMPRESSOR	1bit	Disable(0-NO) - Enable(1-YES)	1	0
R/W	24637	603D	C36	R449A Enable function	C - COMPRESSOR	1bit	Disable(0-NO) - Enable(1-YES)	1	0
R/W	24638	603E	C37	R410A Enable function	C - COMPRESSOR	1bit	Disable(0-NO) - Enable(1-YES)	1	0
R/W	24639	603F	C38	Compressor regulation control signal	C - COMPRESSOR	1bit	Pressure(0-PRS) - temperature(1-TMP)	1	0
R/W	24640	6040	C39	Supervisor set point enable/disable	C - COMPRESSOR	1bit	no(0-NU) - YES(1-YES)	1	0
R/W	24641	6041	D01	Output delay at start up	D - COMPRESSOR SAFETY	byte	0 to 255 sec	1	0
R/W	24642	6042	D02	Compressor On time with faulty probe	D - COMPRESSOR SAFETY	byte	0 to 255 min	1	0
R/W	24643	6043	D03	Compressor OFF time with faulty probe	D - COMPRESSOR SAFETY	byte	0 to 255 min	1	0
R/W	24644	6044	D04	Minimum time between two starts (same compressor)	D - COMPRESSOR SAFETY	word	0 to 15 min	1	0
R/W	24645	6045	D05	Delay between compressor switch-off and start-up (same compressor)	D - COMPRESSOR SAFETY	word	1 to 900 sec	1	0
R/W	24646	6046	D06	Delay between two different loads startup	D - COMPRESSOR SAFETY	word	[0÷99.5] min res.10sec	1	0
R/W	24647	6047	D07	Delay between two different loads switch-off	D - COMPRESSOR SAFETY	word	[0÷99.5] min res.10sec	1	0
R/W	24648	6048	D08	Minimum time a stage stays switched ON	D - COMPRESSOR SAFETY	word	[0÷99.5] min res.10sec	1	0
R/W	24649	6049	D09	Maximum time a stage stays switched on	D - COMPRESSOR SAFETY	byte	[0.00÷24.00] hour res.10min	1	0
R/W	24650	604A	D10	don delay enabled also for the first request	D - COMPRESSOR SAFETY	1bit	no(0-NU) - YES(1-YES)	1	0
R/W	24651	604B	D11	doF delay enable also for the first switching off	D - COMPRESSOR SAFETY	1bit	no(0-NU) - YES(1-YES)	1	0
R/W	24652	604C	D12	Pressure/temperature alarm delay	D - COMPRESSOR SAFETY	word	0 to 999 sec	1	0
R/W	24653	604D	D13	Low suction pressure error signal enabling	D - COMPRESSOR SAFETY	1bit	no(0-NU) - YES(1-YSE)	1	0
R/W	24654	604E	D14	Compressor minimum off time for high pressure switch protection	D - COMPRESSOR SAFETY	byte	0 - 15 min	1	0
R/W	24655	604F	D15	Number of high pressure switch activation before compressor lock	D - COMPRESSOR SAFETY	byte	0 - 15	1	0
R/W	24656	6050	D16	Bump start enable	D - COMPRESSOR SAFETY	1bit	no(0-NO) - YES(1-YES)	1	0
R/W	24657	6051	D17	Bump start ambient threshold	D - COMPRESSOR SAFETY	word	-40°C to 110°C; -40°F to 230°F	[0.1][1]	[1][0]
R/W	24658	6052	D18	Compressor stop time for next bump start	D - COMPRESSOR SAFETY	byte	0.0 to 23h50 minutes	1	0
R/W	24659	6053	D19	Compressor on time during bump function	D - COMPRESSOR SAFETY	byte	1 to 15 sec	1	0
R/W	24660	6054	D20	Compressor off time during bump function	D - COMPRESSOR SAFETY	byte	1 to 15 sec	1	0
R/W	24661	6055	D21	Number of cycle during bump start	D - COMPRESSOR SAFETY	byte	1 to 15	1	0
R/W	24662	6056	D22	DLT alarm temperature to stop compressor	D - COMPRESSOR SAFETY	word	-40 to 180°C; -40 to 356°F;	[0.1][1]	[1][0]
R/W	24663	6057	D23	DLT alarm recover temperature to turn on compressor	D - COMPRESSOR SAFETY	word	-40 to 180°C; -40 to 356°F;	[0.1][1]	[1][0]
R/W	24664	6058	D24	DLT alarm activation delay	D - COMPRESSOR SAFETY	byte	0 to 255 sec	1	0
R/W	24665	6059	D25	Compressor minimum off time for DLT Alarm	D - COMPRESSOR SAFETY	byte	0 to 255 min	1	0
R/W	24666	605A	D26	Number of DLT alarm activation before compressor lock	D - COMPRESSOR SAFETY	byte	0 to 15	1	0
R/W	24667	605B	D27	Time to ignore Low DLT sensor error at startup	D - COMPRESSOR SAFETY	byte	0 to 255 min	1	0
R/W	24668	605C	D28	Compressor minimum off time for low pressure switch protection	D - COMPRESSOR SAFETY	byte	0 - 15 min	1	0
R/W	24669	605D	D29	Low pressure alarm value	D - COMPRESSOR SAFETY	word	A02 to A03	[0.1][1]	[1][0]
R/W	24670	605E	D30	Cold Start enable	D - COMPRESSOR SAFETY	word	0 Disable - 1 Enable	1	0
R/W	24671	605F	D31	DLT temperature threshold to trip during cold start	D - COMPRESSOR SAFETY	word	-40°C to 180°C; -40°F to 356°F	[0.1][1]	[1][0]
R/W	24672	6060	D32	Suction pressure threshold to trip during cold start	D - COMPRESSOR SAFETY	word	-1.5 to 99.9 bar; -21.0 to 999 PSI; -150 to 999KPA	[0.1][1]	[1][0]
R/W	24673	6061	D33	Allowed Number of cycle of DLT Temperature trip during Cold Start	D - COMPRESSOR SAFETY	word	1 to 15	1	0
R/W	24674	6062	D34	Allowed Number of cycle of low pressure trip during Cold Start	D - COMPRESSOR SAFETY	word	1 to 15	1	0
R/W	24675	6063	D35	Compressor stop time during cold start	D - COMPRESSOR SAFETY	word	1 to 999 sec	1	0
R/W	24676	6064	D36	DLT alarm temperature to stop #2 compressor	D - COMPRESSOR SAFETY	word	-40°C to 180°C; -40°F to 356°F	1	0
R/W	24677	6065	E01	Condenser Fan Motor Modulation Type	E - CONDENSER FAN	4bit	Not Used(0-NU) - Fan cycling(1-CYC) - Modulated fan(2-MOD)	1	0
R/W	24678	6066	E02	Low set point for condenser fan map 1 (For R404A, R507)	E - CONDENSER FAN	word	-40 °C to E04; -40°F to E04	[0.1][1]	[1][0]
R/W	24679	6067	E03	Lower suction pressure point for condenser fan map 1 (For R404A, R507)	E - CONDENSER FAN	word	-1.5Bar to E05; -21PSI to E05; -150KPA to E05	[0.1][1]	[1][0]
R/W	24680	6068	E04	High set point for condenser fan map 1(For R404A, R507)	E - CONDENSER FAN	word	E02 to 110 °C ; E02 to 230°F	[0.1][1]	[1][0]
