

Commissioning Record

A commissioning protocol can be created via the air handling unit's webpage as well as a pdf document once installation of the air handling unit has been completed. See the separate instruction for the air handling unit's webpage.

Company

Our reference

Client	Date	SO No.
Plant	Project/Air handling unit	Series no.:
Plant address	Type/size	Program version:

Filter calibration performed

Timer, current time preset

Other controls

Notes

Function	Factory-preset value				Adjusted value			
Airflow								
Regulation mode								
Supply air	☒ Air flow	☐ Duct press.	☐ Demand	☐ Slave	Airflow	Duct press.	Demand	Slave
Extract air	☒ Air flow	☐ Duct press.	☐ Demand	☐ Slave	Airflow	Duct press.	Demand	Slave
Operation level								
Flow, low speed	SA	1)		1)				
	EA	1)		1)				
Flow, high speed	SA	1)		1)				
	EA	1)		1)				
Flow, max speed	SA	1)		1)				
	EA	1)		1)				
Flow, min. speed	SA			1)				
	EA			1)				
Pressure, low speed	SA (Pa)	100						
	EA (Pa)	100						
Pressure, high speed	SA (Pa)	200						
	EA (Pa)	200						
Max. fan speed	SA (%)	100%						
	EA (%)	100%						
Pressure, max speed	SA (Pa)	200						
	EA (Pa)	200						
Demand-controlled, low speed	SA (%)		25					
	EA (%)		25					
Demand-controlled, high speed	SA (%)		50					
	EA (%)		50					
Slave percentage diff.	%		1					
Slave fixed diff.			0					
Optimize								
Optimize	☐ On	☒ Off			On	Off		
Set point displacement								
Supply air	☐ On	☒ Off			On	Off		
Extract air	☐ On	☒ Off			On	Off		
Unit								
Unit of airflow	☐ l/s	☒ m³/s	☐ m³/h	☐ cfm	l/s	m³/s	m³/h	cfm
Unit of pressure	☒ Pa	☐ psi	☐ in.wc		Pa	psi	in.wc	
Outdoor air compensation								
Outdoor air compensation	☒ Disabled	☐ Low speed	☐ High Speed		Disabled	Low speed	High Speed	
	☐ Low speed and high speed				Low speed and high speed			
X1, breakpoint, outdoor air temp.	°C	-20°C						
X2, breakpoint, outdoor air temp.	°C	-10°C						
X3, breakpoint, outdoor air temp.	°C	+10°C						
X4, breakpoint, outdoor air temp.	°C	+20°C						

1) Low speed = 25%, high speed = 50% and max. speed = 75 % of max. flow, see Section 4.1.2 in the Function Manual, Installation.

Function	Factory-preset value	Adjusted value
<i>Supply air, flow</i>		
Y1, breakpoint, sup. air	25% of max. airflow for air handling unit	
Y2, breakpoint, sup. air	25% of max. airflow for air handling unit	
Y3, breakpoint, sup. air	25% of max. airflow for air handling unit	
Y4, breakpoint, sup. air	25% of max. airflow for air handling unit	
<i>Extract air, flow</i>		
Y1, breakpoint, extr. air	25% of max. airflow for air handling unit	
Y2, breakpoint, extr. air	25% of max. airflow for air handling unit	
Y3, breakpoint, extr. air	25% of max. airflow for air handling unit	
Y4, breakpoint, extr. air	25% of max. airflow for air handling unit	
<i>Supply air, pressure</i>		
Y1, breakpoint, supply air Pa	100	
Y2, breakpoint, supply air Pa	100	
Y3, breakpoint, supply air Pa	100	
Y4, breakpoint, supply air Pa	100	
<i>Extract air, pressure</i>		
Y1, breakpoint, extract air Pa	100	
Y2, breakpoint, extract air Pa	100	
Y3, breakpoint, extract air Pa	100	
Y4, breakpoint, extract air Pa	100	
Booster diffusers		
Booster diffusers	☐ On ☒ Off	On Off



Function	Factory-preset value			Adjusted value		
Temperature						
Regulation mode						
Position	☐ ERS 1	☐ ERS 2	☒ Supply air	ERS 1	ERS 2	Supply air
	☐ Extract air	☐ ORS	☐ ORE	Extract air	ORS	ORE
Mode Xzone:	☐ ERS 1	☐ ERS 2	☒ Supply air	ERS 1	ERS 2	Supply air
	☐ Extract air	☐ ORS	☐ ORE	Extract air	ORS	ORE
Seasonal controlled temp. regulation	☐ On	☒ Off		On	Off	
Seasonal controlled temp. regulation	☐ ERS 1	☐ ERS 2	☐ Supply air	ERS 1	ERS 2	Supply air
	☒ Extract air	☐ ORS	☐ ORE	Extract air	ORS	ORE
Seasonal controlled temp. reg., enabled	0					
Seasonal controlled temp. reg., disabled	20					
Settings						
ERS 1						
Extract related supply air-1 step	2					
Extract related supply air-1 diff K	3					
Extract related supply air-1 break point °C	22					
Xzone Extract related supply air-1 step	2					
Xzone Extract related supply air-1 diff K	3					
Xzone Extract related supply air-1 break point °C	22					
ERS 2						
Extract air temperature						
Extract related supply air-2 X1 °C	15					
Extract related supply air-2 X2 °C	20					
Extract related supply air-2 X3 °C	22					
Extract related supply air-2 X4 °C	22					
Xzone Extract related supply air-2 X1 °C	15					
Xzone Extract related supply air-2 X2 °C	20					
Xzone Extract related supply air-2 X3 °C	22					
Xzone Extract related supply air-2 X4 °C	22					
Supply air temperature set point						
Extract related supply air-2 Y1 °C	20					
Extract related supply air-2 Y2 °C	18					
Extract related supply air-2 Y3 °C	14					
Extract related supply air-2 Y4 °C	12					
Xzone Extract related supply air-2 Y1 °C	20					
Xzone Extract related supply air-2 Y2 °C	18					
Xzone Extract related supply air-2 Y3 °C	14					
Xzone Extract related supply air-2 Y4 °C	12					
Supply air regulation						
Supply air (temp. set point) °C	21					
Xzone supply air (temp. set point) °C	21					
Extract air regulation						
Extract air (temp. set point) °C	21					
Supply air, min. °C	16					
Supply air, max. °C	28					
Xzone Extract air (temp. set point) °C	21					
Xzone Supply air min. °C	16					
Xzone Supply air max. °C	28					

Function		Factory-preset value	Adjusted value
Seasonal controlled temperature regulation			
Seasonal controlled supply air	°C	21	
Seasonal controlled extract air	°C	21	
Seasonal controlled supply air min.	°C	16	
Seasonal controlled supply air max.	°C	28	
ORS regulation			
<i>Outdoor air temperature</i>			
Outdoor related supply air X1	°C	-20°C	
Outdoor related supply air X2	°C	-10°C	
Outdoor related supply air X3	°C	10°C	
Outdoor related supply air X4	°C	20°C	
Xzone Outdoor related supply air X1	°C	-20°C	
Xzone Outdoor related supply air X2	°C	-10°C	
Xzone Outdoor related supply air X3	°C	10°C	
Xzone Outdoor related supply air X4	°C	20°C	
<i>Supply air temperature set point</i>			
Outdoor related supply air Y1	°C	21.5°C	
Outdoor related supply air Y2	°C	21.5°C	
Outdoor related supply air Y3	°C	21.5°C	
Outdoor related supply air Y4	°C	21.5°C	
Xzone Outdoor related supply air Y1	°C	21.5°C	
Xzone Outdoor related supply air Y2	°C	21.5°C	
Xzone Outdoor related supply air Y3	°C	21.5°C	
Xzone Outdoor related supply air Y4	°C	21.5°C	
ORE regulation			
Supply air, min.	°C	16°C	
Supply air, max.	°C	28°C	
<i>Outdoor air temperature</i>			
Outdoor related extract air X1	°C	-20°C	
Outdoor related extract air X2	°C	-10°C	
Outdoor related extract air X3	°C	10°C	
Outdoor related extract air X4	°C	20°C	
Xzone Outdoor related extract air X1	°C	-20°C	
Xzone Outdoor related extract air X2	°C	-10°C	
Xzone Outdoor related extract air X3	°C	10°C	
Xzone Outdoor related extract air X4	°C	20°C	
<i>Extract air temperature set point</i>			
Outdoor related extract air Y1	°C	21.5°C	
Outdoor related extract air Y2	°C	21.5°C	
Outdoor related extract air Y3	°C	21.5°C	
Outdoor related extract air Y4	°C	21.5°C	
Xzone Outdoor related extract air Y1	°C	21.5°C	
Xzone Outdoor related extract air Y2	°C	21.5°C	
Xzone Outdoor related extract air Y3	°C	21.5°C	
Xzone Outdoor related extract air Y4	°C	21.5°C	
Unit of temperature			
Unit	☒ °C ☐ °F		°C °F
Set point displacement			
Set point displacement	☐ On ☒ Off		On Off
Neutral zone			
Supply air, temperature control	K	0.5	
Extract air, temperature control	K	0.5	
Xzone Supply air neautral zone	K	0.5	
Xzone Extract air neautral zone	K	0.5	

Function		Factory-preset value	Adjusted value
Night compensation			
Night compensation		☐ On ☒ Off	On Off
Night reduction	K	-2.0	
Time channel 1 start of night	hour:min.	00:00	
Time channel 1 end of night	hour:min.	00:00	
Time channel 1 period		☒ Inactive ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐ Saturday ☐ Sunday ☐ Mon.-Fri ☐ Mon.-Sun ☐ Sat.-Sun	Inactive Monday Tuesday Wednesday Thursday Friday Saturday Sunday Mon.-Fri Mon.-Sun Sat.-Sun
Time channel 2 start of night	hour:min.	00:00	
Time channel 2 end of night	hour:min.	00:00	
Time channel 2 period		☒ Inactive ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐ Saturday ☐ Sunday ☐ Mon.-Fri ☐ Mon.-Sun ☐ Sat.-Sun	Inactive Monday Tuesday Wednesday Thursday Friday Saturday Sunday Mon.-Fri Mon.-Sun Sat.-Sun
Neutral zone			
Supply air, temperature control	K	0.5	
Extract air, temperature control	K	0.5	
Xzone Supply air neutral zone	K	0.5	
Xzone Extract air neutral zone	K	0.5	
Dew point compensated supply air			
Supply air, dew point compensation		On ☒ Off	On Off
Air flow compensation		On ☒ Off	On Off
External temperature sensors			
Extract air duct, temperature sensor		☐ On ☒ Off	On Off
Room sensor 1		☐ On ☒ Off	On Off
Room sensor 2		☐ On ☒ Off	On Off
Room sensor 3		☐ On ☒ Off	On Off
Room sensor 4		☐ On ☒ Off	On Off
External temperature sensors			
Room sensor mode		☒ Medium ☐ Min. ☐ Max.	Medium Min. Max.
Room temp from communication		☐ On ☒ Off	On Off
Room temp., for intermittent night heat only		☐ On ☒ Off	On Off
Room temp., for summer night cooling only		☐ On ☒ Off	On Off
Outdoor air sensor 1		☐ On ☒ Off	On Off
Outdoor air sensor 2		☐ On ☒ Off	On Off
Outdoor air sensor 3		☐ On ☒ Off	On Off
Outdoor air sensor 4		☐ On ☒ Off	On Off
Outdoor air sensor mode		☒ Medium ☐ Min. ☐ Max.	Medium Min. Max.
Outdoor temp from communication		☐ On ☒ Off	On Off
Xzone room sensor 1		☐ On ☒ Off	On Off
Xzone Room sensor 2		☐ On ☒ Off	On Off
Xzone Room sensor 3		☐ On ☒ Off	On Off
Xzone room sensor 4		☐ On ☒ Off	On Off
Xzone, room sensor mode		☒ Medium ☐ Min. ☐ Max.	Medium Min. Max.
Xzone, room temp from communication		☐ On ☒ Off	On Off

Function	Factory-preset value	Adjusted value
Regulation sequence		
Heat mode	1	
Cool mode	1	
Min. exhaust air		
Min. exhaust air	☐ On ☒ Off	On Off
Min. exhaust air temperature °C	5.0	
Morning Boost		
Morning Boost	☐ On ☒ Off	On Off
Start time hour:min.	00:00	
Supply air, set point	50% of max. supply air for AHU alt. 100 Pa	
Heating boost		
Heating boost	☐ On ☒ Off	On Off
Start limit K	3	
Cooling boost		
Cooling boost	☒ Disabled ☐ Comf. ☐ Econ. ☐ Sequence ☐ Comf. and econ. ☐ Economy and sequence ☐ Sequence and comfort ☐ Comfort, economy and sequence	Disabled Comf. Econ. Sequence Comf. and econ. Economy and sequence Sequence and comfort Comfort, economy and sequence
Start limit (Comfort) K	3	
Intermittent night heat		
Intermittent night heat	☐ On ☒ Off	On Off
Air recirculation	☒ On ☐ Off	On Off
Room temperature, start °C	16	
Room temperature, stop °C	18	
Supply air temperature, set point °C	28	
Supply airflow, set point	50% of max. supply air for AHU alt. 100 Pa	
Extract airflow, set point	50% of max. supply air for AHU alt. 100 Pa	
Summer night cool		
Summer night cool	☐ On ☒ Off	On Off
Start time hour:min.	23:00	
Stop time hour:min.	06:00	
Outdoor air start °C	10	
Extract air start °C	22	
Extract air stop °C	16	
Supply air, set point °C	10	
Start, period with stopped AHU mm-dd	05-01	
Stop, period with stopped AHU mm-dd	10-01	
Supply air, set point (flow)	50% of max. airflow for the AHU	
Supply air, set point (pressure)	100 Pa	
Extract air set point (flow)	50% of max. airflow for the AHU	
Extract air set point (pressure)	100 Pa	
Down regulation (airflow/pressure)		
Down regulation	☒ Disabled ☐ Supply air ☐ Supply and extract air	Disabled Supply air Supply and extract air



Function	Factory-preset value	Adjusted value
<i>Time and schedule</i>		
Schedule settings		
Preselected operating mode	☒ Total stop ☐ Low speed ☐ High Speed ☐ Normal Stop ☐ Extended Normal Stop	Total stop Low speed High Speed Normal Stop Extended Normal Stop
Effective period	☒ On ☐ Off	On Off
Start date	☐ Enabled ☒ Inactive	Enabled Inactive
Start date yy/mm/dd		
Stop date	☐ Enabled ☒ Inactive	Enabled Inactive
Stop date yy/mm/dd		
Day schedule		
<i>Monday</i>		
Time, event 1 hour:min.	00:00	
Event 1	☒ Disabled ☐ Total stop ☐ Low speed ☐ High Speed ☐ Normal Stop ☐ Extended Normal Stop	Disabled Total Stop Low speed High Speed Normal Stop Extended Normal Stop
Time, event 2 hour:min.	00:00	
Event 2	☒ Disabled ☐ Total stop ☐ Low speed ☐ High Speed ☐ Normal Stop ☐ Extended Normal Stop	Disabled Total Stop Low speed High Speed Normal Stop Extended Normal Stop
Time, event 3 hour:min.	00:00	
Event 3	☒ Disabled ☐ Total stop ☐ Low speed ☐ High Speed ☐ Normal Stop ☐ Extended Normal Stop	Disabled Total Stop Low speed High Speed Normal Stop Extended Normal Stop
Time, event 4 hour:min.	00:00	
Event 4	☒ Disabled ☐ Total stop ☐ Low speed ☐ High Speed ☐ Normal Stop ☐ Extended Normal Stop	Disabled Total Stop Low speed High Speed Normal Stop Extended Normal Stop
Time, event 5 hour:min.	00:00	
Event 5	☒ Disabled ☐ Total stop ☐ Low speed ☐ High Speed ☐ Normal Stop ☐ Extended Normal Stop	Disabled Total Stop Low speed High Speed Normal Stop Extended Normal Stop
Time, event 6 hour:min.	00:00	
Event 6	☒ Disabled ☐ Total stop ☐ Low speed ☐ High Speed ☐ Normal Stop ☐ Extended Normal Stop	Disabled Total Stop Low speed High Speed Normal Stop Extended Normal Stop

