411R15Z00	MAPPA 1M MASS -2/+10°C (IJF)	
Name	**Description**	**Configuration value**
/2	Analogue probe measurement stability	4
/3	Display probe value	15
/4	Virtual probe composition	0
/5	Unit of measure	FALSE
/6	Display decimal point	TRUE
/cA	Outlet temperature probe calibration	0
/cb	Defrost temperature probe calibration	-20
/cc	Intake temperature probe calibration	0
/cF	Auxiliary evaporator defrost temperature probe calibration	0
/cg	Auxiliary temperature probe 1 calibration	0
/cH	Auxiliary temperature probe 2 calibration	0
/cI	Ambient temperature probe calibration	0
/cM	Glass temperature probe calibration	0
/co	Condensing temperature probe calibration	0
/cp	Humidity probe calibration	0
/cq	Frost protection temperature probe calibration	0
/cr	Product temperature probe calibration	0
/d1	Assign end defrost probe	2
/d2	Assign auxiliary evaporator end defrost probe	6
/FA	Assign outlet temperature probe	1
/Fb	Assign defrost temperature probe	1
/Fc	Assign intake temperature probe	0
/FF	Assign auxiliary evaporator defrost temperature probe	0
/FG	Assign auxiliary temperature probe 1	0
/FH	Assign auxiliary temperature probe 2	0
/FI	Assign ambient temperature probe	0
/FM	Assign glass temperature probe	0
/Fo	Assign condensing temperature probe	0
/FP	Assign humidity probe (fixed on S5)	0
/FQ	Assign frost protection temperature probe	0
/FR	Assign product temperature probe	0
/Lb	Status LED ON in standby	TRUE
/nE	Enable user terminal navigation	FALSE
/P1	Configuration of probes S1, S2, S3, S4, B5	2
/P2	Configuration of multifunction input S3/DI1	5
/P7	Configuration of multifunction input S2H/DIH	2
/Sb	PRG button always ON in standby	TRUE
/t1	Display on user terminal	9
/t2	Display on remote display	10
/ta	Alternating (temperature/humidity)	0
A0	High and low temp. alarm reset differential	2
A1	Alarm thresholds (AL, AH) relative to the set point St or absolute	FALSE
A3	Defrost terminated after maximum time signal	FALSE
A6	Stop compressor with external alarm (Toff = 15 minutes, fixed): 0 = compre	0
A7	Delay time for delayed external alarm	0
Ac	Dirty condenser alarm threshold	70
Acd	Dirty condenser alarm delay time	0
Ad	Delay time for high and low temp. alarms (AH, AL)	125
Add	High temp. alarm bypass time for door open	4
AE	Dirty condenser alarm reset differential	10

AF	Frost protection alarm threshold	-5
Afd	Frost protection alarm delay time	1
AH	Relative high temperature alarm threshold	6
AL	Relative low temperature alarm threshold	4
AuC	Auxiliary command	FALSE
c0	Delay to enable compressor and evaporator fan at power on	2
c1	Min time between consecutive compressor starts	2
c10	End pump down	FALSE
c11	Second compressor start delay	4
c2	Min compressor OFF time	2
c3	Min compressor ON time	0
c4	ON time for duty setting operation (Toff = 15 minutes, fixed value)	15
c7	Defrost priority over continuous cycle	FALSE
c8	Compressor start delay after opening the pump down valve	5
c9	Restart during pump down	FALSE
cc	Continuous cycle running time (0 = disabled)	1
ccE	Set point delta to end continuous cycle	1.5
cPt	Maximum pump down time (0 = pump down disabled)	0
CSTFieldsEdit[1]		''
CSTFieldsEdit[2]		''
CSTFieldsEdit[3]		''
d0	Type of defrost	2
d10	Defrost time in running time mode	360
d11	Defrost temperature threshold in running time mode	1.5
d15	Start defrost delay	0
d16	Time with no temperature decrease before starting defrost	30
d20	Sampling time for alarm rSF	0
d21	Number of defrosts allowed before signalling alarm rSF	2
d22	Temperature difference to verify decrease	0.1
d4	Enable defrost at power on	TRUE
d5	Defrost delay at power on or after command from digital input	120
d6	Display on terminals during defrosts (0 = temperature alternating with ‘dEF	1
d7	Skip defrost	FALSE
d8	Bypass high temperature alarm time after defrost	1
d9	Defrost priority over compressor protection times	TRUE
dAS	DAY status / ECO mode	TRUE
dC	Time base for defrosts	FALSE
dC1	Time base for d8 (0 = d8 in minutes; 1 = d8 in seconds)	FALSE
dcH	Defrost after opening the door: maximum number of openings	36
dcL	Defrost after opening the door: minimum number of openings	36
dd	Dripping time after defrosting	0
dHA	Drain heater activation time before defrosting	3
dHE	Drain heater activation time after defrosting	3
dHG	Waiting time for compressor start to reverse cycle	0
dI	Maximum interval between consecutive defrosts	8
DIA	Assign immediate external alarm digital input	0
DIb	Assign delayed external alarm digital input	0
DIc	Assign enable defrost digital input	0
DId	Assign start defrost digital input	0
DIE	Assign door switch with compressor OFF digital input	0
DIF	Assign remote ON/OFF digital input	0
DIG	Assign curtain switch digital input	0