R/W	24681	6069	E05	High suction pressure point for condenser fan map 1 (For R404A, R507)	E - CONDENSER FAN	word	E03 to 99.9 Bar; E03 to 999 PSI; E03 to 999 KPA	[0.1][1]	[1][0]
R/W	24682	606A	E06	Low set point for condenser fan map 2(For R134A)	E - CONDENSER FAN	word	-40 °C to E08; -40°F to E08	[0.1][1]	[1][0]
R/W	24683	606B	E07	Low suction pressure point for condenser fan map 2 (For R134A)	E - CONDENSER FAN	word	-1.5Bar to E09; -21PSI to E09; -150KPA to E09	[0.1][1]	[1][0]
R/W	24684	606C	E08	High set point for condenser fan map 2(For R134A)	E - CONDENSER FAN	word	E06 to 110 °C ; E06 to 230°F	[0.1][1]	[1][0]
R/W	24685	606D	E09	High suction pressure point for condenser fan map 2 (For R134A)	E - CONDENSER FAN	word	E07 to 99.9 Bar; E07 to 999 PSI; E07 to 999 KPA	[0.1][1]	[1][0]
R/W	24686	606E	E10	Low set point for condenser fan map 3(For R22)	E - CONDENSER FAN	word	-40 °C to E12; -40°F to E12	[0.1][1]	[1][0]
R/W	24687	606F	E11	Low suction pressure point for condenser fan map 3 (For R22)	E - CONDENSER FAN	word	-1.5Bar to E13; -21PSI to E13; -150KPA to E13	[0.1][1]	[1][0]
R/W	24688	6070	E12	High set point for condenser fan map 3(For R22)	E - CONDENSER FAN	word	E10 to 110 °C ; E10 to 230°F	[0.1][1]	[1][0]

R/W	24689	6071	E13	High suction pressure point for condenser fan map 3(For R22)	E - CONDENSER FAN	word	E11 to 99.9 Bar; E11 to 999 PSI; E11 to 999 KPA	[0.1][1]	[1][0]
R/W	24690	6072	E14	Low set point for condenser fan map 4(For R407C)	E - CONDENSER FAN	word	-40 °C to E16; -40°F to E16	[0.1][1]	[1][0]
R/W	24691	6073	E15	Low suction pressure point for condenser fan map 4(For R407C)	E - CONDENSER FAN	word	-1.5Bar to E17; -21PSI to E17; -150KPA to E17	[0.1][1]	[1][0]
R/W	24692	6074	E16	High set point for condenser fan map 4(For R407C)	E - CONDENSER FAN	word	E14 to 110 °C ; E14 to 230°F	[0.1][1]	[1][0]
R/W	24693	6075	E17	High suction pressure point for condenser fan map 4(For R407C)	E - CONDENSER FAN	word	E15 to 99.9 Bar; E15 to 999 PSI; E15 to 999 KPA	[0.1][1]	[1][0]
R/W	24694	6076	E18	Low set point for condenser fan map 5(For R407A)	E - CONDENSER FAN	word	-40 °C to E20; -40°F to E20	[0.1][1]	[1][0]
R/W	24695	6077	E19	Low suction pressure point for condenser fan map 5(For R407A)	E - CONDENSER FAN	word	-1.5Bar to E21; -21PSI to E21; -150KPA to E21	[0.1][1]	[1][0]
R/W	24696	6078	E20	High set point for condenser fan map 5(For R407A)	E - CONDENSER FAN	word	E18 to 110 °C ; E18 to 230°F	[0.1][1]	[1][0]
R/W	24697	6079	E21	High suction pressure point for condenser fan map 5(For R407A)	E - CONDENSER FAN	word	E19 to 99.9 Bar; E19 to 999 PSI; E19 to 999 KPA	[0.1][1]	[1][0]
R/W	24698	607A	E22	Low set point for condenser fan map 6(For R407F)	E - CONDENSER FAN	word	-40 °C to E24; -40°F to E24	[0.1][1]	[1][0]
R/W	24699	607B	E23	Low suction pressure point for condenser fan map 6(For R407F)	E - CONDENSER FAN	word	-1.5Bar to E25; -21PSI to E25; -150KPA to E25	[0.1][1]	[1][0]
R/W	24700	607C	E24	High set point for condenser fan map 6(For R407F)	E - CONDENSER FAN	word	E22 to 110 °C ; E22 to 230°F	[0.1][1]	[1][0]
R/W	24701	607D	E25	High suction pressure point for condenser fan map 6(For R407F)	E - CONDENSER FAN	word	E23 to 99.9 Bar; E23 to 999 PSI; E23 to 999 KPA	[0.1][1]	[1][0]
R/W	24702	607E	E26	Low set point for condenser fan map 7(For R448A)	E - CONDENSER FAN	word	-40 °C to E28; -40°F to E28	[0.1][1]	[1][0]
R/W	24703	607F	E27	Low suction pressure point for condenser fan map 7(For R448A)	E - CONDENSER FAN	word	-1.5Bar to E29; -21PSI to E29; -150KPA to E29	[0.1][1]	[1][0]
R/W	24704	6080	E28	High set point for condenser fan map 7(For R448A)	E - CONDENSER FAN	word	E26 to 110 °C ; E26 to 230°F	[0.1][1]	[1][0]
R/W	24705	6081	E29	High suction pressure point for condenser fan map 7(For R448A)	E - CONDENSER FAN	word	E27 to 99.9 Bar; E27 to 999 PSI; E27 to 999 KPA	[0.1][1]	[1][0]
R/W	24706	6082	E30	Low set point for condenser fan map 8(For R449A)	E - CONDENSER FAN	word	-40 °C to E32; -40°F to E32	[0.1][1]	[1][0]
R/W	24707	6083	E31	Low suction pressure point for condenser fan map 8(For R449A)	E - CONDENSER FAN	word	-1.5Bar to E33; -21PSI to E33; -150KPA to E33	[0.1][1]	[1][0]
R/W	24708	6084	E32	High set point for condenser fan map 8(For R449A)	E - CONDENSER FAN	word	E30 to 110 °C ; E30 to 230°F	[0.1][1]	[1][0]
R/W	24709	6085	E33	High suction pressure point for condenser fan map 8(For R449A)	E - CONDENSER FAN	word	E31 to 99.9 Bar; E31 to 999 PSI; E31 to 999 KPA	[0.1][1]	[1][0]
R/W	24710	6086	E34	Low set point for condenser fan map 9(For R410A)	E - CONDENSER FAN	word	-40 °C to E36; -40°F to E36	[0.1][1]	[1][0]
R/W	24711	6087	E35	Low suction pressure point for condenser fan map 9(For R410A)	E - CONDENSER FAN	word	-1.5Bar to E37; -21PSI to E37; -150KPA to E37	[0.1][1]	[1][0]
R/W	24712	6088	E36	High set point for condenser fan map 9(For R410A)	E - CONDENSER FAN	word	E34 to 110 °C ; E34 to 230°F	[0.1][1]	[1][0]
R/W	24713	6089	E37	High suction pressure point for condenser fan map 9(For R410A)	E - CONDENSER FAN	word	E35 to 99.9 Bar; E35 to 999 PSI; E35 to 999 KPA	[0.1][1]	[1][0]
R/W	24714	608A	E38	Fan Set Point Modulation Enabling	E - CONDENSER FAN	4bit	no(0-NO) - YES(1-YES)	1	0