Function	Factory-preset value	Adjusted value
<i>Tuesday</i>		
Time, event 1 hour:min.	00:00	
Event 1	☒ Disabled ☐ Total stop ☐ Low speed ☐ High Speed ☐ Normal Stop ☐ Extended Normal Stop	Disabled Total Stop Low speed High Speed Normal Stop Extended Normal Stop
Time, event 2 hour:min.	00:00	
Event 2	☒ Disabled ☐ Total stop ☐ Low speed ☐ High Speed ☐ Normal Stop ☐ Extended Normal Stop	Disabled Total Stop Low speed High Speed Normal Stop Extended Normal Stop
Time, event 3 hour:min.	00:00	
Event 3	☒ Disabled ☐ Total stop ☐ Low speed ☐ High Speed ☐ Normal Stop ☐ Extended Normal Stop	Disabled Total Stop Low speed High Speed Normal Stop Extended Normal Stop
Time, event 4 hour:min.	00:00	
Event 4	☒ Disabled ☐ Total stop ☐ Low speed ☐ High Speed ☐ Normal Stop ☐ Extended Normal Stop	Disabled Total Stop Low speed High Speed Normal Stop Extended Normal Stop
Time, event 5 hour:min.	00:00	
Event 5	☒ Disabled ☐ Total stop ☐ Low speed ☐ High Speed ☐ Normal Stop ☐ Extended Normal Stop	Disabled Total Stop Low speed High Speed Normal Stop Extended Normal Stop
Time, event 6 hour:min.	00:00	
Event 6	☒ Disabled ☐ Total stop ☐ Low speed ☐ High Speed ☐ Normal Stop ☐ Extended Normal Stop	Disabled Total Stop Low speed High Speed Normal Stop Extended Normal Stop
<i>Wednesday</i>		
Time, event 1 hour:min.	00:00	
Event 1	☒ Disabled ☐ Total stop ☐ Low speed ☐ High Speed ☐ Normal Stop ☐ Extended Normal Stop	Disabled Total Stop Low speed High Speed Normal Stop Extended Normal Stop
Time, event 2 hour:min.	00:00	
Event 2	☒ Disabled ☐ Total stop ☐ Low speed ☐ High Speed ☐ Normal Stop ☐ Extended Normal Stop	Disabled Total Stop Low speed High Speed Normal Stop Extended Normal Stop
Time, event 3 hour:min.	00:00	
Event 3	☒ Disabled ☐ Total stop ☐ Low speed ☐ High Speed ☐ Normal Stop ☐ Extended Normal Stop	Disabled Total Stop Low speed High Speed Normal Stop Extended Normal Stop
Time, event 4 hour:min.	00:00	
Event 4	☒ Disabled ☐ Total stop ☐ Low speed ☐ High Speed ☐ Normal Stop ☐ Extended Normal Stop	Disabled Total Stop Low speed High Speed Normal Stop Extended Normal Stop
Time, event 5 hour:min.	00:00	
Event 5	☒ Disabled ☐ Total stop ☐ Low speed ☐ High Speed ☐ Normal Stop ☐ Extended Normal Stop	Disabled Total Stop Low speed High Speed Normal Stop Extended Normal Stop
Time, event 6 hour:min.	00:00	
Event 6	☒ Disabled ☐ Total stop ☐ Low speed ☐ High Speed ☐ Normal Stop ☐ Extended Normal Stop	Disabled Total Stop Low speed High Speed Normal Stop Extended Normal Stop

Function		Factory-preset value	Adjusted value	
<i>Thursday</i>				
Time, event 1	hour:min.	00:00		
Event 1		☒ Disabled ☐ Total stop ☐ Low speed ☐ High Speed ☐ Normal Stop ☐ Extended Normal Stop	Disabled Total Stop Low speed High Speed Normal Stop Extended Normal Stop	
Time, event 2	hour:min.	00:00		
Event 2		☒ Disabled ☐ Total stop ☐ Low speed ☐ High Speed ☐ Normal Stop ☐ Extended Normal Stop	Disabled Total Stop Low speed High Speed Normal Stop Extended Normal Stop	
Time, event 3	hour:min.	00:00		
Event 3		☒ Disabled ☐ Total stop ☐ Low speed ☐ High Speed ☐ Normal Stop ☐ Extended Normal Stop	Disabled Total Stop Low speed High Speed Normal Stop Extended Normal Stop	
Time, event 4	hour:min.	00:00		
Event 4		☒ Disabled ☐ Total stop ☐ Low speed ☐ High Speed ☐ Normal Stop ☐ Extended Normal Stop	Disabled Total Stop Low speed High Speed Normal Stop Extended Normal Stop	
Time, event 5	hour:min.	00:00		
Event 5		☒ Disabled ☐ Total stop ☐ Low speed ☐ High Speed ☐ Normal Stop ☐ Extended Normal Stop	Disabled Total Stop Low speed High Speed Normal Stop Extended Normal Stop	
Time, event 6	hour:min.	00:00		
Event 6		☒ Disabled ☐ Total stop ☐ Low speed ☐ High Speed ☐ Normal Stop ☐ Extended Normal Stop	Disabled Total Stop Low speed High Speed Normal Stop Extended Normal Stop	
<i>Friday</i>				
Time, event 1	hour:min.	00:00		
Event 1		☒ Disabled ☐ Total stop ☐ Low speed ☐ High Speed ☐ Normal Stop ☐ Extended Normal Stop	Disabled Total Stop Low speed High Speed Normal Stop Extended Normal Stop	
Time, event 2	hour:min.	00:00		
Event 2		☒ Disabled ☐ Total stop ☐ Low speed ☐ High Speed ☐ Normal Stop ☐ Extended Normal Stop	Disabled Total Stop Low speed High Speed Normal Stop Extended Normal Stop	
Time, event 3	hour:min.	00:00		
Event 3		☒ Disabled ☐ Total stop ☐ Low speed ☐ High Speed ☐ Normal Stop ☐ Extended Normal Stop	Disabled Total Stop Low speed High Speed Normal Stop Extended Normal Stop	
Time, event 4	hour:min.	00:00		
Event 4		☒ Disabled ☐ Total stop ☐ Low speed ☐ High Speed ☐ Normal Stop ☐ Extended Normal Stop	Disabled Total Stop Low speed High Speed Normal Stop Extended Normal Stop	
Time, event 5	hour:min.	00:00		
Event 5		☒ Disabled ☐ Total stop ☐ Low speed ☐ High Speed ☐ Normal Stop ☐ Extended Normal Stop	Disabled Total Stop Low speed High Speed Normal Stop Extended Normal Stop	
Time, event 6	hour:min.	00:00		
Event 6		☒ Disabled ☐ Total stop ☐ Low speed ☐ High Speed ☐ Normal Stop ☐ Extended Normal Stop	Disabled Total Stop Low speed High Speed Normal Stop Extended Normal Stop	

Function	Factory-preset value	Adjusted value
<i>Saturday</i>		
Time, event 1 hour:min.	00:00	
Event 1	☒ Disabled ☐ Total stop ☐ Low speed ☐ High Speed ☐ Normal Stop ☐ Extended Normal Stop	Disabled Total Stop Low speed High Speed Normal Stop Extended Normal Stop
Time, event 2 hour:min.	00:00	
Event 2	☒ Disabled ☐ Total stop ☐ Low speed ☐ High Speed ☐ Normal Stop ☐ Extended Normal Stop	Disabled Total Stop Low speed High Speed Normal Stop Extended Normal Stop
Time, event 3 hour:min.	00:00	
Event 3	☒ Disabled ☐ Total stop ☐ Low speed ☐ High Speed ☐ Normal Stop ☐ Extended Normal Stop	Disabled Total Stop Low speed High Speed Normal Stop Extended Normal Stop
Time, event 4 hour:min.	00:00	
Event 4	☒ Disabled ☐ Total stop ☐ Low speed ☐ High Speed ☐ Normal Stop ☐ Extended Normal Stop	Disabled Total Stop Low speed High Speed Normal Stop Extended Normal Stop
Time, event 5 hour:min.	00:00	
Event 5	☒ Disabled ☐ Total stop ☐ Low speed ☐ High Speed ☐ Normal Stop ☐ Extended Normal Stop	Disabled Total Stop Low speed High Speed Normal Stop Extended Normal Stop
Time, event 6 hour:min.	00:00	
Event 6	☒ Disabled ☐ Total stop ☐ Low speed ☐ High Speed ☐ Normal Stop ☐ Extended Normal Stop	Disabled Total Stop Low speed High Speed Normal Stop Extended Normal Stop
<i>Sunday</i>		
Time, event 1 hour:min.	00:00	
Event 1	☒ Disabled ☐ Total stop ☐ Low speed ☐ High Speed ☐ Normal Stop ☐ Extended Normal Stop	Disabled Total Stop Low speed High Speed Normal Stop Extended Normal Stop
Time, event 2 hour:min.	00:00	
Event 2	☒ Disabled ☐ Total stop ☐ Low speed ☐ High Speed ☐ Normal Stop ☐ Extended Normal Stop	Disabled Total Stop Low speed High Speed Normal Stop Extended Normal Stop
Time, event 3 hour:min.	00:00	
Event 3	☒ Disabled ☐ Total stop ☐ Low speed ☐ High Speed ☐ Normal Stop ☐ Extended Normal Stop	Disabled Total Stop Low speed High Speed Normal Stop Extended Normal Stop
Time, event 4 hour:min.	00:00	
Event 4	☒ Disabled ☐ Total stop ☐ Low speed ☐ High Speed ☐ Normal Stop ☐ Extended Normal Stop	Disabled Total Stop Low speed High Speed Normal Stop Extended Normal Stop
Time, event 5 hour:min.	00:00	
Event 5	☒ Disabled ☐ Total stop ☐ Low speed ☐ High Speed ☐ Normal Stop ☐ Extended Normal Stop	Disabled Total Stop Low speed High Speed Normal Stop Extended Normal Stop
Time, event 6 hour:min.	00:00	
Event 6	☒ Disabled ☐ Total stop ☐ Low speed ☐ High Speed ☐ Normal Stop ☐ Extended Normal Stop	Disabled Total Stop Low speed High Speed Normal Stop Extended Normal Stop

Function		Factory-preset value	Adjusted value	
<i>Ex1</i>				
Time, event 1	hour:min.	00:00		
Event 1		☒ Disabled ☐ Total stop ☐ Low speed ☐ High Speed ☐ Normal Stop ☐ Extended Normal Stop	Disabled Total Stop Low speed High Speed Normal Stop Extended Normal Stop	
Time, event 2	hour:min.	00:00		
Event 2		☒ Disabled ☐ Total stop ☐ Low speed ☐ High Speed ☐ Normal Stop ☐ Extended Normal Stop	Disabled Total Stop Low speed High Speed Normal Stop Extended Normal Stop	
Time, event 3	hour:min.	00:00		
Event 3		☒ Disabled ☐ Total stop ☐ Low speed ☐ High Speed ☐ Normal Stop ☐ Extended Normal Stop	Disabled Total Stop Low speed High Speed Normal Stop Extended Normal Stop	
Time, event 4	hour:min.	00:00		
Event 4		☒ Disabled ☐ Total stop ☐ Low speed ☐ High Speed ☐ Normal Stop ☐ Extended Normal Stop	Disabled Total Stop Low speed High Speed Normal Stop Extended Normal Stop	
Time, event 5	hour:min.	00:00		
Event 5		☒ Disabled ☐ Total stop ☐ Low speed ☐ High Speed ☐ Normal Stop ☐ Extended Normal Stop	Disabled Total Stop Low speed High Speed Normal Stop Extended Normal Stop	
Time, event 6	hour:min.	00:00		
Event 6		☒ Disabled ☐ Total stop ☐ Low speed ☐ High Speed ☐ Normal Stop ☐ Extended Normal Stop	Disabled Total Stop Low speed High Speed Normal Stop Extended Normal Stop	
<i>Ex2</i>				
Time, event 1	hour:min.	00:00		
Event 1		☒ Disabled ☐ Total stop ☐ Low speed ☐ High Speed ☐ Normal Stop ☐ Extended Normal Stop	Disabled Total Stop Low speed High Speed Normal Stop Extended Normal Stop	
Time, event 2	hour:min.	00:00		
Event 2		☒ Disabled ☐ Total stop ☐ Low speed ☐ High Speed ☐ Normal Stop ☐ Extended Normal Stop	Disabled Total Stop Low speed High Speed Normal Stop Extended Normal Stop	
Time, event 3	hour:min.	00:00		
Event 3		☒ Disabled ☐ Total stop ☐ Low speed ☐ High Speed ☐ Normal Stop ☐ Extended Normal Stop	Disabled Total Stop Low speed High Speed Normal Stop Extended Normal Stop	
Time, event 4	hour:min.	00:00		
Event 4		☒ Disabled ☐ Total stop ☐ Low speed ☐ High Speed ☐ Normal Stop ☐ Extended Normal Stop	Disabled Total Stop Low speed High Speed Normal Stop Extended Normal Stop	
Time, event 5	hour:min.	00:00		
Event 5		☒ Disabled ☐ Total stop ☐ Low speed ☐ High Speed ☐ Normal Stop ☐ Extended Normal Stop	Disabled Total Stop Low speed High Speed Normal Stop Extended Normal Stop	
Time, event 6	hour:min.	00:00		
Event 6		☒ Disabled ☐ Total stop ☐ Low speed ☐ High Speed ☐ Normal Stop ☐ Extended Normal Stop	Disabled Total Stop Low speed High Speed Normal Stop Extended Normal Stop	

Function	Factory-preset value	Adjusted value
Exceptions schedule		
<i>Exceptions schedule 1(Ex1)</i>		
Exceptions method	☒ Inactive ☐ Date ☐ Date range ☐ Weekday ☐ Calendar 1 ☐ Calendar 2	Inactive Date Date range Weekday Calendar 1 Calendar 2
<i>Date</i>		
Start date yy/mm/dd		
Start weekday	☒ Each day ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐ Saturday ☐ Sunday	Each day Monday Tuesday Wednesday Thursday Friday Saturday Sunday
<i>Date range</i>		
Start date yy/mm/dd		
Start weekday	☒ Each day ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐ Saturday ☐ Sunday	Each day Monday Tuesday Wednesday Thursday Friday Saturday Sunday
Stop date yy/mm/dd		
Stop weekday	☒ Each day ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐ Saturday ☐ Sunday	Each day Monday Tuesday Wednesday Thursday Friday Saturday Sunday
<i>Weekday</i>		
Start date		Mon 1-12 Odd Even Each Day 1-7 8-14 15-21 22-28 29-31
Start weekday	☒ Each day ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐ Saturday ☐ Sunday	Each day Monday Tuesday Wednesday Thursday Friday Saturday Sunday

Function	Factory-preset value	Adjusted value
Exceptions schedule 2 (Ex2)		
Exceptions method	☒ Inactive ☐ Date ☐ Date range ☐ Weekday ☐ Calendar 1 ☐ Calendar 2	Inactive Date Date range Weekday Calendar 1 Calendar 2
<i>Date</i>		
Start date yy/mm/dd		
Start weekday	☒ Each day ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐ Saturday ☐ Sunday	Each day Monday Tuesday Wednesday Thursday Friday Saturday Sunday
<i>Date range</i>		
Start date yy/mm/dd		
Start weekday	☒ Each day ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐ Saturday ☐ Sunday	Each day Monday Tuesday Wednesday Thursday Friday Saturday Sunday
Stop date yy/mm/dd		
Stop weekday	☒ Each day ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐ Saturday ☐ Sunday	Each day Monday Tuesday Wednesday Thursday Friday Saturday Sunday
<i>Weekday</i>		
Start date		Mon 1-12 Odd Even Each Day 1-7 8-14 15-21 22-28 29-31
Start weekday	☒ Each day ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐ Saturday ☐ Sunday	Each day Monday Tuesday Wednesday Thursday Friday Saturday Sunday
Calendar 1		
Function 1	☒ Inactive ☐ Date ☐ Date range ☐ Weekday	Inactive Date Date range Weekday
<i>Date</i>		
Start date yy/mm/dd		
Start weekday	☒ Each day ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐ Saturday ☐ Sunday	Each day Monday Tuesday Wednesday Thursday Friday Saturday Sunday
<i>Date range</i>		
Start date yy/mm/dd		
Stop date yy/mm/dd		
<i>Weekday</i>		
Start date		Mon 1-12 Odd Even Each Day 1-7 8-14 15-21 22-28 29-31
Start weekday	☒ Each day ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐ Saturday ☐ Sunday	Each day Monday Tuesday Wednesday Thursday Friday Saturday Sunday

Function	Factory-preset value	Adjusted value
Function 2	☒ Inactive ☐ Date ☐ Date range ☐ Weekday	Inactive Date Date range Weekday
Date		
Start date Yy/mm/dd		
Start weekday	☒ Each day ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐ Saturday ☐ Sunday	Each day Monday Tuesday Wednesday Thursday Friday Saturday Sunday
Date range		
Start date Yy/mm/dd		
Stop date Yy/mm/dd		
Weekday		
Start date		Mon 1-12 Odd Even Each Day 1-7 8-14 15-21 22-28 29-31
Start weekday	☒ Each day ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐ Saturday ☐ Sunday	Each day Monday Tuesday Wednesday Thursday Friday Saturday Sunday
Function 3	☒ Inactive ☐ Date ☐ Date range ☐ Weekday	Inactive Date Date range Weekday
Date		
Start date Yy/mm/dd		
Start weekday	☒ Each day ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐ Saturday ☐ Sunday	Each day Monday Tuesday Wednesday Thursday Friday Saturday Sunday
Date range		
Start date Yy/mm/dd		
Stop date Yy/mm/dd		
Weekday		
Start date		Mon 1-12 Odd Even Each Day 1-7 8-14 15-21 22-28 29-31
Start weekday	☒ Each day ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐ Saturday ☐ Sunday	Each day Monday Tuesday Wednesday Thursday Friday Saturday Sunday