DIH	Assign start/stop continuous cycle digital input	0
DIo	Assign working parameter set changeover digital input	0
DIP	Assign door switch without compressor OFF digital input	1
DIS	Assign generic function alarm digital input logic	0
DIt	Assign low pressure switch digital input	0
DIU	Assign AUX output activation digital input	0
dn	Nominal defrost duration for skip defrost	75
DOA	Assign solenoid/compressor digital output	1
DOb	Assign alarm digital output	0
DOC	Assign AUX auxiliary digital output	0
DOE	Assign light digital output	0
DOG	Assign defrost digital output	2
DOH	Assign auxiliary evaporator defrost digital output	0
DOI	Assign evaporator fan digital output	3
DOj	Assign dehumidification digital output	0
DOk	Assign auxiliary compressor without rotation digital output	0
DOn	Assign pump down valve digital output	0
DOP	Assign drain heater digital output	0
DOQ	Assign anti-sweat heater digital output	0
DOS	Assign generic On/Off function digital output	0
DOt	Assign condenser fan digital output	0
DOT1	Relay 1 type	0
DOT2	Relay 2 type	0
DOT3	Relay 3 type	0
DOT4	Relay 4 type	0
DOu	Assign humidification digital output	0
DOv	Assign reverse digital output with dead band control	0
DOw	Assign auxiliary parallel compressor digital output	0
DOx	Assign gasket heater digital output	0
DOy	Assign auxiliary compressor with rotation digital output	0
DOz	Assign external dehumidifier digital output	0
dP1	Maximum defrost duration	30
dP2	Max auxiliary evaporator defrost duration	30
dPH	Defrost after opening the door	30
dPL	Defrost after opening the door	25
dPP		30
dS1	Compressor off time in sequential stop defrost mode	0
dS2	Compressor operating time in sequential stop defrost mode	120
dt1	End defrost temperature	4
dt2	Auxiliary evaporator end defrost temperature	4
dtP		4
F0	Evaporator fan management	0
F00	Condenser fan management	0
F1	Evaporator fan activation threshold	5
F10	Evaporator fan forcing time at maximum speed	0
F11	Fan ON time with low humidity level	0
F12	Fan OFF time with low humidity level	600
F13	Fan ON time with medium humidity level	50
F14	Fan OFF time with medium humidity level	150
F15	Fan ON time with high humidity level	600
F16	Fan OFF time with medium humidity level	0
F17	Temperature control differential for compressor activation with low humid	2.5

F18	Temperature control differential for compressor activation with medium h	2.5
F19	Temperature control differential for compressor activation with high humi	2.5
F2	Evaporator fans with compressor off	3
F3	Evaporator fans during defrosts	TRUE
F4	Condenser fan deactivation temperature	40
F5	Evaporator fan cut-off temperature	5
F5d	Condenser fan activation differential	5
F6	Maximum evaporator fan speed	100
F7	Minimum evaporator fan speed	0
F7h	Minimum evaporator fan speed during humidification	10
F8	Evaporator fan start-up time (0 = function disabled)	0
FCC	Modulating condenser fan cut-off temperature	2
FCH	Maximum modulating condenser fan speed	100
FCL	Minimum modulating condenser fan speed	0
Fd	Post-dripping time after defrost	1
Fd0	Evaporator fan ON time for anti-stratification during the day	5
FdF	Evaporator fan OFF time for anti-stratification during the day (0 = always O	10
Fn0	Evaporator fan ON time for anti-stratification at night	5
FnF	Evaporator fan OFF time for anti-stratification at night (0 = always ON at ni	20
Fpd	Evaporator fans during post-dripping	TRUE
Frd	Evaporator fan activation differential	2
FSh	Modulating evaporator fan speed in dehumidification	40
GFA_1	Generic alarm function, control probe 1	0
GFA_2	Generic alarm function, control probe 2	0
GFA_AlType		FALSE
GFA_D	Generic alarm function, differential	0.1
GFA_De	General alarm function, delay	0
GFA_E	Generic alarm function, enable	0
GFA_Hth	Generic alarm function, high temperature threshold	50
GFA_Lth	General alarm function, low temperature threshold	-50
GFA_n	Generic alarm function: number of occurrences for semi-automatic alarm r	0
GFA_P	Generic alarm function: time period to monitor semi-automatic alarm rese	0
GFA_r	Generic alarms function: reset type	0
GFM_E	Generic modulating function, enable	0
GFS_1	Generic On/Off function, control probe 1	0
GFS_2	Generic On/Off function, control probe 2	0
GFS_D	Generic On/Off function, differential	0
GFS_E	Generic On/Off function, enable	0
GFS_S	Generic On/Off function, set point	0
GFS_T	Generic On/Off function, type (0 = direct; 1 = reverse)	FALSE
H0	Serial address	1
H10	BMS serial port baud rate	4
H11	BMS serial port configuration	1
H14	Time light stays on after closing the door	0
H3	BMS serial protocol is Carel (FALSE) or Modbus (TRUE)	FALSE
H8	Output switched with time bands	0
Hb	Buzzer	TRUE
Hdh	Delta for anti-heating function	0
HMP	Operating hour threshold for maintenance alarm	0
Htd	HACCP alarm delay (0 = monitoring disabled)	0
HU	Humidity level	2
Mt	Manual mode duration (0 = manual mode always active)	10