R/W	24715	608B	E39	Condenser temperature set point when Fan set point modulation is disable	E - CONDENSER FAN	word	-40°C to 110°C; -40°F to 230°F	[0.1][1]	[1][0]
R/W	24716	608C	E40	Minimum Condenser temperature set point	E - CONDENSER FAN	word	-40°C to 110°C; -40°F to 230°F	[0.1][1]	[1][0]
R/W	24717	608D	E41	High Ambient Fan motor override enabled	E - CONDENSER FAN	1bit	no(0-NO) - YES(1-YES)	1	0
R/W	24718	608E	E42	High Ambient Fan motor override differential	E - CONDENSER FAN	word	0.1°C to 25.5 °C; 1 °F to 45 °F	[0.1][1]	[1][0]
R/W	24719	608F	E43	High DLT Fan motor override enabled	E - CONDENSER FAN	1bit	no(0-NO) - YES(1-YES)	1	0
R/W	24720	6090	E44	High DLT Fan motor override point for fan	E - CONDENSER FAN	word	-40°C to 180°C; -40 to 356°F	[0.1][1]	[1][0]
R/W	24721	6091	E45	Minimum fan motor speed	E - CONDENSER FAN	byte	0 to 100%	1	0
R/W	24722	6092	E46	regulation band of variable fan	E - CONDENSER FAN	word	0.1°C to 25.5 °C; 1 °F to 45 °F	[0.1][1]	[1][0]
R/W	24723	6093	E47	integration time for Fan	E - CONDENSER FAN	word	0 to 999 sec	1	0
R/W	24724	6094	E48	Fan Full speed duration at fan startup	E - CONDENSER FAN	byte	0 to 255 sec	1	0
R/W	24725	6095	E49	Fan minimum on time	E - CONDENSER FAN	byte	0 to 255 sec	1	0
R/W	24726	6096	E50	Fan minimum off time	E - CONDENSER FAN	byte	0 to 255 sec	1	0
R/W	24727	6097	E51	Fixed condenser fan set point	E - CONDENSER FAN	word	-40°C to 110°C; -40°F to 230°F	[0.1][1]	[1][0]
R/W	24728	6098	E52	Fan 1 differential	E - CONDENSER FAN	word	0.1°C to 25.5 °C; 1 °F to 45 °F	[0.1][1]	[1][0]
R/W	24729	6099	E53	Fan 1 to Fan 2 differential	E - CONDENSER FAN	word	0.1°C to 25.5 °C; 1 °F to 45 °F	[0.1][1]	[1][0]
R/W	24730	609A	E54	Fan 2 differential	E - CONDENSER FAN	word	0.1°C to 25.5 °C; 1 °F to 45 °F	[0.1][1]	[1][0]
R/W	24731	609B	E55	Fan control with ambient sensor - Min ambient	E - CONDENSER FAN	word	-40°C to E56; -40 °F to E56	[0.1][1]	[1][0]
R/W	24732	609C	E56	Fan control with ambient sensor - Max ambient	E - CONDENSER FAN	word	E55 to 110°C ; E55 to 230°F	[0.1][1]	[1][0]
R/W	24733	609D	E57	Fan speed control with ambient sensor	E - CONDENSER FAN	byte	0 to 100%	1	0
R/W	24734	609E	E58	Condenser Temperature/Pressure threshold for high alarm	E - CONDENSER FAN	word	-40°C to 110°C; -40°F to 230°F -1.5 to 99.9 Bar; -21 to 999 PSI; -150 to 999 KPA	[0.1][1]	[1][0]
R/W	24735	609F	E59	High condenser temperature alarm delay	E - CONDENSER FAN	byte	0 - 255 min	1	0
R/W	24736	60A0	E60	High condenser temperature alarm with compressor off	E - CONDENSER FAN	1bit	no(0-NO) - YES(1-YES)	1	0
R/W	24737	60A1	E61	Condenser temperature/Pressure threshold for alarm recovery	E - CONDENSER FAN	word	-40°C to E58°C; -40 to E58°F -1.5 to E58 Bar; -21 to E58 PSI; -150 to E58 KPA	[0.1][1]	[1][0]
R/W	24738	60A2	E62	Maximum fan motor speed	CONDENSER FAN	byte	MSF to 100%	1	0
R/W	24739	60A3	E63	Maximum fan motor speed limit return condenser temperature offset	CONDENSER FAN	word	0.0 to 25.5°C; 0 to 45°F	[0.1][1]	[1][0]
R/W	24740	60A4	E64	Maximum fan motor speed limit return DLT offset	CONDENSER FAN	word	0.0 to 25.5°C; 0 to 45°F	1	0
R/W	24741	60A5	E65	Maximum Condenser set point	CONDENSER FAN	word	-40°C to 110°C; -40°F to 230°F	1	0
R/W	24742	60A6	E66	Delta temperature condenser Floating set point	CONDENSER FAN	word	0.0 to 25.5°C; 0 to 45°F	[0.1][1]	[1][0]
R/W	24743	60A7	E67	Heat recovery condensing fan set point	CONDENSER FAN	word	-40°C to 110°C; -40°F to 230°F	1	0
R/W	24744	60A8	F01	Liquid injection set point	F - LIQUID and VAPOR INJECTION	word	-40°C to 180°C; -40°F to 356°F	[0.1][1]	[1][0]
R/W	24745	60A9	F02	Max DLT temperature before full open injection	F - LIQUID and VAPOR INJECTION	word	LIS°C to 180°C; LIS°F to 356°F	[0.1][1]	[1][0]
R/W	24746	60AA	F03	Min DLT temperature before close injection	F - LIQUID and VAPOR INJECTION	word	-40°C to LIS°C; -40°F to LIS°F	[0.1][1]	[1][0]
R/W	24747	60AB	F04	Mid-Coil limp along for DLT Failure - Mid-coil 1	F - LIQUID and VAPOR INJECTION	word	F05 to 110°C; F05 to 302°F	[0.1][1]	[1][0]
R/W	24748	60AC	F05	Mid-Coil limp along for DLT Failure - Mid-coil 2	F - LIQUID and VAPOR INJECTION	word	F06 to F04	[0.1][1]	[1][0]
R/W	24749	60AD	F06	Mid-Coil limp along for DLT Failure - Mid-coil 3	F - LIQUID and VAPOR INJECTION	word	F07 to F05	[0.1][1]	[1][0]

R/W	24750	60AE	F07	Mid-Coil limp along for DLT Failure - Mid-coil 4	F - LIQUID and VAPOR INJECTION	word	F08 to F06	[0.1][1]	[1][0]
R/W	24751	60AF	F08	Mid-Coil limp along for DLT Failure - Mid-coil 5	F - LIQUID and VAPOR INJECTION	word	-40°C to F07; -40°F to F07	[0.1][1]	[1][0]
R/W	24752	60B0	F09	Mid-Coil limp along for DLT Failure - Valve opening 1	F - LIQUID and VAPOR INJECTION	byte	F10 to 100%	1	0
R/W	24753	60B1	F10	Mid-Coil limp along for DLT Failure - Valve opening 2	F - LIQUID and VAPOR INJECTION	byte	F11 to F09%	1	0
R/W	24754	60B2	F11	Mid-Coil limp along for DLT Failure - Valve opening 3	F - LIQUID and VAPOR INJECTION	byte	F12 to F10%	1	0
R/W	24755	60B3	F12	Mid-Coil limp along for DLT Failure - Valve opening 4	F - LIQUID and VAPOR INJECTION	byte	F13 to F11%	1	0
R/W	24756	60B4	F13	Mid-Coil limp along for DLT Failure - Valve opening 5	F - LIQUID and VAPOR INJECTION	byte	0 to F12%	1	0