Function	Factory-preset value	Adjusted value
Function 4	☒ Inactive ☐ Date ☐ Date range ☐ Weekday	Inactive Date Date range Weekday
<i>Date</i>		
Start date Yy/mm/dd		
Start weekday	☒ Each day ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐ Saturday ☐ Sunday	Each day Monday Tuesday Wednesday Thursday Friday Saturday Sunday
<i>Date range</i>		
Start date Yy/mm/dd		
Stop date Yy/mm/dd		
<i>Weekday</i>		
Start date		Mon 1-12 Odd Even Each Day 1-7 8-14 15-21 22-28 29-31
Start weekday	☒ Each day ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐ Saturday ☐ Sunday	Each day Monday Tuesday Wednesday Thursday Friday Saturday Sunday
Function 5	☒ Inactive ☐ Date ☐ Date range ☐ Weekday	Inactive Date Date range Weekday
<i>Date</i>		
Start date Yy/mm/dd		
Start weekday	☒ Each day ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐ Saturday ☐ Sunday	Each day Monday Tuesday Wednesday Thursday Friday Saturday Sunday
<i>Date range</i>		
Start date Yy/mm/dd		
Stop date Yy/mm/dd		
<i>Weekday</i>		
Start date		Mon 1-12 Odd Even Each Day 1-7 8-14 15-21 22-28 29-31
Start weekday	☒ Each day ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐ Saturday ☐ Sunday	Each day Monday Tuesday Wednesday Thursday Friday Saturday Sunday

Function	Factory-preset value	Adjusted value
Function 6	☒ Inactive ☐ Date ☐ Date range ☐ Weekday	Inactive Date Date range Weekday
Date		
Start date Yy/mm/dd		
Start weekday	☒ Each day ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐ Saturday ☐ Sunday	Each day Monday Tuesday Wednesday Thursday Friday Saturday Sunday
Date range		
Start date Yy/mm/dd		
Stop date Yy/mm/dd		
Weekday		
Start date		Mon 1-12 Odd Even Each Day 1-7 8-14 15-21 22-28 29-31
Start weekday	☒ Each day ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐ Saturday ☐ Sunday	Each day Monday Tuesday Wednesday Thursday Friday Saturday Sunday
Function 7	☒ Inactive ☐ Date ☐ Date range ☐ Weekday	Inactive Date Date range Weekday
Date		
Start date Yy/mm/dd		
Start weekday	☒ Each day ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐ Saturday ☐ Sunday	Each day Monday Tuesday Wednesday Thursday Friday Saturday Sunday
Date range		
Start date Yy/mm/dd		
Stop date Yy/mm/dd		
Weekday		
Start date		Mon 1-12 Odd Even Each Day 1-7 8-14 15-21 22-28 29-31
Start weekday	☒ Each day ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐ Saturday ☐ Sunday	Each day Monday Tuesday Wednesday Thursday Friday Saturday Sunday

Function	Factory-preset value	Adjusted value
Function 8	☒ Inactive ☐ Date ☐ Date range ☐ Weekday	Inactive Date Date range Weekday
<i>Date</i>		
Start date Yy/mm/dd		
Start weekday	☒ Each day ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐ Saturday ☐ Sunday	Each day Monday Tuesday Wednesday Thursday Friday Saturday Sunday
<i>Date range</i>		
Start date Yy/mm/dd		
Stop date Yy/mm/dd		
<i>Weekday</i>		
Start date		Mon 1-12 Odd Even Each Day 1-7 8-14 15-21 22-28 29-31
Start weekday	☒ Each day ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐ Saturday ☐ Sunday	Each day Monday Tuesday Wednesday Thursday Friday Saturday Sunday
Function 9	☒ Inactive ☐ Date ☐ Date range ☐ Weekday	Inactive Date Date range Weekday
<i>Date</i>		
Start date Yy/mm/dd		
Start weekday	☒ Each day ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐ Saturday ☐ Sunday	Each day Monday Tuesday Wednesday Thursday Friday Saturday Sunday
<i>Date range</i>		
Start date Yy/mm/dd		
Stop date Yy/mm/dd		
<i>Weekday</i>		
Start date		Mon 1-12 Odd Even Each Day 1-7 8-14 15-21 22-28 29-31
Start weekday	☒ Each day ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐ Saturday ☐ Sunday	Each day Monday Tuesday Wednesday Thursday Friday Saturday Sunday

Function	Factory-preset value	Adjusted value
Function 10	☒ Inactive ☐ Date ☐ Date range ☐ Weekday	Inactive Date Date range Weekday
Date		
Start date Yy/mm/dd		
Start weekday	☒ Each day ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐ Saturday ☐ Sunday	Each day Monday Tuesday Wednesday Thursday Friday Saturday Sunday
Date range		
Start date Yy/mm/dd		
Stop date Yy/mm/dd		
Weekday		
Start date		Mon 1-12 Odd Even Each Day 1-7 8-14 15-21 22-28 29-31
Start weekday	☒ Each day ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐ Saturday ☐ Sunday	Each day Monday Tuesday Wednesday Thursday Friday Saturday Sunday
Calendar 2		
Function 1	☒ Inactive ☐ Date ☐ Date range ☐ Weekday	Inactive Date Date range Weekday
Date		
Start date Yy/mm/dd		
Start weekday	☒ Each day ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐ Saturday ☐ Sunday	Each day Monday Tuesday Wednesday Thursday Friday Saturday Sunday
Date range		
Start date Yy/mm/dd		
Stop date Yy/mm/dd		
Weekday		
Start date		Mon 1-12 Odd Even Each Day 1-7 8-14 15-21 22-28 29-31
Start weekday	☒ Each day ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐ Saturday ☐ Sunday	Each day Monday Tuesday Wednesday Thursday Friday Saturday Sunday

Function	Factory-preset value	Adjusted value
Function 2	☒ Inactive ☐ Date ☐ Date range ☐ Weekday	Inactive Date Date range Weekday
<i>Date</i>		
Start date Yy/mm/dd		
Start weekday	☒ Each day ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐ Saturday ☐ Sunday	Each day Monday Tuesday Wednesday Thursday Friday Saturday Sunday
<i>Date range</i>		
Start date Yy/mm/dd		
Stop date Yy/mm/dd		
<i>Weekday</i>		
Start date		Mon 1-12 Odd Even Each Day 1-7 8-14 15-21 22-28 29-31
Start weekday	☒ Each day ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐ Saturday ☐ Sunday	Each day Monday Tuesday Wednesday Thursday Friday Saturday Sunday
Function 3	☒ Inactive ☐ Date ☐ Date range ☐ Weekday	Inactive Date Date range Weekday
<i>Date</i>		
Start date Yy/mm/dd		
Start weekday	☒ Each day ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐ Saturday ☐ Sunday	Each day Monday Tuesday Wednesday Thursday Friday Saturday Sunday
<i>Date range</i>		
Start date Yy/mm/dd		
Stop date Yy/mm/dd		
<i>Weekday</i>		
Start date		Mon 1-12 Odd Even Each Day 1-7 8-14 15-21 22-28 29-31
Start weekday	☒ Each day ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐ Saturday ☐ Sunday	Each day Monday Tuesday Wednesday Thursday Friday Saturday Sunday

Function	Factory-preset value	Adjusted value
Function 4	☒ Inactive ☐ Date ☐ Date range ☐ Weekday	Inactive Date Date range Weekday
<i>Date</i>		
Start date Yy/mm/dd		
Start weekday	☒ Each day ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐ Saturday ☐ Sunday	Each day Monday Tuesday Wednesday Thursday Friday Saturday Sunday
<i>Date range</i>		
Start date Yy/mm/dd		
Stop date Yy/mm/dd		
<i>Weekday</i>		
Start date		Mon 1-12 Odd Even Each Day 1-7 8-14 15-21 22-28 29-31
Start weekday	☒ Each day ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐ Saturday ☐ Sunday	Each day Monday Tuesday Wednesday Thursday Friday Saturday Sunday
Function 5	☒ Inactive ☐ Date ☐ Date range ☐ Weekday	Inactive Date Date range Weekday
<i>Date</i>		
Start date Yy/mm/dd		
Start weekday	☒ Each day ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐ Saturday ☐ Sunday	Each day Monday Tuesday Wednesday Thursday Friday Saturday Sunday
<i>Date range</i>		
Start date Yy/mm/dd		
Stop date Yy/mm/dd		
<i>Weekday</i>		
Start date		Mon 1-12 Odd Even Each Day 1-7 8-14 15-21 22-28 29-31
Start weekday	☒ Each day ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐ Saturday ☐ Sunday	Each day Monday Tuesday Wednesday Thursday Friday Saturday Sunday

Function	Factory-preset value	Adjusted value
Function 6	☒ Inactive ☐ Date ☐ Date range ☐ Weekday	Inactive Date Date range Weekday
<i>Date</i>		
Start date Yy/mm/dd		
Start weekday	☒ Each day ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐ Saturday ☐ Sunday	Each day Monday Tuesday Wednesday Thursday Friday Saturday Sunday
<i>Date range</i>		
Start date Yy/mm/dd		
Stop date Yy/mm/dd		
<i>Weekday</i>		
Start date		Mon 1-12 Odd Even Each Day 1-7 8-14 15-21 22-28 29-31
Start weekday	☒ Each day ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐ Saturday ☐ Sunday	Each day Monday Tuesday Wednesday Thursday Friday Saturday Sunday
Function 7	☒ Inactive ☐ Date ☐ Date range ☐ Weekday	Inactive Date Date range Weekday
<i>Date</i>		
Start date Yy/mm/dd		
Start weekday	☒ Each day ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐ Saturday ☐ Sunday	Each day Monday Tuesday Wednesday Thursday Friday Saturday Sunday
<i>Date range</i>		
Start date Yy/mm/dd		
Stop date Yy/mm/dd		
<i>Weekday</i>		
Start date		Mon 1-12 Odd Even Each Day 1-7 8-14 15-21 22-28 29-31
Start weekday	☒ Each day ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐ Saturday ☐ Sunday	Each day Monday Tuesday Wednesday Thursday Friday Saturday Sunday

Function	Factory-preset value	Adjusted value
Function 8	☒ Inactive ☐ Date ☐ Date range ☐ Weekday	Inactive Date Date range Weekday
<i>Date</i>		
Start date Yy/mm/dd		
Start weekday	☒ Each day ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐ Saturday ☐ Sunday	Each day Monday Tuesday Wednesday Thursday Friday Saturday Sunday
<i>Date range</i>		
Start date Yy/mm/dd		
Stop date Yy/mm/dd		
<i>Weekday</i>		
Start date		Mon 1-12 Odd Even Each Day 1-7 8-14 15-21 22-28 29-31
Start weekday	☒ Each day ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐ Saturday ☐ Sunday	Each day Monday Tuesday Wednesday Thursday Friday Saturday Sunday
Function 9	☒ Inactive ☐ Date ☐ Date range ☐ Weekday	Inactive Date Date range Weekday
<i>Date</i>		
Start date Yy/mm/dd		
Start weekday	☒ Each day ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐ Saturday ☐ Sunday	Each day Monday Tuesday Wednesday Thursday Friday Saturday Sunday
<i>Date range</i>		
Start date Yy/mm/dd		
Stop date Yy/mm/dd		
<i>Weekday</i>		
Start date		Mon 1-12 Odd Even Each Day 1-7 8-14 15-21 22-28 29-31
Start weekday	☒ Each day ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐ Saturday ☐ Sunday	Each day Monday Tuesday Wednesday Thursday Friday Saturday Sunday

Function	Factory-preset value	Adjusted value
Function 10	☒ Inactive ☐ Date ☐ Date range ☐ Weekday	Inactive Date Date range Weekday
<i>Date</i>		
Start date Yy/mm/dd		
Start weekday	☒ Each day ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐ Saturday ☐ Sunday	Each day Monday Tuesday Wednesday Thursday Friday Saturday Sunday
<i>Date range</i>		
Start date Yy/mm/dd		
Stop date Yy/mm/dd		
<i>Weekday</i>		
Start date		Mon 1-12 Odd Even Each Day 1-7 8-14 15-21 22-28 29-31
Start weekday	☒ Each day ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐ Saturday ☐ Sunday	Each day Monday Tuesday Wednesday Thursday Friday Saturday Sunday
Prolonged operation		
Ext. low speedt hour:min.	00:00	
Ext. high speed hour:min.	00:00	



Function	Factory-preset value	Adjusted value
Filters		
Pre-filters	☒ Inactive ☐ Supply air ☐ Extract air ☐ Supply and extract air	Disabled Supply air Extract air Supply and extract air
Internal filter (GOLD SD)	☒ Disabled ☐ Supply air ☐ Extract air ☐ Supply and extract air	Disabled Supply air Extract air Supply and extract air
End filter	☐ On ☒ Off	On Off
<i>Alarm limits</i>		
Supply air pre-filter Pa	100	
Extract air pre-filter Pa	100	
Supply air internal filter Pa	100	
Extract air internal filter Pa	100	
Supply air end filter Pa	100	



Function	Factory-preset value	Adjusted value
Language		
Language	English	



Function	Factory-preset value	Adjusted value
Alarm priorities		
Fire alarms		
Internal fire alarm	☐ On ☒ Off	On Off
Supply air temperature, alarm limit °C	70	
Extract air temperature, alarm limit °C	45	
Internal fire alarm reset	☒ Manual ☐ Auto	Manual Auto
Internal fire alarm after cool	☐ Enabled ☒ Inactive	Enabled Disabled
External fire alarm 1 reset	☒ Manual ☐ Auto	Manual Auto
External fire alarm 1 after cool	☐ Enabled ☒ Inactive	Enabled Disabled
External fire alarm 2 reset	☒ Manual ☐ Auto	Manual Auto
External fire alarm 2 after cool	☐ Enabled ☒ Inactive	Enabled Disabled
Fan operation at internal fire alarm	☒ Disabled ☐ Supply air ☐ Extract air ☐ Supply and extract air	Disabled Supply air Extract air Supply and extract air
Supply air fan at internal fire alarm %	100	
Extract air fan at internal fire alarm %	100	
Fan operation at external fire alarm 1	☒ Disabled ☐ Supply air ☐ Extract air ☐ Supply and extract air	Disabled Supply air Extract air Supply and extract air
Supply air fan at external fire alarm 1 %	100	
Extract air fan at external fire alarm 1 %	100	
Fan operation at external fire alarm 2	☒ Disabled ☐ Supply air ☐ Extract air ☐ Supply and extract air	Disabled Supply air Extract air Supply and extract air
Supply air fan at external fire alarm 2 %	100	
Extract air fan at external fire alarm 2 %	100	
Order of priority:	☒ Ext. fire alarm 1 ☐ Ext. fire alarm 2 ☐ Int. fire alarm ☐ Automatic ☐ Fire alarm 1 or internal fire alarm ☐ Fire alarm 2 or internal fire alarm	Ext. fire alarm 1 Ext. fire alarm 2 Int. fire alarm Automatic Fire alarm 1 or internal fire alarm Fire alarm 2 or internal fire alarm
Fire bypass in flow diagram	☐ On ☒ Off	On Off
External alarms		
External alarm 1 reset	☐ Manual ☒ Auto	Manual Auto
External alarm 1 after cool	☐ Enabled ☒ Inactive	Enabled Disabled
External alarm 1 input	☒ Closed circuit ☐ Open circuit	Closed circuit Open circuit
External alarm 1 delay time s	10	
External alarm 2 reset	☐ Manual ☒ Auto	Manual Auto
External alarm 2 after cool	☐ Enabled ☒ Inactive	Enabled Disabled
External alarm 2 input	☒ Closed circuit ☐ Open circuit	Closed circuit Open circuit
External alarm 2 delay time s	10	
Temperature protection		
Temperature protection	☐ On ☒ Off	On Off
Alarm delay s	30	
Alarm limit °C	7	
Temperature alarm limits		
Pre-heat below set point K	5.0	
Supply air below set point K	5.0	
Supply air above set point K	7.0	
Extract air below alarm limit °C	12.0	
Outdoor temperature limit stop °C	5.0	
Service period		
Service period mon	12	
Alarm priority		
See alarm list		



Function	Factory-preset value	Adjusted value
Log		
Log file period	☒ On ☐ Off	On Off
Log sender active	☐ On ☒ Off	On Off
Live mode	☒ E-mail ☐ FTP ☐ E-mail and FTP	E-mail FTP E-mail and FTP



Function	Factory-preset value	Adjusted value
Air handling unit		
Type of air handling unit	Type of air handling unit supplied, except the GOLD SD extract air handling unit	GOLD RX GOLD PX GOLD CX GOLD SD Supply air GOLD SD Extract air GOLD SD Supply air+CX GOLD SD Supply air+Extract air GOLD SD Supply air+Extract air+CX
<i>GOLD RX/PX/CX</i>		
Name		
Fan position 1	☒ Extract air ☐ Supply air	Extract air Supply air
Flowchart, fan position supply air	☐ Upper level ☒ Bottom	Upper level Bottom
<i>GOLD SD</i>		
Name		
Flowchart, fan position	☐ Upper level ☒ Bottom	Upper level Bottom
<i>VOC/CO₂ sensor</i>		
VOC sensor, operating mode	☒ Inactive ☐ Monitoring only ☐ Monitoring and regulation	Inactive Monitoring only Monitoring and regulation
CO ₂ unit	☒ % ☐ ppm	% ppm
Flow chart, VOC sensor position	☒ Supply air ☐ Extract air	Supply air Extract air