OfT	Gasket heater OFF time	0
On	On/Off command	TRUE
OnT	Gasket heater ON time	5
PDM	Manufacturer password (OEM)	147
PDS	Service password	11
PDU	User password	0
r1	Minimum set point	-2
r2	Maximum set point	10
r30	Control mode	0
r4	Automatic night set point variation	3
r4d	Temperature control differential in ECO mode	4
r5c	Select probe to monitor	3
r6a	Control probe for night-time operation	FALSE
rd	Temperature control differential	2.5
Rdrh	Gasket heater control differential	1
rHt	Manual anti-sweat heater activation period (0 = function disabled)	5
rHU	Percentage of manual anti-sweat heater activation in period rHt (0 = functi	70
rIA	Immediate external alarm digital input logic	FALSE
rIb	Delayed external alarm digital input logic	FALSE
rIc	Enable defrost digital input logic	FALSE
rId	Start defrost digital input logic	FALSE
rIE	Door switch with compressor OFF digital input logic	FALSE
rIF	Remote ON/OFF digital input logic	FALSE
rIG	Curtain switch digital input logic	FALSE
rIH	Start/stop continuous cycle digital input logic	FALSE
rIo	Working parameter set changeover digital input logic	FALSE
rIP	Door switch without compressor OFF digital input logic	FALSE
rIS	Generic function alarm digital input logic	FALSE
rIt	Low pressure switch digital input logic	FALSE
rIU	AUX output activation digital input logic	FALSE
rM	Enable temperature monitoring	FALSE
rn	Dead band	4
ro	Control offset with probe error	0
rOA	Compressor digital output logic	FALSE
rOb	Alarm digital output logic	FALSE
rOc	AUX auxiliary digital output logic	FALSE
rOE	Light digital output logic	FALSE
rOG	Defrost digital output logic	FALSE
rOH	Auxiliary evaporator defrost digital output logic	FALSE
rOI	Evaporator fan digital output logic	FALSE
rOj	Dehumidification digital output logic	FALSE
rOk	Auxiliary compressor without rotation digital output logic	FALSE
rOn	Pump down valve digital output logic	FALSE
rOP	Drain heater digital output logic	FALSE
rOq	Anti-sweat heater digital output logic	FALSE
rOS	Generic On/Off function digital output logic	FALSE
rOt	Condenser fan digital output logic	FALSE
rOu	Humidification digital output logic	FALSE
rOv	Reverse digital output with dead band control logic	FALSE
rOw	Auxiliary parallel compressor digital output logic	FALSE
rOx	Gasket heater digital output logic	FALSE
rOy	Auxiliary compressor with rotation digital output logic	FALSE

rOz	External dehumidifier digital output logic	FALSE
rr	Reverse output differential	2
rS1	Working parameter set associated with open digital input (see par. DIo)	
rS2	Working parameter set associated with closed digital input (see par. DIo)	
Sc1	Custom temperature set point 1	0
Sc2	Custom temperature set point 2	0
Sc3	Custom temperature set point 3	0
Sc4	Custom temperature set point 4	0
Sc5	Custom temperature set point 5	0
Sc6	Custom temperature set point 6	0
St	Temperature control set point	-2
St_idx	Custom set point index	0
Strh	Gasket heater control set point	1
ucd	Compressor stop delay after HLVP protection activated	5
udE	Enable display of HLVP protection alarms	FALSE
uEn	Enable HLVP protection	FALSE
uHi	High voltage protection start threshold	245
uHo	High voltage protection end threshold	255
uLi	Low voltage protection start threshold	205
uLo	Low voltage protection end threshold	195
uof	OFF time for humidity duty setting operation	60
uon	ON time for duty setting operation	10

11/10/2022 *first production release*