R/W	24757	60B5	F14	Ambient limp along for DLT and Mid-Coil Failure - Temperature 1	F - LIQUID and VAPOR INJECTION	word	F15 to 110°C; F15 to 230°F	[0.1][1]	[1][0]
R/W	24758	60B6	F15	Ambient limp along for DLT and Mid-Coil Failure - Temperature 2	F - LIQUID and VAPOR INJECTION	word	-40°C to F14; -40°F to F14	[0.1][1]	[1][0]
R/W	24759	60B7	F16	Ambient limp along for DLT and Mid-Coil Failure - Valve opening 1	F - LIQUID and VAPOR INJECTION	byte	F17 to 100%	1	0
R/W	24760	60B8	F17	Ambient limp along for DLT and Mid-Coil Failure - Valve opening 2	F - LIQUID and VAPOR INJECTION	byte	0 to F16%	1	0
R/W	24761	60B9	F18	EVI EXV Initial Opening – Ambient 1	F - LIQUID and VAPOR INJECTION	word	F19 to 110°C; F19 to 230°F	[0.1][1]	[1][0]
R/W	24762	60BA	F19	EVI EXV Initial Opening – Ambient 2	F - LIQUID and VAPOR INJECTION	word	F20 to F18	[0.1][1]	[1][0]
R/W	24763	60BB	F20	EVI EXV Initial Opening – Ambient 3	F - LIQUID and VAPOR INJECTION	word	F21 to F19	[0.1][1]	[1][0]
R/W	24764	60BC	F21	EVI EXV Initial Opening – Ambient 4	F - LIQUID and VAPOR INJECTION	word	-40°C to F20; -40°F to F20	[0.1][1]	[1][0]
R/W	24765	60BD	F22	EVI EXV Initial Opening – Valve Opening 1	F - LIQUID and VAPOR INJECTION	byte	F23 to 100%	1	0
R/W	24766	60BE	F23	EVI EXV Initial Opening – Valve Opening 2	F - LIQUID and VAPOR INJECTION	byte	F24 to F22%	1	0
R/W	24767	60BF	F24	EVI EXV Initial Opening – Valve Opening 3	F - LIQUID and VAPOR INJECTION	byte	F25 to F23%	1	0
R/W	24768	60C0	F25	EVI EXV Initial Opening – Valve Opening 4	F - LIQUID and VAPOR INJECTION	byte	F26 to F24%	1	0
R/W	24769	60C1	F26	EVI EXV Initial Opening – Valve Opening 5	F - LIQUID and VAPOR INJECTION	byte	0 to F25%	1	0
R/W	24770	60C2	F27	EVI EXV Initial Opening with Sensor Failure	F - LIQUID and VAPOR INJECTION	byte	0~100%	1	0
R/W	24771	60C3	F28	Differential between the vapor inlet and the vapor outlet temperature for R404A	F - LIQUID and VAPOR INJECTION	word	0.0 to 25.5°C; 0 to 45°F	[0.1][1]	[1][0]
R/W	24772	60C4	F29	Differential between the vapor inlet and the vapor outlet temperature for R507	F - LIQUID and VAPOR INJECTION	word	0.0 to 25.5°C; 0 to 45°F	[0.1][1]	[1][0]
R/W	24773	60C5	F30	Differential between the vapor inlet and the vapor outlet temperature for R134A	F - LIQUID and VAPOR INJECTION	word	0.0 to 25.5°C; 0 to 45°F	[0.1][1]	[1][0]
R/W	24774	60C6	F31	Differential between the vapor inlet and the vapor outlet temperature for R22	F - LIQUID and VAPOR INJECTION	word	0.0 to 25.5°C; 0 to 45°F	[0.1][1]	[1][0]
R/W	24775	60C7	F32	Differential between the vapor inlet and the vapor outlet temperature for R407C	F - LIQUID and VAPOR INJECTION	word	0.0 to 25.5°C; 0 to 45°F	[0.1][1]	[1][0]
R/W	24776	60C8	F33	Differential between the vapor inlet and the vapor outlet temperature for R407A	F - LIQUID and VAPOR INJECTION	word	0.0 to 25.5°C; 0 to 45°F	[0.1][1]	[1][0]
R/W	24777	60C9	F34	Differential between the vapor inlet and the vapor outlet temperature for R407F	F - LIQUID and VAPOR INJECTION	word	0.0 to 25.5°C; 0 to 45°F	[0.1][1]	[1][0]
R/W	24778	60CA	F35	Differential between the vapor inlet and the vapor outlet temperature for R448A	F - LIQUID and VAPOR INJECTION	word	0.0 to 25.5°C; 0 to 45°F	[0.1][1]	[1][0]
R/W	24779	60CB	F36	Differential between the vapor inlet and the vapor outlet temperature for R449A	F - LIQUID and VAPOR INJECTION	word	0.0 to 25.5°C; 0 to 45°F	[0.1][1]	[1][0]
R/W	24780	60CC	F37	Differential between the vapor inlet and the vapor outlet temperature for R410A	F - LIQUID and VAPOR INJECTION	word	0.0 to 25.5°C; 0 to 45°F	[0.1][1]	[1][0]
R/W	24781	60CD	F38	Max DLT temperature before changing from vapor to liquid injection control	F - LIQUID and VAPOR INJECTION	word	-40°C to 180°C; -40 to 356°F	[0.1][1]	[1][0]
R/W	24782	60CE	F39	Differential before resuming vapor injection	F - LIQUID and VAPOR INJECTION	word	0.0°C to 25.5 °C; 0 °F to 45 °F	[0.1][1]	[1][0]
R/W	24783	60CF	F40	Max Open EXV Warning Time	F - LIQUID and VAPOR INJECTION	byte	0~255 minutes	1	0
R/W	24784	60D0	F41	Delta between set point and shortage of refrigerant error during max open warning	F - LIQUID and VAPOR INJECTION	word	0.0°C to 25.5°C; 0 °F to 45 °F	[0.1][1]	[1][0]
R/W	24785	60D1	F42	Constant liquid temperature mode enabled for low ambient EVI injection	F - LIQUID and VAPOR INJECTION	1bit	no(0-NO) - YES(1-YES)	1	0
R/W	24786	60D2	F43	Constant liquid temperature set point	F - LIQUID and VAPOR INJECTION	word	-40°C to 110°C; -40°F to 230°F	[0.1][1]	[1][0]
R/W	24787	60D3	F44	Ambient temperature set point for constant liquid temperature mode	F - LIQUID and VAPOR INJECTION	word	-40°C to 110°C; -40°F to 230°F	[0.1][1]	[1][0]
R/W	24788	60D4	F45	DGS modulation rate limitation to close EVI EXV	F - LIQUID and VAPOR INJECTION	word	C24 to C25	[0.1][1]	[1][0]
R/W	24789	60D5	F46	DGS Compressor DLT differential value to resume EVI EXV normal control	F - LIQUID and VAPOR INJECTION	word	0.0°C to 25.5 °C; 0 °F to 45 °F	[0.1][1]	[1][0]
R/W	24790	60D6	F47	EVI EXV pre-closing steps before Digital comperssor injection solenoid valve close	F - LIQUID and VAPOR INJECTION	word	0-255 step	1	0