Function	Factory-preset value		Adjusted value	
Heat				
Pre-heat				
Pre-heat	☐ On	☒ Off	On	Off
Pre-heat set point °C	5			
Outdoor air temperature related				
Difference, outdoor temp. K	5			
Preheat, min. limit °C	-10			
Periodic operation of pump	☒ On	☐ Off	On	Off
Periodic operation of valve	☒ On	☐ Off	On	Off
Periodic operation interval h	24			
Periodic operation time min	3			
Alarm input, function	☒ Inactive	☐ Al. on open cont.	Inactive	Al. on open cont.
	☐ Al. on closed cont.	☐ Contactor function	Al. on closed cont.	Contactor function
SMART Link+	☒ Disabled	☐ Circuit A	Disabled	Circuit A
	☐ Circuit B		Circuit B	
Extra regulation sequence				
Extra regulation sequence 1	☒ Inactive	☐ Heat	Disabled	Heat
	☐ Cool	☐ Heat and cool	Cool	Heat and cool
Inverted output 10 - 0 V	☐ On	☒ Off	On	Off
Recirculation control	☐ On	☒ Off	On	Off
Max. output signal %	100			
Periodic operation of pump	☒ On	☐ Off	On	Off
Periodic operation of valve	☒ On	☐ Off	On	Off
Periodic operation interval h	24			
Periodic operation time min	3			
Alarm input, function	☒ Inactive	☐ Al. on open cont.	Inactive	Al. on open cont.
	☐ Al. on closed cont.	☐ Contactor function	Al. on closed cont.	Contactor function
SMART Link+	☒ Disabled	☐ Circuit A	Disabled	Circuit A
	☐ Circuit B		Circuit B	
Extra regulation sequence 2	☒ Inactive	☐ Heat	Disabled	Heat
	☐ Cool	☐ Heat and cool	Cool	Heat and cool
Inverted output 10 - 0 V	☐ On	☒ Off	On	Off
Recirculation control	☐ On	☒ Off	On	Off
Max. output signal %	100			
Periodic operation of pump	☒ On	☐ Off	On	Off
Periodic operation of valve	☒ On	☐ Off	On	Off
Periodic operation interval h	24			
Periodic operation time min	3			
Alarm input, function	☒ Inactive	☐ Al. on open cont.	Inactive	Al. on open cont.
	☐ Al. on closed cont.	☐ Contactor function	Al. on closed cont.	Contactor function
SMART Link+	☒ Disabled	☐ Circuit A	Disabled	Circuit A
	☐ Circuit B		Circuit B	

Function	Factory-preset value		Adjusted value	
Extra regulation sequence, combi coils				
Extra regulation sequence 1, combi coils				
Combi coils, function	☐ On	☒ Off	On	Off
Temperature protection, function	☐ On	☒ Off	On	Off
Temperature protection, min. alarm delay	5			
External signal, function	☒ Inactive ☐ BMS	☐ Digital input ☐ SMART Link+	Inactive BMS	Digital input SMART Link+
External signal, indication	☒ Heating	☐ Cooling	Heating	Cooling
Digital output, function	☐ On	☒ Off	On	Off
Digital output, indication	☒ Heating	☐ Cooling	Heating	Cooling
Extra regulation sequence 2, combi coils				
Combi coils, function	☐ On	☒ Off	On	Off
Temperature protection, function	☐ On	☒ Off	On	Off
Temperature protection, min. alarm delay	5			
External signal, function	☒ Inactive ☐ BMS	☐ Digital input ☐ SMART Link+	Inactive BMS	Digital input SMART Link+
External signal, indication	☒ Heating	☐ Cooling	Heating	Cooling
Digital output, function	☐ On	☒ Off	On	Off
Digital output, indication	☒ Heating	☐ Cooling	Heating	Cooling
Re-heat				
Air heater for hot water			Active	
Periodic operation of pump	☒ On	☐ Off	On	Off
Periodic operation of valve	☒ On	☐ Off	On	Off
Periodic operation interval h	24			
Periodic operation time min	3			
Alarm input, function	☒ Inactive ☐ Al. on closed cont.	☐ Al. on open cont. ☐ Contactor function	Inactive Al. on closed cont.	Al. on open cont. Contactor function
SMART Link+	☒ Disabled ☐ Circuit B	☐ Circuit A	Disabled Circuit B	Circuit A
Xzone				
Xzone	☐ On	☒ Off	On	Off
Air heater for hot water			Active	
Periodic operation of pump	☒ On	☐ Off	On	Off
Periodic operation of valve	☒ On	☐ Off	On	Off
Periodic operation interval h	24			
Periodic operation time min	3			
Alarm input	☒ Inactive ☐ Al. on closed cont.	☐ Al. on open cont. ☐ Contactor function	Inactive Al. on closed cont.	Al. on open cont. Contactor function
SMART Link+	☒ Disabled ☐ Circuit B	☐ Circuit A	Disabled Circuit B	Circuit A
Electrical heaters			Active	
After cool min	3			
Season Heat				
Season Heat	☒ Disabled ☐ Extra regul. 1 seq. closed cont.	☐ Extra regul.1 seq.closed cont. ☐ Extra regul.sequence 1 manual	Disabled Extra regul.1 seq.closed cont.	Extra regul. 1 seq. closed cont. Extra regul. 1 sequence manual
Extra regulation sequence	☐ On	☒ Off	On	Off



Function	Factory-preset value	Adjusted value
Cool		
Extra regulation sequence		
Extra regulation sequence 1	☒ Inactive ☐ Heat ☐ Cool ☐ Heat and cool	Disabled Heat Cool Heat and cool
Inverted output signal	☐ On ☒ Off	On Off
Recirculation control	☐ On ☒ Off	On Off
Max output signal %	100	
Periodic operation of pump	☒ On ☐ Off	On Off
Periodic operation of valve	☒ On ☐ Off	On Off
Periodic operation interval h	24	
Periodic operation time min	3	
Alarm input, function	☒ Inactive ☐ Al. on open cont. ☐ Al. on closed cont. ☐ Contactor function	Inactive Al. on open cont. Alarm on closed cont. Contactor function
SMART Link+	☒ Disabled ☐ Circuit A ☐ Circuit B	Disabled Circuit A Circuit B
Extra regulation sequence 2	☒ Inactive ☐ Heat ☐ Cool ☐ Heat and cool	Disabled Heat Cool Heat and cool
Inverted output signal	☐ On ☒ Off	On Off
Recirculation control	☐ On ☒ Off	On Off
Max output signal %	100	
Periodic operation of pump	☒ On ☐ Off	On Off
Periodic operation of valve	☒ On ☐ Off	On Off
Periodic operation interval h	24	
Periodic operation time min	3	
Alarm input, function	☒ Inactive ☐ Al. on open cont. ☐ Al. on closed cont. ☐ Contactor function	Inactive Al. on open cont. Al. on closed cont. Contactor function
SMART Link+	☒ Disabled ☐ Circuit A ☐ Circuit B	Disabled Circuit A Circuit B
Extra regulation sequence, combi coils		
Extra regulation sequence 1, combi coils		
Combi coils, function	☐ On ☒ Off	On Off
Temperature protection, function	☐ On ☒ Off	On Off
Temperature protection, min. alarm delay	5	
External signal, function	☒ Inactive ☐ Digital input ☐ BMS ☐ SMART Link+	Inactive Digital input BMS SMART Link+
External signal, indication	☒ Heating ☐ Cooling	Heating Cooling
Digital output, function	☐ On ☒ Off	On Off
Digital output, indication	☒ Heating ☐ Cooling	Heating Cooling
Extra regulation sequence 2, combi coils		
Combi coils, function	☐ On ☒ Off	On Off
Temperature protection, function	☐ On ☒ Off	On Off
Temperature protection, min. alarm delay	5	
External signal, function	☒ Inactive ☐ Digital input ☐ BMS ☐ SMART Link+	Inactive Digital input BMS SMART Link+
External signal, indication	☒ Heating ☐ Cooling	Heating Cooling
Digital output, function	☐ On ☒ Off	On Off
Digital output, indication	☒ Heating ☐ Cooling	Heating Cooling
Cool		
DX air cooler		
Cool	☒ Disabled ☐ 1-step ☐ 2-step ☐ 3-step, binary	Disabled 1-step 2-step 3-step, binary
Air cooler for water		
Periodic operation pump 1	☒ On ☐ Off	On Off
Periodic operation pump 2	☒ On ☐ Off	On Off

Function	Factory-preset value	Adjusted value
Periodic operation of valve	☒ On ☐ Off	On Off
Periodic operation interval h	24	
Periodic operation time min	3	
Alarm input 1	☒ Inactive ☐ Al. on open cont. ☐ Al. on closed cont. ☐ Contactor function	Inactive Al. on open cont. Al. on closed cont. Contactor function
Alarm input 2	☒ Inactive ☐ Al. on open cont. ☐ Al. on closed cont. ☐ Contactor function	Inactive Al. on open cont. Al. on closed cont. Contactor function
SMART Link+	☒ Disabled ☐ Circuit A ☐ Circuit B	Disabled Circuit A Circuit B
Xzone		
<i>DX air cooler</i>		
Cool	☒ Disabled ☐ 1-step ☐ 2-step ☐ 3-step, binary	Disabled 1-step 2-step 3-step, binary
<i>Air cooler for water</i>		
Periodic operation pump 1	☒ On ☐ Off	On Off
Periodic operation pump 2	☒ On ☐ Off	On Off
Periodic operation of valve	☒ On ☐ Off	On Off
Periodic operation interval h	24	
Periodic operation time min	3	
Alarm input 1	☒ Inactive ☐ Al. on open cont. ☐ Al. on closed cont. ☐ Contactor function	Inactive Al. on open cont. Al. on closed cont. Contactor function
Alarm input 2	☒ Inactive ☐ Al. on open cont. ☐ Al. on closed cont. ☐ Contactor function	Inactive Al. on open cont. Al. on closed cont. Contactor function
SMART Link+	☒ Disabled ☐ Circuit A ☐ Circuit B	Disabled Circuit A Circuit B
COOL DX		
COOL DX	☒ Disabled ☐ Economy ☐ Comfort ☐ COOL DX Top	Disabled Economy Com- fort COOL DX Top
Delay time		
Stop, drying delay	☐ On ☒ Off	On Off
Stop, drying delay time min.	3	
Restart time min	5	
Step switch time min	5	
Stop/start time min	5	
Outdoor air limits		
Step 1 °C	15	
Step 2 °C	18	
Step 3 °C	20	
Air flow limits		
<i>Cooling, 0-10 V</i>		
Supply air 0-10 V	25% of max. airflow for air handling unit	
Extract air 0-10 V	25% of max. airflow for air handling unit	
<i>Cooling, On/Off</i>		
Supply air, On/Off, step 1	25% of max. airflow for air handling unit	
Extract air, On/Off, step 1	25% of max. airflow for air handling unit	
Supply air, On/Off, step 2	25% of max. airflow for air handling unit	
Extract air, On/Off, step 2	25% of max. airflow for air handling unit	
Supply air, On/Off, step 3	25% of max. airflow for air handling unit	
Extract air, On/Off, step 3	25% of max. airflow for air handling unit	



Function	Factory-preset value		Adjusted value	
Heat/Cooling energy recovery				
Carry over control				
Carry over control	☐ On	☒ Off	On	Off
Air Quality Control				
Air Quality Control	☐ On	☒ Off	On	Off
Commissioning mode	☐ On	☒ Off	On	Off
Set point Pa	10			
Efficiency measurement				
Efficiency measurement	☐ On	☒ Off	On	Off
Defrost				
Defrost	☐ On	☒ Off	On	Off
Defrost, limit value Pa	50			
Calibration	☐ On	☒ Off	On	Off
Calibration/Optimization (PX)				
Calibration	☐ On	☒ Off	On	Off
Bypass optimization	☐ On	☒ Off	On	Off



Function	Factory-preset value	Adjusted value
HC		
Function		
Position HC	☐ On ☒ Off	On Off
HC defrosting accessories	☒ Inactive ☐ Air recirc. ☐ El. air heater	Inactive Air recirc. El. air heater
Heating function	☒ Default ☐ Comfort	Default Comfort
Cooling function	☒ Default ☐ Comfort	Default Comfort
Outdoor temperature limits		
Heating °C	-25	
Cool °C	15	
Air flow limits		
Supply air	40% of max. air flow for air handling unit	
Extract air	40% of max. air flow for air handling unit	



Function	Factory-preset value	Adjusted value
SMART Link		
Version	☒ SMART Link ☐ SMART Link+	SMART Link SMART Link+
Type of unit	☒ Disabled ☐ Water, heat pump ☐ Water, chiller ☐ Water, reversible ☐ DX, heat pump ☐ DX, chiller ☐ DX, reversible	Disabled Water, heat pump Water, chiller Water, reversible DX, heat pump DX, chiller DX, reversible
Water		
Heated water (set point) °C	40	
Heated water diff K	3	
Chilled water (set point) °C	12	
Chilled water diff K	2	
Outdoor air limit °C (not applicable to the chiller)	-20	
Optimize, heating	☐ On ☒ Off	On Off
Optimize, cooling	☐ On ☒ Off	On Off
Cooling optim, regulation speed K/min	0.3	
Heating optim. regulation speed K/min	0.3	
Valve limit, lower %	75	
Valve limit, upper %	95	
Delay s	60	
AQUA Link	☐ On ☒ Off	On Off
Pump alarm	☒ Disabled ☐ Al. on closed cont. ☐ Al. on open cont. ☐ Contactor function	Disabled Al. on closed cont. Al. on open cont. Contactor function
DX (Celest+)		
Amount of units	1	
Comfort mode heat, durat. min.	30	
Comfort mode cool., durat. min.	30	
Outdoor air limit °C (not applicable to the chiller)	-20	
Defrost delay s	180	
Stabilization time s	240	
Supply air flow limit	50% of the air handling unit's max. flow	



Function	Factory-preset value		Adjusted value	
Air humidity				
Humidifying				
Humidifying	☒ Disabled ☐ 0 - 10 V	☐ On/Off	Disabled 0 - 10 V	On/Off
Location, regulating humidity sensor	☒ Supply air ☐ Room	☐ Extract air	Supply air Room	Extract air
<i>Evaporative</i>				
Start limit %RH	40			
Stop limit %RH	45			
Time channel start limit %RH	50			
Time channel stop limit %RH	55			
<i>Steam</i>				
Set point %RH	30			
Time channel set point %RH	40			
Max. supply air %RH	80			
<i>Week timer</i>				
Time channel 1 period	☒ Disabled ☐ Tuesday ☐ Thursday ☐ Saturday ☐ Mon.-Fri ☐ Sat.-Sun	☐ Monday ☐ Wednesday ☐ Friday ☐ Sunday ☐ Mon.-Sun	Disabled Tuesday Thursday Saturday Mon.-Fri Sat.-Sun	Monday Wednesday Friday Sunday Mon.-Sun
Time channel 1 start time hh:mm.	00:00			
Time channel 1 stop time hh:mm.	00:00			
Time channel 2 period	☒ Disabled ☐ Tuesday ☐ Thursday ☐ Saturday ☐ Mon.-Fri ☐ Sat.-Sun	☐ Monday ☐ Wednesday ☐ Friday ☐ Sunday ☐ Mon.-Sun	Disabled Tuesday Thursday Saturday Mon.-Fri Sat.-Sun	Monday Wednesday Friday Sunday Mon.-Sun
Time channel 2 start time hh:mm.	00:00			
Time channel 2 stop time hh:mm.	00:00			
Time channel 3 period	☒ Disabled ☐ Tuesday ☐ Thursday ☐ Saturday ☐ Mon.-Fri ☐ Sat.-Sun	☐ Monday ☐ Wednesday ☐ Friday ☐ Sunday ☐ Mon.-Sun	Disabled Tuesday Thursday Saturday Mon.-Fri Sat.-Sun	Monday Wednesday Friday Sunday Mon.-Sun
Time channel 3 start time hh:mm.	00:00			
Time channel 3 stop time hh:mm.	00:00			
Time channel 4 period	☒ Disabled ☐ Tuesday ☐ Thursday ☐ Saturday ☐ Mon.-Fri ☐ Sat.-Sun	☐ Monday ☐ Wednesday ☐ Friday ☐ Sunday ☐ Mon.-Sun	Disabled Tuesday Thursday Saturday Mon.-Fri Sat.-Sun	Monday Wednesday Friday Sunday Mon.-Sun
Time channel 4 start time hh:mm.	00:00			
Time channel 4 stop time hh:mm.	00:00			

Function	Factory-preset value	Adjusted value
Dehumidification		
Dehumidification	☒ Inactive ☐ Supply air	Inactive Supply air
	☐ Extract air	Extract air
Supply air, relative humidity %RH	50	
Extract air, relative humidity %RH	50	
Humidifier alarm		
Alarm input	☒ Disabled ☐ Closed circuit ☐ Open circuit ☐ Contactor function	Disabled Closed circuit Open circuit Contactor function