R/W	24791	60D7	G01	case temperature probe selection	G - LOW SIDE CONTROL	4 bit	NU(0-NU) - Mid-Coil temperature(1-MCT) - Discharge Line temperature(2-DLT) - Ambient temperature(3-AMT) - Thermostat temperature(4-TMT) - Evaporator temperature(5-EPT) - Vapor inlet Temp(6-UIT) - Vapor outlet Temp(7-UOT) - Liquid Temp(8-LLT) - Suction line temperature(9-SLT) - Coil temperature(10-COT)	1	0
R/W	24792	60D8	G02	Case temperature set point	G - LOW SIDE CONTROL	word	G04 to G05	[0.1][1]	[1][0]
R/W	24793	60D9	G03	Case temperature differential	G - LOW SIDE CONTROL	word	0.1°C to 25.5 °C; 1 °F to 45 °F	[0.1][1]	[1][0]
R/W	24794	60DA	G04	Case temperature low range	G - LOW SIDE CONTROL	word	-40°C to G05; -40°F to G05	[0.1][1]	[1][0]
R/W	24795	60DB	G05	Case temperature high range	G - LOW SIDE CONTROL	word	G04 to 110°C; G04 to 230°F	[0.1][1]	[1][0]
R/W	24796	60DC	G06	Case probe failure limp along on time	G - LOW SIDE CONTROL	byte	0 to 255 min	1	0
R/W	24797	60DD	G07	Case probe failure limp along off time	G - LOW SIDE CONTROL	byte	0 to 255 min	1	0
R/W	24798	60DE	G08	Compressor and fan status when open door	G - LOW SIDE CONTROL	4bit	no(0-NO) - Fn(1-FAN) - cP(2-CPR) - Fc(3-F-C)	1	0
R/W	24799	60DF	G09	Regulation with door open	G - LOW SIDE CONTROL	1bit	no(0-NO) - YES(1-YES)	1	0
R/W	24800	60E0	G10	function that Liquid/Vapour injection switch based on SH activate or deactivate	G - LOW SIDE CONTROL	4bit	no(0-NO) - yES-YES)	1	0
R/W	24801	60E1	G11	Maximum pump down time	G - LOW SIDE CONTROL	byte	0 to 255 min	1	0

R/W	24802	60E2	G12	Defrost probe selection	G - LOW SIDE CONTROL	4 bit	NU(0-NU) - Mid-Coil temperature(1-MCT) - Discharge Line temperature(2-DLT) - Ambient temperature(3-AMT) - Thermostat temperature(4-TMT) - Evaporator temperature(5-EPT) - Vapor inlet Temp(6-UIT) - Vapor outlet Temp(7-UOT) - Liquid Temp(8-LLT) - Suction line temperature(9-SLT) - Coil temperature(10-COT)	1	0
R/W	24803	60E3	G13	Defrost in probe selection	G - LOW SIDE CONTROL	4 bit	NU(0-NU) - Mid-Coil temperature(1-MCT) - Discharge Line temperature(2-DLT) - Ambient temperature(3-AMT) - Thermostat temperature(4-TMT) - Evaporator temperature(5-EPT) - Vapor inlet Temp(6-UIT) - Vapor outlet Temp(7-UOT) - Liquid Temp(8-LLT) - Suction line temperature(9-SLT) - Coil temperature(10-COT)	1	0
R/W	24804	60E4	G14	Defrost out probe selection	G - LOW SIDE CONTROL	4 bit	NU(0-NU) - Mid-Coil temperature(1-MCT) - Discharge Line temperature(2-DLT) - Ambient temperature(3-AMT) - Thermostat temperature(4-TMT) - Evaporator temperature(5-EPT) - Vapor inlet Temp(6-UIT) - Vapor outlet Temp(7-UOT) - Liquid Temp(8-LLT) - Suction line temperature(9-SLT) - Coil temperature(10-COT)	1	0
R/W	24805	60E5	G15	threshold percentage for enable the intelligent defrost	G - LOW SIDE CONTROL	byte	0 to 100	1	0
R/W	24806	60E6	G16	Duration to calculate the average difference between the dip and dop	G - LOW SIDE CONTROL	byte	0 to 100 min	1	0
R/W	24807	60E7	G17	Defrost type	G - LOW SIDE CONTROL	2bit	EL(0-EL) - in(1-IN) - Pulse(2-PLS);	1	0
R/W	24808	60E8	G18	interval between defrost cycles	G - LOW SIDE CONTROL	byte	0 to 120 h	1	0
R/W	24809	60E9	G19	Maximum length for defrost	G - LOW SIDE CONTROL	byte	0 to 255 min	1	0
R/W	24810	60EA	G20	Duration of pulse defrost	G - LOW SIDE CONTROL	byte	0 to G19	1	0
R/W	24811	60EB	G21	Defrost termination temperature	G - LOW SIDE CONTROL	word	-40°C to 110°C; -40°F to 230°F	[0.1][1]	[1][0]
R/W	24812	60EC	G22	Defrost delay time	G - LOW SIDE CONTROL	byte	0 to 255 min	1	0
R/W	24813	60ED	G23	Defrost interval mode	G - LOW SIDE CONTROL	2bit	nu(0-NU) - in(1-IN) - RTC(2-RTC) - Intelligent(3-INT)	1	0
R/W	24814	60EE	G24	Display during defrost	G - LOW SIDE CONTROL	4bit	dEF(0-DEF) - Set(1-SET) - it(2-IT) - rt(3-RT)	1	0
R/W	24815	60EF	G25	Maximum display delay after defrost	G - LOW SIDE CONTROL	byte	0 to 255 min	1	0
R/W	24816	60F0	G26	Drip time	G - LOW SIDE CONTROL	byte	0 to 120 min	1	0
R/W	24817	60F1	G27	Defrost at power-on	G - LOW SIDE CONTROL	1bit	no(0-NO) - YES(1-YES)	1	0
R/W	24818	60F2	G28	Workday defrost start 1	G - LOW SIDE CONTROL	byte	0 to 23h50 minutes; nu;	1	0
R/W	24819	60F3	G29	Workday defrost start 2	G - LOW SIDE CONTROL	byte	0 to 23h50 minutes; nu;	1	0
R/W	24820	60F4	G30	Workday defrost start 3	G - LOW SIDE CONTROL	byte	0 to 23h50 minutes; nu;	1	0
R/W	24821	60F5	G31	Workday defrost start 4	G - LOW SIDE CONTROL	byte	0 to 23h50 minutes; nu;	1	0
R/W	24822	60F6	G32	Workday defrost start 5	G - LOW SIDE CONTROL	byte	0 to 23h50 minutes; nu;	1	0
R/W	24823	60F7	G33	Workday defrost start 6	G - LOW SIDE CONTROL	byte	0 to 23h50 minutes; nu;	1	0
R/W	24824	60F8	G34	Holiday defrost start 1	G - LOW SIDE CONTROL	byte	0 to 23h50 minutes; nu;	1	0
R/W	24825	60F9	G35	Holiday defrost start 2	G - LOW SIDE CONTROL	byte	0 to 23h50 minutes; nu;	1	0
R/W	24826	60FA	G36	Holiday defrost start 3	G - LOW SIDE CONTROL	byte	0 to 23h50 minutes; nu;	1	0
R/W	24827	60FB	G37	Holiday defrost start 4	G - LOW SIDE CONTROL	byte	0 to 23h50 minutes; nu;	1	0
R/W	24828	60FC	G38	Holiday defrost start 5	G - LOW SIDE CONTROL	byte	0 to 23h50 minutes; nu;	1	0
R/W	24829	60FD	G39	Holiday defrost start 6	G - LOW SIDE CONTROL	byte	0 to 23h50 minutes; nu;	1	0
R/W	24830	60FE	G40	First Weekly holiday	G - LOW SIDE CONTROL	4bit	SUN(0-SUN) - Mon(1-MON) - TUE(2-TUE) - WED(3-WED) - THU(4-THU) - FRI(5-FRI) - SAT(6-SAT) - nu(7-NU)	1	0
R/W	24831	60FF	G41	second weekly holiday	G - LOW SIDE CONTROL	4bit	SUN(0-SUN) - Mon(1-MON) - TUE(2-TUE) - WED(3-WED) - THU(4-THU) - FRI(5-FRI) - SAT(6-SAT) - nu(7-NU)	1	0
R/W	24832	6100	G42	Fans operating mode	G - LOW SIDE CONTROL	4bit	cn(0-CN) - on(1-ON) - cy(2-CY) - oy(3-OY);	1	0
R/W	24833	6101	G43	Fans stop temperature	G - LOW SIDE CONTROL	word	-40°C to 110°C; -40°F to 230°F	[0.1][1]	[1][0]
R/W	24834	6102	G44	Temperature differential avoiding short cycles of fans	G - LOW SIDE CONTROL	word	0 to 59 °C; 0 to 106°F	[0.1][1]	[1][0]
R/W	24835	6103	G45	Fan ON time	G - LOW SIDE CONTROL	byte	0 to 255 min	1	0
R/W	24836	6104	G46	Fan OFF time	G - LOW SIDE CONTROL	byte	0 to 255 min	1	0
R/W	24837	6105	G47	Room probe selection for evaporator fan management	G - LOW SIDE CONTROL	4bit	NU(0-NU) - Mid-Coil temperaure(1-MCT) - Discharge Line temperaure(2-DLT) - Ambient temperaure(3-AMT) - Thermostat temperature(4-TMT)	1	0
R/W	24838	6106	G48	Maximum case temperature alarm threshold	G - LOW SIDE CONTROL	word	G49 to 110°C; G49 to 230°F	[0.1][1]	[1][0]
R/W	24839	6107	G49	Minmum case temperature alarm thershold	G - LOW SIDE CONTROL	word	-40°C to G48; -40 to G48	[0.1][1]	[1][0]
R/W	24840	6108	G50	case temperature alarm restart differential	G - LOW SIDE CONTROL	word	0.1°C to 25.5 °C; 1 °F to 45 °F	[0.1][1]	[1][0]
R/W	24841	6109	G51	case temperature alarm delay	G - LOW SIDE CONTROL	byte	0~255 second	1	0
R/W	24842	610A	G52	Exclusion of temperature alarm at startup	G - LOW SIDE CONTROL	byte	0~255 minutes	1	0
R/W	24843	610B	G53	Maximum door open time before alarm	G - LOW SIDE CONTROL	byte	0~255 minutes	1	0
R/W	24844	610C	G54	Maximum length for light when door switch is closed	G - LOW SIDE CONTROL	byte	0~255 minutes	1	0
R/W	24845	610D	G55	Fan delay after defrost	G - LOW SIDE CONTROL	byte	0 to 255 minutes	1	0
R/W	24846	610E	G56	Use the liquid line solenoid	G - LOW SIDE CONTROL	1bit	no;yes	1	0
R/W	24847	610F	G57	the calculation delay for Intelligent defrost set point after compressor start-up	G - LOW SIDE CONTROL	byte	0~255 second	1	0
R/W	24848	6110	H01	Current sensing 1 Enabled	H - COMPRESSOR PROTECTION	1bit	no;yes	1	0
R/W	24849	6111	H02	Current sensing 2 Enabled	H - COMPRESSOR PROTECTION	1bit	no;yes	1	0
R/W	24850	6112	H03	Voltage sensing 1 Enabled	H - COMPRESSOR PROTECTION	1bit	no;yes	1	0
R/W	24851	6113	H04	Voltage sensing 2 Enabled	H - COMPRESSOR PROTECTION	1bit	no;yes	1	0
R/W	24852	6114	H05	Voltage sensing 3 Enabled	H - COMPRESSOR PROTECTION	1bit	no;yes	1	0
R/W	24853	6115	H06	Voltage and Current protection enabled	H - COMPRESSOR PROTECTION	1bit	no;yes	1	0
R/W	24854	6116	H07	Maximum Continuous Current limit	H - COMPRESSOR PROTECTION	word	H25=0: 0.0 to 70.0 A; H25=1: 0.0 to 35.0 A.	0,1	1
R/W	24855	6117	H08	Voltage/Current sensing trip minimum off time	H - COMPRESSOR PROTECTION	byte	0 to 255 mim	1	0
R/W	24856	6118	H09	Adjustable current limit before trip	H - COMPRESSOR PROTECTION	word	0.0 to H07 Ampere	0,1	1
R/W	24857	6119	H10	Ignore current sensing duration at startup duration	H - COMPRESSOR PROTECTION	byte	0 to 255 second	1	0
R/W	24858	611A	H11	Over Current Trips before lock	H - COMPRESSOR PROTECTION	byte	0 to 15	1	0
R/W	24859	611B	H12	loss of phase trips before lock	H - COMPRESSOR PROTECTION	byte	0 to 15	1	0
R/W	24860	611C	H13	Minimum voltage to trip compressor	H - COMPRESSOR PROTECTION	word	0 to 400 V	1	0
R/W	24861	611D	H14	Maximum voltage to trip compressor	H - COMPRESSOR PROTECTION	word	0 to 800 V	1	0
R/W	24862	611E	H15	over or under voltage minimum time	H - COMPRESSOR PROTECTION	byte	0 to 255 second	1	0
R/W	24863	611F	H16	compressor minimum off time because of voltage error	H - COMPRESSOR PROTECTION	byte	0 to 255 minutes	1	0

R/W	24864	6120	H17	Number of compressor trips before lockout because of voltage	H - COMPRESSOR PROTECTION	byte	0 to 15	1	0
R/W	24865	6121	H18	Adjustable under average voltage pecentage	H - COMPRESSOR PROTECTION	byte	0 to 100%	1	0
R/W	24866	6122	H19	Generate warning or shut down compressor when phase imbalance	H - COMPRESSOR PROTECTION	1bit	0: Generate Warning(0-ARN) - 1: off the unit(1-OFF)	1	0
R/W	24867	6123	H20	Missing current duration before warning	H - COMPRESSOR PROTECTION	byte	0 to 255 sec	1	0
R/W	24868	6124	H21	Minimum High Side Superheat	H - COMPRESSOR PROTECTION	word	0.1 to 25.5 °C; 1 to 45°F	[0.1][1]	[1][0]
R/W	24869	6125	H22	Amount of time allowed in an interval to check for floodback	H - COMPRESSOR PROTECTION	byte	0 to H23 min	1	0
R/W	24870	6126	H23	Interval to check for floodback	H - COMPRESSOR PROTECTION	byte	H22 to 120 min	1	0
R/W	24871	6127	H24	duration of checking anti-flood back alarm reset condition	H - COMPRESSOR PROTECTION	byte	1~255 minutes	1	0
R/W	24872	6128	H25	Three phase Enable	H - COMPRESSOR PROTECTION	1bit	no;yes	1	0
R/W	24873	6129	H26	Upper limit value of imbalance current	H - COMPRESSOR PROTECTION	word	0.0 to 70.0 A;	[0.1][1]	[1][0]
R/W	24874	612A	H27	Maximum Continuous Current limit of #2 compressor	H - COMPRESSOR PROTECTION	word	H25=0: 0.0 to 70.0 A; H25=1: 0.0 to 35.0 A.	[0.1][1]	[1][0]