Function	Factory-preset value	Adjusted value
ReCO₂		
CO ₂ /VOC, operating mode	☒ Inactive ☐ CO ₂ /VOC ☐ CO ₂ /VOC and air flow boost	Inactive CO ₂ /VOC CO ₂ /VOC and air flow boost
CO ₂ /VOC free cooling	☐ On ☒ Off	On Off
Temperature mode	☒ Inactive ☐ Heat sequence ☐ Cool sequence ☐ Heat and cool sequence	Disabled Heat sequence Cool sequence Heat and cool sequence
Temperature free cooling	☒ On ☐ Off	On Off
CO₂/VOC		
Set point %	50	
CO ₂ , set point ppm	1000	
VOC, set point ppm	1500	
Min. outdoor air	25% of max. airflow for air handling unit	
Min. exhaust air	25% of max. airflow for air handling unit	
Calibration	☐ On ☒ Off	On Off
Temperature		
Min. outdoor air	25% of max. airflow for air handling unit	
Min. exhaust air	25% of max. airflow for air handling unit	
Calibration	☐ On ☒ Off	On Off



Function	Factory-preset value		Adjusted value	
All Year Comfort				
Function	☒ Disabled ☐ Heated water	☐ Chilled water ☐ Chilled and heated water	Disabled Heated water	Chilled water Chilled and heated water
SMART Link+ cooling	☒ Disabled ☐ Circuit B	☐ Circuit A	Disabled Circuit B	Circuit A
SMART Link+ heating	☒ Disabled ☐ Circuit B	☐ Circuit A	Disabled Circuit B	Circuit A
Chilled water				
Chilled water °C	14			
Outdoor temp. compensation	☐ On	☒ Off	On	Off
Outdoor temp X1 °C	10			
Outdoor temp X2 °C	20			
Outdoor temp X3 °C	25			
Outdoor temp X4 °C	30			
Chilled water temp Y1 °C	22			
Chilled water temp Y2 °C	18			
Chilled water temp Y3 °C	14			
Chilled water temp Y4 °C	12			
Outdoor temp. for pump start °C	10			
Outdoor temp. for pump stop °C	7			
Room temp. compensation	☐ On	☒ Off	On	Off
Room temp. set point °C	21			
Room temp. P-band K	5			
Room comp. night block	☐ On	☒ Off	On	Off
Night compensation	☐ On	☒ Off	On	Off
Reduction, night K	2			
Time channel 1 start of night hour:min.	00:00			
Time channel 1 end of night hour:min.	00:00			
Time channel 1 period	☒ Inactive ☐ Tuesday ☐ Thursday ☐ Saturday ☐ Mon.-Fri. ☐ Sat.-Sun.	☐ Monday ☐ Wednesday ☐ Friday ☐ Sunday ☐ Mon.-Sun.	Disabled Tuesday Thursday Saturday Mon.-Fri. Sat.-Sun.	Monday Wednesday Friday Sunday Mon.-Sun.
Dew point compensation	☐ On	☒ Off	On	Off
Air flow compensation	☐ On	☒ Off	On	Off
Periodic operation of pump	☒ On	☐ Off	On	Off
Periodic operation of valve	☐ On	☒ Off	On	Off
Periodic operation interval h	24			
Periodic operation time min	3			
Pump alarm	☒ Inactive ☐ Alarm on open contact ☐ Contactor function	☐ Al. on closed cont.	Inactive Alarm on open contact Contactor function	Al. on closed cont.
Valve alarm	☐ On	☒ Off	On	Off

Function	Factory-preset value	Adjusted value
Heated water		
Heated water °C	30	
Outdoor temp. compensation	☐ On ☒ Off	On Off
Outdoor temp X1 °C	-20	
Outdoor temp X2 °C	0	
Outdoor temp X3 °C	5	
Outdoor temp X4 °C	15	
Heated water temp Y1 °C	40	
Heated water temp Y2 °C	30	
Heated water temp Y3 °C	20	
Heated water temp Y4 °C	15	
Outdoor temp. for pump start °C	15	
Outdoor temp. for pump stop °C	18	
Room temp. compensation	☐ On ☒ Off	On Off
Room temp. set point °C	21	
Room temp. P-band K	5	
Room comp. night block	☐ On ☒ Off	On Off
Night compensation	☐ On ☒ Off	On Off
Reduction, night K	-2	
Time channel 2 start of night hour:min.	00:00	
Time channel 2 end of night hour:min.	00:00	
Time channel 2 period	☒ Inactive ☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐ Saturday ☐ Sunday ☐ Mon.-Fri. ☐ Mon.-Sun. ☐ Sat.-Sun.	Disabled Monday Tuesday Wednesday Thursday Friday Saturday Sunday Mon.-Fri. Mon.-Sun. Sat.-Sun.
Air flow compensation	☐ On ☒ Off	On Off
Periodic operation of pump	☒ On ☐ Off	On Off
Periodic operation of valve	☐ On ☒ Off	On Off
Periodic operation interval h	24	
Periodic operation time min	3	
Pump alarm	☒ Inactive ☐ Al. on closed cont. ☐ Alarm on open contact ☐ Contactor function	Inactive Al. on closed cont. Alarm on open contact Contactor function
Valve alarm	☐ On ☒ Off	On Off



Function	Factory-preset value	Adjusted value
MIRU Control	See the commissioning report for MIRU Control	



Function	Factory-preset value		Adjusted value		
MIRU					
Function (number of fans)	☒ 0 ☐ 2	☐ 1 ☐ 3	0 2	1 3	
<i>Fan 1, operating level</i>					
Fan 1 low speed Pa	100				
Fan 1 low speed m³/s	30% of max. air flow				
Fan 1 high speed Pa	200				
Fan 1 high speed m³/s	70% of max. air flow				
Fan 1 max. speed %	100				
Fan 1 outdoor comp. function °C	☒ Inactive ☐ High Speed	☐ Low speed ☐ Low and high speed	Inactive High Speed	Low speed Low and high speed	
X1, outdoor temp. °C	-20				
X2, outdoor temp. °C	-10				
X3, outdoor temp. °C	10				
X4, outdoor temp. °C	20				
<i>Flow</i>					
Y1, air flow set point m³/s	25% of max. air flow				
Y2, air flow set point m³/s	25% of max. air flow				
Y3, air flow set point m³/s	25% of max. air flow				
Y4, air flow set point m³/s	25% of max. air flow				
<i>Pressure</i>					
Y1, pressure set point Pa	100				
Y2, pressure set point Pa	100				
Y3, pressure set point Pa	100				
Y4, pressure set point Pa	100				
<i>Fan 1, function</i>					
Fan 1, parallel operation function	☒ Inactive ☐ Parallel low speed/high speed ☐ Parallel start and low speed/high speed		Inactive Parallel low speed/high speed Parallel start and low speed/high speed	Parallel start Low speed/high speed	
Fan 1, balance function	☒ Air flow ☐ Duct pressure and air flow measurement		Air flow Duct pressure and air flow measurement	Duct pressure	
Fan 1, control function	☒ Inactive ☐ Extract air		Inactive Extract air	Supply air	
Fan 1, size	☒ MIRU-3-25-28-1-1 ☐ MIRU-3-35-35-1-1 ☐ MIRU-3-35-45-1-1 ☐ MIRU-3-45-56-1-1 ☐ MIRU-3-56-63-1-1 ☐ MIRU-3-71-80-1-2 ☐ MIRU-3-71-90-1-2		☐ MIRU-3-25-31-1-1 ☐ MIRU-3-35-40-1-1 ☐ MIRU-3-45-50-1-1 ☐ MIRU-3-45-56-2-1 ☐ MIRU-3-56-71-1-2 ☐ MIRU-3-71-80-2-2	MIRU-3-25-28-1-1 MIRU-3-35-35-1-1 MIRU-3-35-45-1-1 MIRU-3-45-56-1-1 MIRU-3-56-63-1-1 MIRU-3-71-80-1-2 MIRU-3-71-90-1-2	MIRU-3-25-31-1-1 MIRU-3-35-40-1-1 MIRU-3-45-50-1-1 MIRU-3-45-56-2-1 MIRU-3-56-71-1-2 MIRU-3-71-80-2-2
<i>Fan 1 schedule settings</i>					
Fan 1, duct 1 action	☒ Inactive ☐ Low sp. Tuesday ☐ Low sp. Thursday ☐ Low sp. Saturday ☐ Low sp. Mon..Fri ☐ Low sp. Mon..Sun ☐ High sp. Tuesday ☐ High sp. Thursday ☐ High sp. Saturday ☐ High sp. Mon..Fri ☐ High sp. Mon..Sun		☐ Low speed Monday ☐ Low sp. Wednesday ☐ Low sp. Friday ☐ Low sp. Sunday ☐ Low sp. Sat..Sun ☐ High sp. Monday ☐ High sp. Wednesday ☐ High sp. Friday ☐ High sp. Sunday ☐ High sp. Sat..Sun	Inactive Low sp. Tuesday Low sp. Thursday Low sp. Saturday Low sp. Mon..Fri Low sp. Mon..Sun High sp. Tuesday High sp. Thursday High sp. Saturday High sp. Mon..Fri High sp. Mon..Sun	Low speed Monday Low sp. Wednesday Low sp. Friday Low sp. Sunday Low sp. Sat..Sun High sp. Monday High sp. Wednesday High sp. Friday High sp. Sunday High sp. Sat..Sun
Fan 1, duct 1 start time	00:00				
Fan 1, duct 1 stop time	00:00				

Function	Factory-preset value	Adjusted value
Fan 1, duct 2 action	☒ Inactive ☐ Low speed Monday ☐ Low sp. Tuesday ☐ Low sp. Wednesday ☐ Low sp. Thursday ☐ Low sp. Friday ☐ Low sp. Saturday ☐ Low sp. Sunday ☐ Low sp. Mon..Fri ☐ Low sp. Sat..Sun ☐ Low sp. Mon..Sun ☐ High sp. Monday ☐ High sp. Tuesday ☐ High sp. Wednesday ☐ High sp. Thursday ☐ High sp. Friday ☐ High sp. Saturday ☐ High sp. Sunday ☐ High sp. Mon..Fri ☐ High sp. Sat..Sun ☐ High sp. Mon..Sun	Inactive Low speed Monday Low sp. Tuesday Low sp. Wednesday Low sp. Thursday Low sp. Friday Low sp. Saturday Low sp. Sunday Low sp. Mon..Fri Low sp. Sat..Sun Low sp. Mon..Sun High sp. Monday High sp. Tuesday High sp. Wednesday High sp. Thursday High sp. Friday High sp. Saturday High sp. Sunday High sp. Mon..Fri High sp. Sat..Sun High sp. Mon..Sun
Fan 1, duct 2 start time	00:00	
Fan 1, duct 2 stop time	00:00	
Fan 1, duct 3 action	☒ Inactive ☐ Low speed Monday ☐ Low sp. Tuesday ☐ Low sp. Wednesday ☐ Low sp. Thursday ☐ Low sp. Friday ☐ Low sp. Saturday ☐ Low sp. Sunday ☐ Low sp. Mon..Fri ☐ Low sp. Sat..Sun ☐ Low sp. Mon..Sun ☐ High sp. Monday ☐ High sp. Tuesday ☐ High sp. Wednesday ☐ High sp. Thursday ☐ High sp. Friday ☐ High sp. Saturday ☐ High sp. Sunday ☐ High sp. Mon..Fri ☐ High sp. Sat..Sun ☐ High sp. Mon..Sun	Inactive Low speed Monday Low sp. Tuesday Low sp. Wednesday Low sp. Thursday Low sp. Friday Low sp. Saturday Low sp. Sunday Low sp. Mon..Fri Low sp. Sat..Sun Low sp. Mon..Sun High sp. Monday High sp. Tuesday High sp. Wednesday High sp. Thursday High sp. Friday High sp. Saturday High sp. Sunday High sp. Mon..Fri High sp. Sat..Sun High sp. Mon..Sun
Fan 1, duct 3 start time	00:00	
Fan 1, duct 3 stop time	00:00	
Fan 1, duct 4 action	☒ Inactive ☐ Low speed Monday ☐ Low sp. Tuesday ☐ Low sp. Wednesday ☐ Low sp. Thursday ☐ Low sp. Friday ☐ Low sp. Saturday ☐ Low sp. Sunday ☐ Low sp. Mon..Fri ☐ Low sp. Sat..Sun ☐ Low sp. Mon..Sun ☐ High sp. Monday ☐ High sp. Tuesday ☐ High sp. Wednesday ☐ High sp. Thursday ☐ High sp. Friday ☐ High sp. Saturday ☐ High sp. Sunday ☐ High sp. Mon..Fri ☐ High sp. Sat..Sun ☐ High sp. Mon..Sun	Inactive Low speed Monday Low sp. Tuesday Low sp. Wednesday Low sp. Thursday Low sp. Friday Low sp. Saturday Low sp. Sunday Low sp. Mon..Fri Low sp. Sat..Sun Low sp. Mon..Sun High sp. Monday High sp. Tuesday High sp. Wednesday High sp. Thursday High sp. Friday High sp. Saturday High sp. Sunday High sp. Mon..Fri High sp. Sat..Sun High sp. Mon..Sun
Fan 1, duct 4 start time	00:00	
Fan 1, duct 4 stop time	00:00	

Function	Factory-preset value		Adjusted value	
MIRU				
Function (number of fans)	☒ 0 ☐ 2	☐ 1 ☐ 3	0 2	1 3
<i>Fan 2, operating level</i>				
Fan 2 low speed Pa	100			
Fan 2 low speed m³/s	30% of max. air flow			
Fan 2 high speed Pa	200			
Fan 2 high speed m³/s	70% of max. air flow			
Fan 2 max. speed %	100			
Fan 2 outdoor comp. function °C	☒ Inactive ☐ High Speed	☐ Low speed ☐ Low and high speed	Inactive High Speed	Low speed Low and high speed
X1, outdoor temp. °C	-20			
X2, outdoor temp. °C	-10			
X3, outdoor temp. °C	10			
X4, outdoor temp. °C	20			
<i>Flow</i>				
Y1, air flow set point m³/s	25% of max. air flow			
Y2, air flow set point m³/s	25% of max. air flow			
Y3, air flow set point m³/s	25% of max. air flow			
Y4, air flow set point m³/s	25% of max. air flow			
<i>Pressure</i>				
Y1, pressure set point Pa	100			
Y2, pressure set point Pa	100			
Y3, pressure set point Pa	100			
Y4, pressure set point Pa	100			
<i>Fan 2, function</i>				
Fan 2, parallel operation function	☒ Inactive ☐ Parallel low speed/high speed ☐ Parallel start and low speed/high speed		Inactive Parallel low speed/high speed Parallel start and low speed/high speed	Parallel start
Fan 2, balance function	☒ Air flow ☐ Duct pressure and air flow measurement		Air flow Duct pressure and air flow measurement	Duct pressure
Fan 2, control function	☒ Inactive ☐ Extract air		Inactive Extract air	Supply air
Fan 2, size	☒ MIRU-3-25-28-1-1 ☐ MIRU-3-35-35-1-1 ☐ MIRU-3-35-45-1-1 ☐ MIRU-3-45-56-1-1 ☐ MIRU-3-56-63-1-1 ☐ MIRU-3-71-80-1-2 ☐ MIRU-3-71-90-1-2		MIRU-3-25-28-1-1 MIRU-3-35-35-1-1 MIRU-3-35-45-1-1 MIRU-3-45-56-1-1 MIRU-3-56-63-1-1 MIRU-3-71-80-1-2 MIRU-3-71-90-1-2	MIRU-3-25-31-1-1 MIRU-3-35-40-1-1 MIRU-3-45-50-1-1 MIRU-3-45-56-2-1 MIRU-3-56-71-1-2 MIRU-3-71-80-2-2
<i>Fan 2 schedule settings</i>				
Fan 2, duct 1 action	☒ Inactive ☐ Low sp. Tuesday ☐ Low sp. Thursday ☐ Low sp. Saturday ☐ Low sp. Mon..Fri ☐ Low sp. Mon..Sun ☐ High sp. Tuesday ☐ High sp. Thursday ☐ High sp. Saturday ☐ High sp. Mon..Fri ☐ High sp. Mon..Sun		☐ Low speed Monday ☐ Low sp. Wednesday ☐ Low sp. Friday ☐ Low sp. Sunday ☐ Low sp. Sat..Sun ☐ High sp. Monday ☐ High sp. Wednesday ☐ High sp. Friday ☐ High sp. Sunday ☐ High sp. Sat..Sun	Inactive Low sp. Tuesday Low sp. Thursday Low sp. Saturday Low sp. Mon..Fri Low sp. Mon..Sun High sp. Monday High sp. Wednesday High sp. Friday High sp. Sunday High sp. Sat..Sun
Fan 2, duct 1 start time	00:00			
Fan 2, duct 1 stop time	00:00			