R/W	24875	612B	H28	Adjustable current limit before trip of #2 compressor	H - COMPRESSOR PROTECTION	word	0.0 to H27 Ampere	[0.1][1]	[1][0]
R/W	24876	612C	I01	Ambient temperature threshold to off crankcase heater	I - CRANKCASE HEATER	word	-40°C to 180°C; -40 to 356°F	[0.1][1]	[1][0]
R/W	24877	612D	I02	Compressor minimum off time before turning on the crankcase heater	I - CRANKCASE HEATER	byte	0~255 minutes	1	0
R/W	24878	612E	L01	Steps for initial regulation	L - SUPERHEAT CONTROL	word	M02-M01 step	1	0
R/W	24879	612F	L02	Superheating set point	L - SUPERHEAT CONTROL	word	0.0°C to 25.5 °C; 0 °F to 45 °F	[0.1][1]	[1][0]
R/W	24880	6130	L03	Threshold of Low Superheating	L - SUPERHEAT CONTROL	word	0-L04 °C; 0-L04 °F	[0.1][1]	[1][0]
R/W	24881	6131	L04	Threshold of High Superheating	L - SUPERHEAT CONTROL	word	L03-80.0 °C; L03-144 °F	[0.1][1]	[1][0]
R/W	24882	6132	L05	Extra % of valve close in case of low superheating	L - SUPERHEAT CONTROL	byte	0-100%	1	0
R/W	24883	6133	L06	Delay High Superheating	L - SUPERHEAT CONTROL	word	0-255 sec	1	0
R/W	24884	6134	L07	Delay Low Superheating	L - SUPERHEAT CONTROL	word	0-255 sec	1	0
R/W	24885	6135	L08	Threshold of MOP	L - SUPERHEAT CONTROL	word	L09°C to 60°C; L09 to 140°F	[0.1][1]	[1][0]
R/W	24886	6136	L09	Threshold of LOP	L - SUPERHEAT CONTROL	word	-50°C to L08°C; -58 to L08°F	[0.1][1]	[1][0]
R/W	24887	6137	L10	Delay Activation MOP	L - SUPERHEAT CONTROL	word	0-255 sec	1	0
R/W	24888	6138	L11	Delay Activation LOP	L - SUPERHEAT CONTROL	word	0-255 sec	1	0
R/W	24889	6139	L12	Steps Close/Open in case of MOP/LOP	L - SUPERHEAT CONTROL	word	0-M01 step	1	0
R/W	24890	613A	M01	Max Step Valve	M - VALVE SETTING	word	M02-800 step	1	0
R/W	24891	613B	M02	Min Step Valve	M - VALVE SETTING	word	0-M01 step	1	0
R/W	24892	613C	M03	Extra Steps of Valve Close	M - VALVE SETTING	word	0-100 step	1	0
R/W	24893	613D	M04	Relax Steps	M - VALVE SETTING	word	0-100 step	1	0
R/W	24894	613E	M05	Step rate	M - VALVE SETTING	word	10-100 step/s	1	0
R/W	24895	613F	M06	Regulation of the Valve 0:automatic, 1:manual	M - VALVE SETTING	4bit	AUTOMATIC(0-AUT) - MANUAL(1-MAN)	1	0
R/W	24896	6140	M07	Steps if manual regulation	M - VALVE SETTING	word	M02-M01 step	1	0
R/W	24897	6141	M08	Proportional Band. (if 0 the regulation is autoadaptive)	M - VALVE SETTING	word	0 to 50°C; 0 to 90°F	[0.1][1]	[1][0]
R/W	24898	6142	M09	Integral Time	M - VALVE SETTING	word	0-255 sec	1	0
R/W	24899	6143	M10	Derivative	M - VALVE SETTING	word	0-255 sec	1	0
R/W	24900	6144	M11	Dead Band	M - VALVE SETTING	word	0-10°C; 0-18°F	[0.1][1]	[1][0]
R/W	24901	6145	M12	Min % of the Valve	M - VALVE SETTING	byte	0 - M13	1	0
R/W	24902	6146	M13	Max % of the Valve	M - VALVE SETTING	byte	M12 - 100	1	0
R/W	24903	6147	M14	Filter on the pressure	M - VALVE SETTING	byte	1-255 sec	1	0
R/W	24904	6148	M15	Interval of updating valve	M - VALVE SETTING	byte	1-255 sec	1	0
R/W	24905	6149	M16	Filter on the temperature [1-100] sec	M - VALVE SETTING	byte	1-255 sec	1	0
R/W	24906	614A	M17	Delay Activation Probe Error	M - VALVE SETTING	byte	0-255 sec	1	0
R/W	24907	614B	M18	% Valve in case of probe error	M - VALVE SETTING	byte	0-100	1	0
R/W	24908	614C	M19	Time at Initial Steps at the start time	M - VALVE SETTING	byte	0-255	1	0
R/W	24909	614D	N01	Current minute	N - RTC	lock	0 to 59		
R/W	24910	614E	N02	Current hour	N - RTC	lock	0 to 23		
R/W	24911	614F	N03	day of month	N - RTC	lock	1 to 31		
R/W	24912	6150	N04	month	N - RTC	lock	1 to 12		
R/W	24913	6151	N05	year	N - RTC	lock	0 to 99		
R/W	24914	6152	P01	compressor set point hysteresis in energy saving mode	P - AUX	word	0.0Bar to 9.9 Bar; 0.0PSI to 99.9 PSI; 0KPA to 999KPA; 0.0°C to 25.5 °C; 0 °F to 45 °F	[0.1][1]	[1][0]
R/W	24915	6153	P02	Condenser set point hysteresis in energy saving mode	P - AUX	word	0.0°C to 25.5 °C; 0 °F to 45 °F	[0.1][1]	[1][0]
R/W	24916	6154	P03	Checking delay time after compressor starts	P - AUX	word	0-255 sec	1	0
R/W	24917	6155	P04	Low oil delay time	P - AUX	word	0-255 sec	1	0
R/W	24918	6156	P05	Compressor stop time due to lack of oil	P - AUX	word	0~255 minutes	1	0
R/W	24919	6157	P06	Oil filling time delay	P - AUX	word	0-255 sec	1	0
R/W	24920	6158	P07	Continues filling oil time delay	P - AUX	word	0-255 sec	1	0
R/W	24921	6159	P08	Number of times allowed due to lack of oil per hour	P - AUX	word	0 to 15	1	0
R/W	24922	615A	P09	Liquid watch warning period before alarm	P - AUX	word	0~255 minutes	1	0
R/W	24923	615B	R01	Digital input 1 function	R - DIGITAL INPUT	byte	not used(0-NU) - Suction pressure switch(1-SUS) - Thermostat input(2-DEF) - High pressure input(3-HP) - Low pressure input(4-LP) - Door switch(5-DOR)-Energy saving Enable(6-ES)-ON/OFF(7-ONF)	1	0
R/W	24924	615C	R02	Digital input 1 polarity	R - DIGITAL INPUT	1bit	oP(0) - CL(1)	1	0
R/W	24925	615D	R03	Activation delay for digital input 1	R - DIGITAL INPUT	byte	0 to 255 min	1	0
R/W	24926	615E	R04	Digital input 2 function	R - DIGITAL INPUT	byte	not used(0-NU) - Suction pressure switch(1-SUS) - Thermostat input(2-DEF) - High pressure input(3-HP) - Low pressure input(4-LP) - Door switch(5-DOR)-Energy saving Enable(6-ES)-ON/OFF(7-ONF)	1	0
R/W	24927	615F	R05	Digital input 2 polarity	R - DIGITAL INPUT	1bit	oP(0) - CL(1)	1	0
R/W	24928	6160	R06	Activation delay for digital input 2	R - DIGITAL INPUT	byte	0 to 255 min	1	0
R/W	24929	6161	R07	Digital input 3 function	R - DIGITAL INPUT	byte	not used(0-NU) - Suction pressure switch(1-SUS) - Thermostat input(2-DEF) - High pressure input(3-HP) - Low pressure input(4-LP) - Door switch(5-DOR)-Energy saving Enable(6-ES)-ON/OFF(7-ONF)	1	0
R/W	24930	6162	R08	Digital input 3 polarity	R - DIGITAL INPUT	1bit	oP(0-OP) - CL(1-CL)	1	0
R/W	24931	6163	R09	Activation delay for digital input 3	R - DIGITAL INPUT	byte	0 to 255 min	1	0

R/W	24932	6164	R10	Digital input 3 function	R - DIGITAL INPUT	byte	not used(0-NU) - Suction pressure switch(1-SUS) - Thermostat input(2-DEF) - High pressure input(3-HP) - Low pressure input(4-LP) - Door switch(5-DOR)-Energy saving Enable(6-ES)-ON/OFF(7-ONF) - Oil feedback signal 0(8-OFd) - Oil feedback signal 1(9-oF1) - Oil feedback signal 2(10-oF2) - Heat recovery activate(11-Htr) - Liquid switch active(12-LiS) - CRO selection(13-CrO) - Fan monitoring(14-FCA) - Rescue mode(15-rSC) - Refrigerant leak input(16-rLi) - Compressor safety chain 1(17-CC1) - Compressor safety chain 2(18-CC2)	1	0
R/W	24933	6165	R11	Digital input 3 polarity	R - DIGITAL INPUT	1bit	oP(0-OP) - CL(1-CL)	1	0
R/W	24934	6166	R12	Activation delay for digital input 3	R - DIGITAL INPUT	byte	0 to 255 min	1	0
R/W	24935	6167	S01	Alarm contact activation in a warning, alarm, lockout	S - OUTPUT	2bit	Warning(0-ARN) - Alarm(1-ALM) - Lockout(2-LOC)	1	0
R/W	24936	6168	S02	Alarm relay deactivation	S - OUTPUT	1bit	no(0-NO) - yes(1-YES)	1	0
R/W	24937	6169	S03	Buzzer enabled	S - OUTPUT	1bit	no(0-NO) - yes(1-YES)	1	0
R/W	24938	616A	S04	Relay output 1 configuration	S - OUTPUT	byte	not used(0-NU) - DGS Compressor(1-DGS) -ON-OFF Compressor(2-CPR) - Condenser Fan 1(3-CF1) - Condenser Fan 2(4-CF2) - Evaporator Fan (5-EPF) - Defrost (6-DEF) - Liquid Line solenoid(7-LLS) - Crankcase Heater(8-HTR) - Alarm(9-ALM) - Light(10-LIG)	1	0
R/W	24939	616B	S05	Relay output 2 configuration	S - OUTPUT	byte	not used(0-NU) - DGS Compressor(1-DGS) -ON-OFF Compressor(2-CPR) - Condenser Fan 1(3-CF1) - Condenser Fan 2(4-CF2) - Evaporator Fan (5-EPF) - Defrost (6-DEF) - Liquid Line solenoid(7-LLS) - Crankcase Heater(8-HTR) - Alarm(9-ALM) - Light(10-LIG)	1	0
R/W	24940	616C	S06	Relay output 3 configuration	S - OUTPUT	byte	not used(0-NU) - DGS Compressor(1-DGS) -ON-OFF Compressor(2-CPR) - Condenser Fan 1(3-CF1) - Condenser Fan 2(4-CF2) - Evaporator Fan (5-EPF) - Defrost (6-DEF) - Liquid Line solenoid(7-LLS) - Crankcase Heater(8-HTR) - Alarm(9-ALM) - Light(10-LIG)	1	0
R/W	24941	616D	S07	Relay output 4 configuration	S - OUTPUT	byte	not used(0-NU) - DGS Compressor(1-DGS) -ON-OFF Compressor(2-CPR) - Condenser Fan 1(3-CF1) - Condenser Fan 2(4-CF2) - Evaporator Fan (5-EPF) - Defrost (6-DEF) - Liquid Line solenoid(7-LLS) - Crankcase Heater(8-HTR) - Alarm(9-ALM) - Light(10-LIG)	1	0
R/W	24942	616E	S08	Relay output 5 configuration	S - OUTPUT	byte	not used(0-NU) - DGS Compressor(1-DGS) -ON-OFF Compressor(2-CPR) - Condenser Fan 1(3-CF1) - Condenser Fan 2(4-CF2) - Evaporator Fan (5-EPF) - Defrost (6-DEF) - Liquid Line solenoid(7-LLS) - Crankcase Heater(8-HTR) - Alarm(9-ALM) - Light(10-LIG)	1	0
R/W	24943	616F	S09	Triac/PWM/0-10V analog output configuration	S - OUTPUT	byte	Not Used(0-NU) - Digital Solenoid(1-DGT) - Wave Form chopper for fan speed(2-PCF)-PWM fan speed(3-PEF)-0-10V(4-UEF)	1	0
R/W	24944	6170	S10	Triac output 2 configuration	S - OUTPUT	byte	Not Used(0-NU) - Digital Solenoid(1-DGT) - Wave Form chopper for fan speed(2-PCF)	1	0
R/W	24945	6171	S11	EXV Configuration	S - OUTPUT	byte	not used(0-NU) - Liquid Injection EXV(1-LIN) - EVI EXV(2-UIN) - System EXV(3-SHT)	1	0
R/W	24946	6172	S12	Output 1 Polarity	S - OUTPUT	1bit	CL(0-CL) - oP(1-OP)	1	0
R/W	24947	6173	S13	Output 2 polarity	S - OUTPUT	1bit	CL(0-CL) - oP(1-OP)	1	0
R/W	24948	6174	T01	Serial address	T - OTHERS	byte	1 to 247	1	0
R/W	24949	6175	T02	Reset key configuration	T - OTHERS	1bit	nP(0-NU) - rSt(1-RST)	1	0
R/W	24950	6176	T03	Period time of menu exit without key press	T - OTHERS	byte	10 to 120 sec	1	0
R/W	24951	6177	T04	Time for showing firmware version at startup	T - OTHERS	byte	0 to 60 sec	1	0
R/W	24952	6178	T05	Time for showing program name at startup	T - OTHERS	byte	0 to 60 sec	1	0
R/W	24953	6179	T06	P1 visualization	T - OTHERS	lock	0~999		
R/W	24954	617A	T07	P2 visualization	T - OTHERS	lock	0~999		
R/W	24955	617B	T08	P3 visualization	T - OTHERS	lock	0~999		
R/W	24956	617C	T09	P4 visualization	T - OTHERS	lock	0~999		
R/W	24957	617D	T10	P5 visualization	T - OTHERS	lock	0~999		
R/W	24958	617E	T11	P6 visualization	T - OTHERS	lock	0~999		
R/W	24959	617F	T12	P7 visualization	T - OTHERS	lock	0~999		
R/W	24960	6180	T13	Firmware release: day	T - OTHERS	lock	[1÷31]		
R	24961	6181	T14	Firmware release: month	T - OTHERS	lock	[1÷12]		
R	24962	6182	T15	Firmware release: year	T - OTHERS	lock	[0÷999]		
R	24963	6183	T16	Firmware release code	T - OTHERS	lock	[0÷999]		
R	24964	6184	T17	EEPROM map identification	T - OTHERS	word	[0÷999]		
R	24965	6185	T18	Enter into PR2 level	T - OTHERS	lock	[0÷999]		