Function	Factory-preset value	Adjusted value
Fan 2, duct 2 action	☒ Inactive ☐ Low speed Monday ☐ Low sp. Tuesday ☐ Low sp. Wednesday ☐ Low sp. Thursday ☐ Low sp. Friday ☐ Low sp. Saturday ☐ Low sp. Sunday ☐ Low sp. Mon..Fri ☐ Low sp. Sat..Sun ☐ Low sp. Mon..Sun ☐ High sp. Monday ☐ High sp. Tuesday ☐ High sp. Wednesday ☐ High sp. Thursday ☐ High sp. Friday ☐ High sp. Saturday ☐ High sp. Sunday ☐ High sp. Mon..Fri ☐ High sp. Sat..Sun ☐ High sp. Mon..Sun	Inactive Low speed Monday Low sp. Tuesday Low sp. Wednesday Low sp. Thursday Low sp. Friday Low sp. Saturday Low sp. Sunday Low sp. Mon..Fri Low sp. Sat..Sun Low sp. Mon..Sun High sp. Monday High sp. Tuesday High sp. Wednesday High sp. Thursday High sp. Friday High sp. Saturday High sp. Sunday High sp. Mon..Fri High sp. Sat..Sun High sp. Mon..Sun
Fan 2, duct 2 start time	00:00	
Fan 2, duct 2 stop time	00:00	
Fan 2, duct 3 action	☒ Inactive ☐ Low speed Monday ☐ Low sp. Tuesday ☐ Low sp. Wednesday ☐ Low sp. Thursday ☐ Low sp. Friday ☐ Low sp. Saturday ☐ Low sp. Sunday ☐ Low sp. Mon..Fri ☐ Low sp. Sat..Sun ☐ Low sp. Mon..Sun ☐ High sp. Monday ☐ High sp. Tuesday ☐ High sp. Wednesday ☐ High sp. Thursday ☐ High sp. Friday ☐ High sp. Saturday ☐ High sp. Sunday ☐ High sp. Mon..Fri ☐ High sp. Sat..Sun ☐ High sp. Mon..Sun	Inactive Low speed Monday Low sp. Tuesday Low sp. Wednesday Low sp. Thursday Low sp. Friday Low sp. Saturday Low sp. Sunday Low sp. Mon..Fri Low sp. Sat..Sun Low sp. Mon..Sun High sp. Monday High sp. Tuesday High sp. Wednesday High sp. Thursday High sp. Friday High sp. Saturday High sp. Sunday High sp. Mon..Fri High sp. Sat..Sun High sp. Mon..Sun
Fan 2, duct 3 start time	00:00	
Fan 2, duct 3 stop time	00:00	
Fan 2, duct 4 action	☒ Inactive ☐ Low speed Monday ☐ Low sp. Tuesday ☐ Low sp. Wednesday ☐ Low sp. Thursday ☐ Low sp. Friday ☐ Low sp. Saturday ☐ Low sp. Sunday ☐ Low sp. Mon..Fri ☐ Low sp. Sat..Sun ☐ Low sp. Mon..Sun ☐ High sp. Monday ☐ High sp. Tuesday ☐ High sp. Wednesday ☐ High sp. Thursday ☐ High sp. Friday ☐ High sp. Saturday ☐ High sp. Sunday ☐ High sp. Mon..Fri ☐ High sp. Sat..Sun ☐ High sp. Mon..Sun	Inactive Low speed Monday Low sp. Tuesday Low sp. Wednesday Low sp. Thursday Low sp. Friday Low sp. Saturday Low sp. Sunday Low sp. Mon..Fri Low sp. Sat..Sun Low sp. Mon..Sun High sp. Monday High sp. Tuesday High sp. Wednesday High sp. Thursday High sp. Friday High sp. Saturday High sp. Sunday High sp. Mon..Fri High sp. Sat..Sun High sp. Mon..Sun
Fan 2, duct 4 start time	00:00	
Fan 2, duct 4 stop time	00:00	

Function	Factory-preset value		Adjusted value	
MIRU				
Function (number of fans)	☒ 0 ☐ 2	☐ 1 ☐ 3	0 2	1 3
<i>Fan 3, operating level</i>				
Fan 3 low speed Pa	100			
Fan 3 low speed m³/s	30% of max. air flow			
Fan 3 high speed Pa	200			
Fan 3 high speed m³/s	70% of max. air flow			
Fan 3 max. speed %	100			
Fan 3 outdoor comp. function °C	☒ Inactive ☐ High Speed	☐ Low speed ☐ Low and high speed	Inactive High Speed	Low speed Low and high speed
X1, outdoor temp. °C	-20			
X2, outdoor temp. °C	-10			
X3, outdoor temp. °C	10			
X4, outdoor temp. °C	20			
<i>Flow</i>				
Y1, air flow set point m³/s	25% of max. air flow			
Y2, air flow set point m³/s	25% of max. air flow			
Y3, air flow set point m³/s	25% of max. air flow			
Y4, air flow set point m³/s	25% of max. air flow			
<i>Pressure</i>				
Y1, pressure set point Pa	100			
Y2, pressure set point Pa	100			
Y3, pressure set point Pa	100			
Y4, pressure set point Pa	100			
<i>Fan 3, function</i>				
Fan 3, parallel operation function	☒ Inactive ☐ Parallel low speed/high speed ☐ Parallel start and low speed/high speed		Inactive Parallel low speed/high speed Parallel start and low speed/high speed	Parallel start
Fan 3, balance function	☒ Air flow ☐ Duct pressure and air flow measurement		Air flow Duct pressure and air flow measurement	Duct pressure
Fan 3, control function	☒ Inactive ☐ Extract air		Inactive Extract air	Supply air
Fan 3, size	☒ MIRU-3-25-28-1-1 ☐ MIRU-3-35-35-1-1 ☐ MIRU-3-35-45-1-1 ☐ MIRU-3-45-56-1-1 ☐ MIRU-3-56-63-1-1 ☐ MIRU-3-71-80-1-2 ☐ MIRU-3-71-90-1-2		MIRU-3-25-28-1-1 MIRU-3-35-35-1-1 MIRU-3-35-45-1-1 MIRU-3-45-56-1-1 MIRU-3-56-63-1-1 MIRU-3-71-80-1-2 MIRU-3-71-90-1-2	MIRU-3-25-31-1-1 MIRU-3-35-40-1-1 MIRU-3-45-50-1-1 MIRU-3-45-56-2-1 MIRU-3-56-71-1-2 MIRU-3-71-80-2-2
<i>Fan 3 schedule settings</i>				
Fan 3, duct 1 action	☒ Inactive ☐ Low sp. Tuesday ☐ Low sp. Thursday ☐ Low sp. Saturday ☐ Low sp. Mon..Fri ☐ Low sp. Mon..Sun ☐ High sp. Tuesday ☐ High sp. Thursday ☐ High sp. Saturday ☐ High sp. Mon..Fri ☐ High sp. Mon..Sun		☐ Low speed Monday ☐ Low sp. Wednesday ☐ Low sp. Friday ☐ Low sp. Sunday ☐ Low sp. Sat..Sun ☐ High sp. Monday ☐ High sp. Wednesday ☐ High sp. Friday ☐ High sp. Sunday ☐ High sp. Sat..Sun	Inactive Low sp. Tuesday Low sp. Thursday Low sp. Saturday Low sp. Mon..Fri Low sp. Mon..Sun High sp. Monday High sp. Wednesday High sp. Friday High sp. Sunday High sp. Sat..Sun
Fan 3, duct 1 start time	00:00			
Fan 3, duct 1 stop time	00:00			

Function	Factory-preset value	Adjusted value
Fan 3, duct 2 action	☒ Inactive ☐ Low speed Monday ☐ Low sp. Tuesday ☐ Low sp. Wednesday ☐ Low sp. Thursday ☐ Low sp. Friday ☐ Low sp. Saturday ☐ Low sp. Sunday ☐ Low sp. Mon..Fri ☐ Low sp. Sat..Sun ☐ Low sp. Mon..Sun ☐ High sp. Monday ☐ High sp. Tuesday ☐ High sp. Wednesday ☐ High sp. Thursday ☐ High sp. Friday ☐ High sp. Saturday ☐ High sp. Sunday ☐ High sp. Mon..Fri ☐ High sp. Sat..Sun ☐ High sp. Mon..Sun	Inactive Low speed Monday Low sp. Tuesday Low sp. Wednesday Low sp. Thursday Low sp. Friday Low sp. Saturday Low sp. Sunday Low sp. Mon..Fri Low sp. Sat..Sun Low sp. Mon..Sun High sp. Monday High sp. Tuesday High sp. Wednesday High sp. Thursday High sp. Friday High sp. Saturday High sp. Sunday High sp. Mon..Fri High sp. Sat..Sun High sp. Mon..Sun
Fan 3, duct 2 start time	00:00	
Fan 3, duct 2 stop time	00:00	
Fan 3, duct 3 action	☒ Inactive ☐ Low speed Monday ☐ Low sp. Tuesday ☐ Low sp. Wednesday ☐ Low sp. Thursday ☐ Low sp. Friday ☐ Low sp. Saturday ☐ Low sp. Sunday ☐ Low sp. Mon..Fri ☐ Low sp. Sat..Sun ☐ Low sp. Mon..Sun ☐ High sp. Monday ☐ High sp. Tuesday ☐ High sp. Wednesday ☐ High sp. Thursday ☐ High sp. Friday ☐ High sp. Saturday ☐ High sp. Sunday ☐ High sp. Mon..Fri ☐ High sp. Sat..Sun ☐ High sp. Mon..Sun	Inactive Low speed Monday Low sp. Tuesday Low sp. Wednesday Low sp. Thursday Low sp. Friday Low sp. Saturday Low sp. Sunday Low sp. Mon..Fri Low sp. Sat..Sun Low sp. Mon..Sun High sp. Monday High sp. Tuesday High sp. Wednesday High sp. Thursday High sp. Friday High sp. Saturday High sp. Sunday High sp. Mon..Fri High sp. Sat..Sun High sp. Mon..Sun
Fan 3, duct 3 start time	00:00	
Fan 3, duct 3 stop time	00:00	
Fan 3, duct 4 action	☒ Inactive ☐ Low speed Monday ☐ Low sp. Tuesday ☐ Low sp. Wednesday ☐ Low sp. Thursday ☐ Low sp. Friday ☐ Low sp. Saturday ☐ Low sp. Sunday ☐ Low sp. Mon..Fri ☐ Low sp. Sat..Sun ☐ Low sp. Mon..Sun ☐ High sp. Monday ☐ High sp. Tuesday ☐ High sp. Wednesday ☐ High sp. Thursday ☐ High sp. Friday ☐ High sp. Saturday ☐ High sp. Sunday ☐ High sp. Mon..Fri ☐ High sp. Sat..Sun ☐ High sp. Mon..Sun	Inactive Low speed Monday Low sp. Tuesday Low sp. Wednesday Low sp. Thursday Low sp. Friday Low sp. Saturday Low sp. Sunday Low sp. Mon..Fri Low sp. Sat..Sun Low sp. Mon..Sun High sp. Monday High sp. Tuesday High sp. Wednesday High sp. Thursday High sp. Friday High sp. Saturday High sp. Sunday High sp. Mon..Fri High sp. Sat..Sun High sp. Mon..Sun
Fan 3, duct 4 start time	00:00	
Fan 3, duct 4 stop time	00:00	



Function	Factory-preset value		Adjusted value	
Inputs / Outputs				
<i>External operation, module 3</i>				
Digital output 1, operating mode	Inactive		Inactive AHU in auto op. mode AHU in low speed op. mode A alarm Damper relay Heat exchanger, defrost. Reheat, cap. red. Morning Boost Air flow down regulation Extra reg. sequ. 2, heating Extra reg. sequ. 2, cooling Cooling Boost Supply air fan in operation Internal fire alarm tripped External fire alarm 2 Any fire alarm Ext. fire alarm 2 with priority Preheating HC defrosting with recirc.	Air handling unit in op. AHU in man. op. mode AHU in high speed op. mode B-alarm Heat exchange Re-heat Heating boost Intermittent night op. Extra reg. sequ.1 , heating Extra reg. sequ. 1, cooling Cool Summer night cool Extract air fan in operation External fire alarm 1 External fire alarms 1 and 2 Ext. fire alarm 1 with priority Int. fire alarm with priority HC defrosting
Digital output 2, operating mode	Inactive		Inactive AHU in auto op. mode AHU in low speed op. mode A alarm Damper relay Heat exchanger, defrost. Reheat, cap. red. Morning Boost Air flow down regulation Extra reg. sequ. 2, heating Extra reg. sequ. 2, cooling Cooling Boost Supply air fan in operation Internal fire alarm tripped External fire alarm 2 Any fire alarm Ext. fire alarm 2 with priority Preheating HC defrosting with recirc.	Air handling unit in op. AHU in man. op. mode AHU in high speed op. mode B-alarm Heat exchange Re-heat Heating boost Intermittent night op. Extra reg. sequ.1 , heating Extra reg. sequ. 1, cooling Cool Summer night cool Extract air fan in operation External fire alarm 1 External fire alarms 1 and 2 Ext. fire alarm 1 with priority Int. fire alarm with priority HC defrosting
Digital Input 1	☒ Disabled ☐ Stop AYC heating water ☐ MIRU 1-3 ext. stop ☐ MIRU 1-3 ext. high speed ☐ Cooling alarm input 1	☐ Alarm reset ☐ Stop AYC chilled water ☐ MIRU 1-3 ext. low sp. ☐ Re-heating alarm input ☐ Cooling alarm input 2	Disabled Stop AYC heating water MIRU 1-3 ext. stop MIRU 1-3 ext. high speed Cooling alarm input 1	Alarm reset Stop AYC cooling water MIRU 1-3 ext. low speed Re-heating alarm input Cooling alarm input 2
Digital Input 2	☒ Disabled ☐ Stop AYC heating water ☐ MIRU 1-3 ext. stop ☐ MIRU 1-3 ext. high speed ☐ Cooling alarm input 1	☐ Alarm reset ☐ Stop AYC chilled water ☐ MIRU 1-3 ext. low sp. ☐ Re-heating alarm input ☐ Cooling alarm input 2	Disabled Stop AYC heating water MIRU 1-3 ext. stop MIRU 1-3 ext. high speed Cooling alarm input 1	Alarm reset Stop AYC chilled water MIRU 1-3 ext. low speed Re-heating alarm input Cooling alarm input 2
Analogue Input 1	See Section 4.19 in the Function Manual, Installation		Disabled Set point disp.,supply air	Set point displacement Set point displ., extract air
Analogue Input 2	See Section 4.19 in the Function Manual, Installation		Disabled Set point displ., supply air	Set point displacement Set point displ., extract air

Function		Factory-preset value	Adjusted value	
Inputs / Outputs				
External operation, module 6				
Digital output 1, operating mode	Inactive		Inactive AHU in auto op. mode AHU in low speed op. mode A alarm Damper relay Heat exchanger, defrost. Reheat, cap. red. Morning Boost Air flow down regulation Extra reg. sequ. 2, heating Extra reg. sequ. 2, cooling Cooling Boost Supply air fan in operation Internal fire alarm tripped External fire alarm 2 Any fire alarm Ext. fire alarm 2 with priority Preheating HC defrosting with recirc.	Air handling unit in op. AHU in man. op. mode AHU in high speed op. mode B-alarm Heat exchange Re-heat Heating boost Intermittent night op. Extra reg. sequ.1 , heating Extra reg. sequ. 1, cooling Cool Summer night cool Extract air fan in operation External fire alarm 1 External fire alarms 1 and 2 Ext. fire alarm 1 with priority Int. fire alarm with priority HC defrosting
Digital output 2, operating mode	Inactive		Inactive AHU in auto op. mode AHU in low speed op. mode A alarm Damper relay Heat exchanger, defrost. Reheat, cap. red. Morning Boost Air flow down regulation Extra reg. sequ. 2, heating Extra reg. sequ. 2, cooling Cooling Boost Supply air fan in operation Internal fire alarm tripped External fire alarm 2 Any fire alarm Ext. fire alarm 2 with priority Preheating HC defrosting with recirc.	Air handling unit in op. AHU in man. op. mode AHU in high speed op. mode B-alarm Heat exchange Re-heat Heating boost Intermittent night op. Extra reg. sequ.1 , heating Extra reg. sequ. 1, cooling Cool Summer night cool Extract air fan in operation External fire alarm 1 External fire alarms 1 and 2 Ext. fire alarm 1 with priority Int. fire alarm with priority HC defrosting
Digital Input 1	☒ Disabled ☐ Stop AYC heating water ☐ MIRU 1-3 ext. stop ☐ MIRU 1-3 ext. high speed ☐ Cooling alarm input 1		☐ Alarm reset ☐ Stop AYC chilled water ☐ MIRU 1-3 ext. low sp. ☐ Re-heating alarm input ☐ Cooling alarm input 2	Disabled Alarm reset Stop AYC heating water Stop AYC cooling water MIRU 1-3 ext. stop MIRU 1-3 ext. low speed MIRU 1-3 ext. high speed Re-heating alarm input Cooling alarm input 1 Cooling alarm input 2
Digital Input 2	☒ Disabled ☐ Stop AYC heating water ☐ MIRU 1-3 ext. stop ☐ MIRU 1-3 ext. high speed ☐ Cooling alarm input 1		☐ Alarm reset ☐ Stop AYC chilled water ☐ MIRU 1-3 ext. low sp. ☐ Re-heating alarm input ☐ Cooling alarm input 2	Disabled Alarm reset Stop AYC heating water Stop AYC chilled water MIRU 1-3 ext. stop MIRU 1-3 ext. low speed MIRU 1-3 ext. high speed Re-heating alarm input Cooling alarm input 1 Cooling alarm input 2
Analogue Input 1	See Section 4.19 in the Function Manual, Installation		Disabled Set point disp.,supply air	Set point displacement Set point displ., extract air
Analogue Input 2	See Section 4.19 in the Function Manual, Installation		Disabled Set point displ., supply air	Set point displacement Set point displ., extract air

Function	Factory-preset value		Adjusted value	
Inputs / Outputs				
<i>External communication module A/B/C</i>				
External communication module A	☐ On	☒ Off	On	Off
Temperature sensor no. 1	☐ On	☒ Off	On	Off
Temperature sensor no. 2	☐ On	☒ Off	On	Off
External communication module B	☐ On	☒ Off	On	Off
Temperature sensor no. 1	☐ On	☒ Off	On	Off
Temperature sensor no. 2	☐ On	☒ Off	On	Off
External communication module C	☐ On	☒ Off	On	Off
Temperature sensor no. 1	☐ On	☒ Off	On	Off
Temperature sensor no. 2	☐ On	☒ Off	On	Off



Function	Factory-preset value	Adjusted value
Communication		
External Port B		
DHCP	☐ On ☒ Off	On Off
IP address	10.200.1.1	
Net mask	255.255.255.0	
Standard value GATEWAY	0.0.0.0	
Primary DNS	0.0.0.0	
Secondary DNS	0.0.0.0	
Wireless LAN		
Wireless LAN	☐ On ☒ Off	On Off
SSID	GOLD	
Password	123456789 alt. air handling unit's serial number	
IP address	169.254.233.1	
Net mask	255.255.255.0	
Channel, frequency band	5	
E-mail		
SMTP-server	☒ External ☐ Internal	External Internal
SMTP server address		
SMTP port number	25	
SMTP username		
SMTP password		
Encryption	☐ On ☒ Off	On Off
E-mail user		
E-mail reply path		
EIA-485		
Protocol	☐ Inactive ☒ Modbus ☐ EXOline ☐ Metasys N2 Open ☐ LON	Disabled Modbus EXOline Metasys N2 Open LON
Baudrate	☐ 4800 ☒ 9600 ☐ 19200 ☐ 38400	4800 9600 19200 38400
Parity	☒ None ☐ Even ☐ odd	None Even odd
Stopbits	2	
Modbus ID/Metasys ID/PLA	1	
ELA	1	
Shortest feedback delay ms	0	
Modbus TCP		
Port number	502	
Approved client IP address	0.0.0.0	
Approved client netmask	0.0.0.0	
BACnet IP		
Network number Ext. B	0	
Network number Int. A.	0	
Device ID	0	
Port number	47808	
EXOline TCP		
Port number	26486	
PLA	1	
ELA	1	
Operation level communication		
Operation level	☒ Disabled ☐ Total stop ☐ Low speed ☐ High Speed ☐ Normal Stop ☐ Extended Normal Stop	Disabled Total Stop Low speed High Speed Normal Stop Extended Normal Stop
Port number	26486	



Function	Factory-preset value	Adjusted value
Base setting		
Storage medium	☐ SD card ☒ USB	SD card USB



Function	Factory-preset value	Adjusted value
Users		
Demand password user	☐ On ☒ Off	On Off



Function	Factory-preset value	Adjusted value
IQnavigator		
Connect to IQlogic	☒ Direct ☐ DHCP ☐ Static IP ☐ Wireless	Direct DHCP Static IP Wireless
IQnavigator IP address		
IQnavigator Netmask		
Pre-selected IQnavigator gateway		
IQlogic IP address		
Brightness mode	☒ Auto adjust ☐ Low ☐ Medium ☐ High	Auto adjust Low Medium High
Button sound effects	☐ On ☒ Off	On Off
Volume	3	

Alarm No.	Function	Factory-preset value		Adjusted value	
		Priority	Effect	Priority	Effect
		0 = Blocked A = Type A alarm B = Type B alarm	0 = In operation 1 = Stop	0 = Blocked A = Type A alarm B = Type B alarm	0 = In operation 1 = Stop
1:1	External fire alarm no. 1 tripped	A ¹⁾	1		
1:2	External fire alarm no. 2 tripped	A ¹⁾	1		
1:3	Internal fire alarm tripped	A ¹⁾	1		
2:1	External alarm no. 1 tripped ²⁾	A	1 ³⁾		
2:2	External alarm no. 2 tripped ²⁾	B	0 ³⁾		
3:1	Preheating, I/O module no. 9 communication error	A	0 ³⁾		
3:2	Pre-heating, overheating protection tripped or no supply voltage to the electrical heater	A ¹⁾	0 ³⁾		
3:3	Preheat, frost guard tripped	A ¹⁾	1		
3:4	Preheat, frost guard temperature sensor defective	A ¹⁾	1		
3:5	Preheat, temperature sensor defective	A	0 ³⁾		
3:6	Pre-heat, valve monitoring tripped	B	0 ³⁾		
3:7	Pre-heat, temperature below set point alarm limit	A	0 ³⁾		
3:8	Pre-heat, alarm input tripped	A	0		
4:1	Extra regulation sequence 1, I/O module no. E communication error	A	0 ³⁾		
4:2	Extra regulation sequence 1, overheating protection tripped or no supply voltage to the electrical heater	A ¹⁾	0 ³⁾		
4:3	Extra regulation sequence 1, frost guard tripped	A ¹⁾	1		
4:4	Extra regulation sequence 1, frost guard temperature sensor defective	A ¹⁾	1		
4:5	Extra regulation sequence 1, valve monitoring tripped	B	0 ³⁾		
4:6	Extra regulation sequence 1, alarm input tripped	A	0		
4:7	Extra regulation sequence 1, temperature protection via communication, communication error	B	0		
4:8	Extra regulation sequence 1, combi coil sensor defective	A	1		
4:9	Extra regulation sequence 2, I/O module no. F communication error	A	0 ³⁾		
4:10	Extra regulation sequence 2, overheating protection tripped or no supply voltage to the electrical heater	A ¹⁾	0 ³⁾		
4:11	Extra regulation sequence 2, frost guard tripped	A ¹⁾	1		
4:12	Extra regulation sequence 2, frost guard temperature sensor defective	A ¹⁾	1		
4:13	Extra regulation sequence 2, valve monitoring tripped	B	0 ³⁾		
4:14	Extra regulation sequence 2, alarm input tripped	A	0		
4:15	Extra regulation sequence 2, combi coil sensor defective	A	1		
5:1	Re-heating, overheating protection tripped or no supply voltage to the electrical heater	A ¹⁾	0 ³⁾		
5:2	Reheat, frost guard tripped	A ¹⁾	1		
5:3	Reheat, frost guard temperature sensor defective	A ¹⁾	1		
5:4	Reheat, heat valve monitoring tripped	B	0 ³⁾		
5:5	Re-heating, alarm input tripped	A	0 ³⁾		
6:1	Xzone, I/O-module no. A communication error	A	0 ³⁾		
6:2	Xzone, overheating protection tripped or no supply voltage to the electrical heater	A ¹⁾	0 ³⁾		
6:3	Xzone, frost guard tripped	A ¹⁾	1		
6:4	Xzone, frost guard temperature sensor defective	A ¹⁾	1		
6:5	Xzone, supply air temperature sensor defective	A	1 ³⁾		
6:6	Xzone, heating valve monitoring tripped	B	0 ³⁾		

Alarm No.	Function	Factory-preset value		Adjusted value	
		Priority	Effect	Priority	Effect
		0 = Blocked A = Type A alarm B = Type B alarm	0 = In operation 1 = Stop	0 = Blocked A = Type A alarm B = Type B alarm	0 = In operation 1 = Stop
6:7	Xzone, supply air temperature below set point alarm limit	A	0 ³⁾		
6:8	Xzone, supply air temperature above set point alarm limit	B	0 ³⁾		
6:9	Xzone, heat, alarm input tripped	A	0		
7:1	Xzone, I/O-module no. B communication error	A	0 ³⁾		
7:2	Xzone, extract air temperature sensor defective	A	1 ³⁾		
7:3	Xzone, cooling valve monitoring tripped	B	0 ³⁾		
7:4	Xzone, extract air temperature below set point alarm limit	A	0 ³⁾		
7:5	Xzone, cool, alarm input 1 tripped	A	0		
7:6	Xzone, cool, alarm input 2 tripped	A	0		
8:5	Cooling, valve monitoring tripped	B	0 ³⁾		
8:6	Cooling alarm input 1 tripped	A	0 ³⁾		
8:7	Cooling alarm input 2 tripped	A	0 ³⁾		
10:1	Supply air temperature sensor defective	A	1 ³⁾		
10:2	Supply air temperature sensor for density compensation defective	B	0 ³⁾		
10:3	Extract air temperature sensor defective	A	1 ³⁾		
10:4	Extract air temperature sensor for density compensation defective (RX/PX/CX)	B	0 ³⁾		
10:5	Extract air temperature sensor for heat exchanger defrosting defective	A	1 ³⁾		
10:6	Extract air temperature sensor for density compensation in SD air handling unit defective	A	1 ³⁾		
10:7	Extract air duct temperature sensor defective	A	1 ³⁾		
10:10	Outdoor air temperature sensor defective (GOLD SD)	B	0 ³⁾		
11:1	Room temperature sensor no. 1 defective	B	0 ³⁾		
11:2	Room temperature sensor no. 2 defective	B	0 ³⁾		
11:3	Room temperature sensor no. 3 defective	B	0 ³⁾		
11:4	Room temperature sensor no. 4 defective	B	0 ³⁾		
11:5	Xzone, room temperature sensor no. 5 defective	B	0 ³⁾		
11:6	Xzone, room temperature sensor no. 6 defective	B	0 ³⁾		
11:7	Xzone, room temperature sensor no. 7 defective	B	0 ³⁾		
11:8	Xzone, room temperature sensor no. 8 defective	B	0 ³⁾		
11:9	Outdoor temperature sensor no. A defective	B	0 ³⁾		
11:10	Outdoor temperature sensor no. B defective	B	0 ³⁾		
11:11	Outdoor temperature sensor no. C defective	B	0 ³⁾		
11:12	Outdoor temperature sensor no. D defective	B	0 ³⁾		
11:13	Room temperature from communication error ²⁾	B	0 ³⁾		
11:14	Xzone, room temperature from communication error ²⁾	B	0 ³⁾		
11:15	Outdoor temperature from communication error ²⁾	B	0 ³⁾		
12:1	Supply air temperature below set point alarm limit	A	1 ³⁾		
12:2	Supply air temperature above set point alarm limit	B	0 ³⁾		
12:6	Extract air temperature below alarm limit	A	1 ³⁾		
12:11	Temperature protection below alarm limit ²⁾	A	1 ³⁾		
12:13	Heat exchanger efficiency below alarm limit	B	0 ³⁾		
13:1	Humidifying, I/O module no. 4 communication error	B	0 ³⁾		
13:2	Supply air humidity sensor defective	A	0 ³⁾		
13:3	Extract air humidity sensor defective	A	0 ³⁾		

Alarm No.	Function	Factory-preset value		Adjusted value	
		Priority	Effect	Priority	Effect
		0 = Blocked A = Type A alarm B = Type B alarm	0 = In operation 1 = Stop	0 = Blocked A = Type A alarm B = Type B alarm	0 = In operation 1 = Stop
13:4	Exhaust air humidity sensor defective	A	0 ³⁾		
13:5	Outdoor humidity sensor defective	A	0 ³⁾		
13:6	Room humidity sensor defective	A	0 ³⁾		
13:9	Humidifier, alarm output tripped	A	0 ³⁾		
13:11	VOC sensor communication error	B	0 ³⁾		
13:12	VOC sensor, internal communication error	B	0 ³⁾		
13:13	VOC sensor, internal error	B	0 ³⁾		
13:14	VOC sensor, level below/above set point alarm limit	B	0 ³⁾		
15:1	Plate heat exchanger, I/O module no. 2 communication error	A	1 ³⁾⁴⁾		
15:2	Plate heat exchanger, temperature sensor no. 1 defective	A	1 ³⁾⁴⁾		
15:3	Plate heat exchanger, temperature sensor no. 2 defective	A	1 ³⁾⁴⁾		
15:4	Plate heat exchanger, damper monitor tripped	A	0 ³⁾⁴⁾		
15:7	Plate heat exchanger, I/O module no. 3 communication error	A	1		
15:8	Plate heat exchanger, bypass damper monitoring tripped	A	0		
15:9	Plate heat exchanger, damper no. 1 monitoring tripped	A	0		
15:10	Plate heat exchanger, damper no. 2 monitoring tripped	A	0		
15:11	Plate heat exchanger, I/O module no. 3 communication error	A	1		
15:12	Plate heat exchanger, bypass damper monitoring tripped	A	0		
15:13	Plate heat exchanger, counter-flow, defrosting pressure over alarm limit	B	1		
15:14	Plate heat exchanger, defrosting sensor no. C communication error	B	0		
15:15	Plate heat exchanger, defrosting pressure over alarm limit	B	1		
16:1	Coil heat exchanger, I/O module no. 1 communication error	A	1 ³⁾⁴⁾		
16:2	Coil heat exchanger, temperature sensor defective	A	1 ³⁾⁴⁾		
16:3	Coil heat exchanger, valve monitor tripped	A	0 ³⁾⁴⁾		
16:4	Coil heat exchanger, pump monitor tripped	A	1 ³⁾⁴⁾		
16:5	Coil heat exchanger, I/O module no. C communication error	A	1 ³⁾⁴⁾		
16:6	Coil heat exchanger, pressure sensor defective	A	1 ³⁾⁴⁾		
16:7	Coil heat exchanger, low pressure in fluid circuit	A	1 ³⁾⁴⁾		
16:8	Coil heat exchanger, pressure below alarm limit	A	1		
17:1	Rotary heat exchanger, motor controller communication error	A	1 ³⁾		
17:2	Rotary heat exchanger, defrosting pressure sensor no. 7 communication error	B	0 ³⁾		
17:3	Rotary heat exchanger, defrosting pressure above alarm limit	B	1 ³⁾⁴⁾		
17:4	Rotary heat exchanger, rotation detector tripped	A ¹⁾	1 ³⁾⁴⁾		
17:5	Rotary heat exchanger, motor controller overcurrent	A ¹⁾	1 ³⁾⁴⁾		
17:6	Rotary heat exchanger, motor controller undervoltage	A ¹⁾	1 ³⁾⁴⁾		
17:7	Rotary heat exchanger, motor controller overvoltage	A ¹⁾	1 ³⁾⁴⁾		
17:8	Rotary heat exchanger, motor controller excess temperature	A ¹⁾	1 ³⁾⁴⁾		
17:9	Rotary heat exchanger, motor controller start up error	A ¹⁾	1 ³⁾⁴⁾		
17:10	Rotary heat exchanger, internal fault motor control system	A ¹⁾	1 ³⁾⁴⁾		
17:11	Rotary heat exchanger, motor controller phase error	A ¹⁾	1 ³⁾⁴⁾		
17:12	Rotary heat exchanger motor controller internal memory error	A ¹⁾	1 ³⁾⁴⁾		
17:13	Rotary heat exchanger, motor controller current limitation	A ¹⁾	1 ³⁾⁴⁾		
17:14	Rotary heat exchanger motor controller internal communication error	A ¹⁾	1 ³⁾⁴⁾		
17:15	Rotary heat exchanger, I/O-module communication error	A ¹⁾	1 ³⁾⁴⁾		

Alarm No.	Function	Factory-preset value		Adjusted value	
		Priority	Effect	Priority	Effect
		0 = Blocked A = Type A alarm B = Type B alarm	0 = In operation 1 = Stop	0 = Blocked A = Type A alarm B = Type B alarm	0 = In operation 1 = Stop
18:1	AYC I/O module no. 7 communication error	A	0 ³⁾		
18:2	AYC heating, temperature sensor defective	A	0 ³⁾		
18:3	AYC heat, valve monitor tripped	B	0 ³⁾		
18:4	AYC heat, pump monitor tripped	A	0 ³⁾		
18:5	AYC heat, temperature below set point alarm limit	A	0 ³⁾		
18:6	AYC heating, temperature above set point alarm limit ⁵⁾	B	0 ³⁾		
18:9	AYC cooling, temperature sensor defective	A	0 ³⁾		
18:10	AYC cool, valve monitor tripped	B	0 ³⁾		
18:11	AYC cool, pump monitor tripped	A	0 ³⁾		
18:12	AYC cool, temperature below set point alarm limit	A	0 ³⁾		
18:13	AYC cooling, temperature above set point alarm limit ⁵⁾	B	0 ³⁾		
19:1	Rotary heat exchanger, Air Quality Control pressure sensor no. E communication error	B	0 ³⁾		
19:2	Rotary heat exchanger, Air Quality Control below the set point alarm limit	A ¹⁾	0 ³⁾		
19:3	Rotary heat exchanger, Air Quality Control damper monitoring tripped	B	0 ³⁾		
21:1	COOL DX, I/O module no. 2 communication error	B	0 ³⁾		
21:2	COOL DX, compressor no. 1 low pressure sensor defective	A ¹⁾	0 ³⁾		
21:3	COOL DX, compressor no. 1 low pressure below alarm limit	A ¹⁾	0 ³⁾		
21:4	COOL DX, compressor no. 1 high pressure sensor defective	A ¹⁾	0 ³⁾		
21:5	COOL DX, compressor no. 1 high pressure above alarm limit	A ¹⁾	0 ³⁾		
21:6	COOL DX, compressor no. 1 monitoring tripped	A	0 ³⁾		
21:7	COOL DX, compressor no. 1 restart error	A	0 ³⁾		
21:8	COOL DX, compressor no. 2 low pressure sensor defective	A ¹⁾	0 ³⁾		
21:9	COOL DX, compressor no. 2 low pressure below alarm limit	A ¹⁾	0 ³⁾		
21:10	COOL DX, compressor no. 2 high pressure sensor defective	A ¹⁾	0 ³⁾		
21:11	COOL DX, compressor no. 2 high pressure above alarm limit	A ¹⁾	0 ³⁾		
21:12	COOL DX, compressor no. 2 monitoring tripped	A	0 ³⁾		
21:13	COOL DX, compressor no. 2 restart error	A	0 ³⁾		
21:14	COOL DX, outdoor air temperature sensor defective	B	0 ³⁾		
21:15	COOL DX, phase sequence error/supply voltage missing	A	0 ³⁾		
23:1	SMART Link, communication error	A	0 ³⁾		
23:2	SMART Link, alarm level 1 tripped	B	0 ³⁾		
23:3	SMART Link, alarm level 2 tripped	B	0 ³⁾		
23:4	SMART Link, alarm level 3 tripped	B	0 ³⁾		
23:10	AQUA Link, I/O-module no. 5 communication error 5 tripped	B	0 ³⁾		
23:11	SMART Link, no. 1 communication error	B	0 ³⁾		
24:1	SMART Link, no. 1 communication error	A	0 ³⁾		
24:2	SMART Link, no. 1 alarm tripped	A	0 ³⁾		
24:4	SMART Link, no. 2 communication error	A	0 ³⁾		
24:5	SMART Link, no. 2 alarm tripped	A	0 ³⁾		
24:7	SMART Link, no. 3 communication error	A	0 ³⁾		
24:8	SMART Link, no. 3 alarm tripped	A	0 ³⁾		
24:10	SMART Link, no. 4 communication error	A	0 ³⁾		
24:11	SMART Link, no. 4 alarm tripped	A	0 ³⁾		
24:13	SMART Link, supply air alarm flow below alarm limit	A	0		
25:1	SMART Link+, cooling circuit A communication error	A	0 ³⁾		

Alarm No.	Function	Factory-preset value		Adjusted value	
		Priority	Effect	Priority	Effect
		0 = Blocked A = Type A alarm B = Type B alarm	0 = In operation 1 = Stop	0 = Blocked A = Type A alarm B = Type B alarm	0 = In operation 1 = Stop
25:2	SMART Link+, cooling circuit B communication error	A	0 ³⁾		
25:3	SMART Link+, heating circuit A communication error	A	0 ³⁾		
25:4	SMART Link+, heating circuit B communication error	A	0 ³⁾		
26:1	Pre-filter, supply air pressure sensor no. 8 communication error	B	0 ³⁾		
26:2	Pre-filter, supply air dirty	B	0 ³⁾		
26:7	Pre-filter, extract air pressure sensor no. 9 communication error	B	0 ³⁾		
26:8	Pre-filter, extract air fouled	B	0 ³⁾		
27:1	AHU filter, supply air pressure sensor no. 3/4 communication error	B	0 ³⁾		
27:2	AHU filter, supply air fouled	B	0 ³⁾		
27:7	AHU filter, extract air pressure sensor no. 3/4 communication error	B	0 ³⁾		
27:8	AHU filter, extract air fouled	B	0 ³⁾		
28:1	End filter, supply air pressure sensor no. A communication error	B	0 ³⁾		
28:2	End filter, supply air fouled	B	0 ³⁾		
29:1	Energy monitoring pulse counter communication error	B	0 ³⁾		
30:1	Flow measurement, supply air pressure sensor no. 1/2 communication error	A	1 ³⁾		
30:2	Flow measurement, supply airflow below set point alarm limit	B	0 ³⁾		
30:3	Flow measurement, supply air flow above set point alarm limit	B	0 ³⁾		
30:6	Flow measurement, extract air pressure sensor no. 1/2 communication error	A	1 ³⁾		
30:7	Flow measurement, extract airflow below set point alarm limit	B	0 ³⁾		
30:8	Flow measurement, extract airflow below set point alarm limit	B	0 ³⁾		
30:11	Flow measurement, purging pressure sensor no. B communication error	B	0 ³⁾		
31:1	Pressure regulation, supply air pressure sensor no. AQUA Link, pump monitor tripped	A	1 ³⁾		
31:2	Pressure regulation, supply air pressure below set point alarm limit	B	0 ³⁾		
31:3	Pressure regulation, supply air pressure above set point alarm limit	B	0 ³⁾		
31:6	Pressure regulation, extract air pressure sensor no. 6 communication error	A	1 ³⁾		
31:7	Pressure regulation, extract air pressure below set point alarm limit	B	0 ³⁾		
31:8	Pressure regulation, extract air pressure above set point alarm limit	B	0 ³⁾		
32:1	RECO ₂ , I/O module no. 0 communication error	A	0 ³⁾		
32:2	RECO ₂ , pressure sensor no. 0 communication error	A	0 ³⁾		
32:3	RECO ₂ /Intermittent night heating, recirculated air damper monitoring tripped	B	0 ³⁾		
32:4	RECO ₂ , outdoor air damper monitoring tripped	B	0 ³⁾		
33:1	Service period above alarm limit ²⁾	B	0 ³⁾		
33:15	Lock function tripped	A	1		
34:1	External control, I/O module no. 3 communication error	B	0 ³⁾		

Alarm No.	Function	Factory-preset value		Adjusted value	
		Priority	Effect	Priority	Effect
		0 = Blocked A = Type A alarm B = Type B alarm	0 = In operation 1 = Stop	0 = Blocked A = Type A alarm B = Type B alarm	0 = In operation 1 = Stop
34:2	External control, I/O module no. 6 communication error	B	0 ³⁾		
35:1	Booster diffusers, I/O module no. 8 communication error	B	0		
36:1	External communication, I/O module no. A communication error	B	0 ³⁾		
36:2	External communication, I/O module no. A temperature sensor no. 1 defective	B	0 ³⁾		
36:3	External communication, I/O module no. A temperature sensor no. 2 defective	B	0 ³⁾		
36:6	External communication, I/O module no. B communication error	B	0 ³⁾		
36:7	External communication, I/O module no. B temperature sensor no. 1 defective	B	0 ³⁾		
36:8	External communication, I/O module no. B temperature sensor no. 2 defective	B	0 ³⁾		
36:11	External communication, I/O module no. C communication error	B	0 ³⁾		
36:12	External communication, I/O module no. C temperature sensor no. 1 defective	B	0 ³⁾		
36:13	External communication, I/O module no. C temperature sensor no. 2 defective	B	0 ³⁾		
38:1	MIRU no. 1 communication error	A	0 ³⁾		
38:2	MIRU no. 1 motor controller alarm tripped	A	0 ³⁾		
38:3	MIRU no. 1 motor controller communication error	A	0 ³⁾		
38:4	MIRU no. 1 flow measurement pressure sensor no. 0 communication error	A	0 ³⁾		
38:5	MIRU no. 1 pressure regulation sensor no. 1 communication error	A	0 ³⁾		
38:6	MIRU no. 1 temperature sensor defective	B	0 ³⁾		
38:7	MIRU no. 1 flow/pressure deviation from set point alarm limit	B	0 ³⁾		
38:8	MIRU no. 1 flow below set point alarm limit	B	0		
38:9	MIRU no. 1 flow over set point alarm limit	B	0		
38:10	MIRU no. 1 pressure under set point alarm limit	B	0		
38:11	MIRU no. 1 pressure over set point alarm limit	B	0		
39:1	MIRU no. 2 communication error	A	0 ³⁾		
39:2	MIRU no. 2 motor controller alarm tripped	A	0 ³⁾		
39:3	MIRU no. 2 motor controller communication error	A	0 ³⁾		
39:4	MIRU no. 2 flow measurement pressure sensor no. 0 communication error	A	0 ³⁾		
39:5	MIRU no. 2 pressure regulation sensor no. 1 communication error	A	0 ³⁾		
39:6	MIRU no. 2 temperature sensor defective	B	0 ³⁾		
39:7	MIRU no. 2 flow/pressure deviation from set point alarm limit	B	0 ³⁾		
39:8	MIRU no. 2 flow below set point alarm limit	B	0		
39:9	MIRU no. 2 flow over set point alarm limit	B	0		
39:10	MIRU no. 2 pressure under set point alarm limit	B	0		
39:11	MIRU no. 2 pressure over set point alarm limit	B	0		
40:1	MIRU no. 3 communication error	A	0 ³⁾		
40:2	MIRU no. 3 motor controller alarm tripped	A	0 ³⁾		
40:3	MIRU no. 3 motor controller communication error	A	0 ³⁾		
40:4	MIRU no. 3 flow measurement pressure sensor no. 0 communication error	A	0 ³⁾		

Alarm No.	Function	Factory-preset value		Adjusted value	
		Priority	Effect	Priority	Effect
		0 = Blocked A = Type A alarm B = Type B alarm	0 = In operation 1 = Stop	0 = Blocked A = Type A alarm B = Type B alarm	0 = In operation 1 = Stop
40:5	MIRU no. 3 pressure regulation sensor no. 1 communication error	A	0 ³⁾		
40:6	MIRU no. 3 temperature sensor defective	B	0 ³⁾		
40:7	MIRU no. 3 flow/pressure deviation from set point alarm limit	B	0 ³⁾		
40:8	MIRU no. 3 flow below set point alarm limit	B	0		
40:9	MIRU no. 3 flow over set point alarm limit	B	0		
40:10	MIRU no. 3 pressure under set point alarm limit	B	0		
40:11	MIRU no. 3 pressure over set point alarm limit	B	0		
41:1	MIRU no. 4 communication error	A	0 ³⁾		
41:2	MIRU no. 4 motor controller alarm tripped	A	0 ³⁾		
41:3	MIRU no. 4 motor controller communication error	A	0 ³⁾		
41:4	MIRU no. 4 flow measurement pressure sensor no. 0 communication error	A	0 ³⁾		
41:5	MIRU no. 4 pressure regulation sensor no. 1 communication error	A	0 ³⁾		
41:6	MIRU no. 4 temperature sensor defective	B	0 ³⁾		
41:7	MIRU no. 4 flow/pressure deviation from set point alarm limit	B	0 ³⁾		
42:1	MIRU no. 5 communications error	A	0 ³⁾		
42:2	MIRU no. 5 motor controller alarm tripped	A	0 ³⁾		
42:3	MIRU no. 5 motor controller communication error	A	0 ³⁾		
42:4	MIRU no. 5 flow measurement pressure sensor no. 0 communication error	A	0 ³⁾		
42:5	MIRU no. 5 pressure regulation sensor no. 1 communication error	A	0 ³⁾		
42:6	MIRU no. 5 temperature sensor defective	B	0 ³⁾		
42:7	MIRU no. 5 flow/pressure deviation from set point alarm limit	B	0 ³⁾		
43:1	MIRU no. 6 communication error	A	0 ³⁾		
43:2	MIRU no. 6 motor controller alarm tripped	A	0 ³⁾		
43:3	MIRU no. 6 motor controller communication error	A	0 ³⁾		
43:4	MIRU no. 6 flow measurement pressure sensor no. 0 communication error	A	0 ³⁾		
43:5	MIRU no. 6 pressure regulation sensor no. 1 communication error	A	0 ³⁾		
43:6	MIRU no. 6 temperature sensor defective	B	0 ³⁾		
43:7	MIRU no. 6 flow/pressure deviation from set point alarm limit	B	0 ³⁾		
44:1	MIRU no. 7 communication error	A	0 ³⁾		
44:2	MIRU no. 7 motor controller alarm tripped	A	0 ³⁾		
44:3	MIRU no. 7 motor controller communication error	A	0 ³⁾		
44:4	MIRU no. 7 flow measurement pressure sensor no. 0 communication error	A	0 ³⁾		
44:5	MIRU no. 7 pressure regulation sensor no. 1 communication error	A	0 ³⁾		
44:6	MIRU no. 7 temperature sensor defective	B	0 ³⁾		
44:7	MIRU no. 7 flow/pressure deviation from set point alarm limit	B	0 ³⁾		
45:1	MIRU no. 8 communication error	A	0 ³⁾		
45:2	MIRU no. 8 motor controller alarm tripped	A	0 ³⁾		
45:3	MIRU no. 8 motor controller communication error	A	0 ³⁾		
45:4	MIRU no. 8 flow measurement pressure sensor no. 0 communication error	A	0 ³⁾		
45:5	MIRU no. 8 pressure regulation sensor no. 1 communication error	A	0 ³⁾		

Alarm No.	Function	Factory-preset value		Adjusted value	
		Priority	Effect	Priority	Effect
		0 = Blocked A = Type A alarm B = Type B alarm	0 = In operation 1 = Stop	0 = Blocked A = Type A alarm B = Type B alarm	0 = In operation 1 = Stop
45:6	MIRU no. 8 temperature sensor defective	B	0 ³⁾		
45:7	MIRU no. 8 flow/pressure deviation from set point alarm limit	B	0 ³⁾		
46:1	MIRU no. 9 communication error	A	0 ³⁾		
46:2	MIRU no. 9 motor controller alarm tripped	A	0 ³⁾		
46:3	MIRU no. 9 motor controller communication error	A	0 ³⁾		
46:4	MIRU no. 9 flow measurement pressure sensor no. 0 communication error	A	0 ³⁾		
46:5	MIRU no. 9 pressure regulation sensor no. 1 communication error	A	0 ³⁾		
46:6	MIRU no. 9 temperature sensor defective	B	0 ³⁾		
46:7	MIRU no. 9 flow/pressure deviation from set point alarm limit	B	0 ³⁾		
47:1	MIRU no. 10 communication error	A	0 ³⁾		
47:2	MIRU no. 10 motor controller alarm tripped	A	0 ³⁾		
47:3	MIRU no. 10 motor controller communication error	A	0 ³⁾		
47:4	MIRU no. 10 flow measurement pressure sensor no. 0 communication error	A	0 ³⁾		
47:5	MIRU no. 10 pressure regulation sensor no. 1 communication error	A	0 ³⁾		
47:6	MIRU no. 10 temperature sensor defective	B	0 ³⁾		
47:7	MIRU no. 10 flow/pressure deviation from set point alarm limit	B	0 ³⁾		
49:1	Supply air fan no. 1A communication error	A	1 ³⁾		
49:2	Supply air fan no. 1A motor controller overcurrent	A ¹⁾	1 ³⁾		
49:3	Supply air fan no. 1A motor controller undervoltage	A ¹⁾	1 ³⁾		
49:4	Supply air fan no. 1A motor controller overvoltage	A ¹⁾	1 ³⁾		
49:5	Supply air fan no. 1A motor controller excess temperature	A ¹⁾	1 ³⁾		
49:6	Supply air fan no. 1A motor controller start up error	A ¹⁾	1 ³⁾		
49:7	Supply air fan no. 1A motor controller uneven phase voltage	A ¹⁾	1 ³⁾		
49:8	Supply air fan no. 1A motor controller phase error	A ¹⁾	1 ³⁾		
49:9	Supply air fan no. 1A motor controller internal memory error	A ¹⁾	1 ³⁾		
49:10	Supply air fan no. 1A motor controller current limitation	B	0 ³⁾		
49:11	Supply air fan no. 1A motor controller internal communication error	A	1 ³⁾		
50:1	Supply air fan no. 2A communication error	A	1 ³⁾		
50:2	Supply air fan no. 2A motor controller overcurrent	A ¹⁾	1 ³⁾		
50:3	Supply air fan no. 2A motor controller undervoltage	A ¹⁾	1 ³⁾		
50:4	Supply air fan no. 2A motor controller overvoltage	A ¹⁾	1 ³⁾		
50:5	Supply air fan no. 2A motor controller excess temperature	A ¹⁾	1 ³⁾		
50:6	Supply air fan no. 2A motor controller start up error	A ¹⁾	1 ³⁾		
50:7	Supply air fan no. 2A motor controller uneven phase voltage	A ¹⁾	1 ³⁾		
50:8	Supply air fan no. 2A motor controller phase error	A ¹⁾	1 ³⁾		
50:9	Supply air fan no. 2A motor controller internal memory error	A ¹⁾	1 ³⁾		
50:10	Supply air fan no. 2A motor controller current limitation	B	0 ³⁾		
50:11	Supply air fan no. 2A motor controller internal communication error	A	1 ³⁾		
51:1	Supply air fan no. 3A communication error	A	1 ³⁾		
51:2	Supply air fan no. 3A motor controller overcurrent	A ¹⁾	1 ³⁾		
51:3	Supply air fan no. 3A motor controller undervoltage	A ¹⁾	1 ³⁾		
51:4	Supply air fan no. 3A motor controller overvoltage	A ¹⁾	1 ³⁾		
51:5	Supply air fan no. 3A motor controller excess temperature	A ¹⁾	1 ³⁾		
51:6	Supply air fan no. 3A motor controller start up error	A ¹⁾	1 ³⁾		
51:7	Supply air fan no. 3A motor controller uneven phase voltage	A ¹⁾	1 ³⁾		

Alarm No.	Function	Factory-preset value		Adjusted value	
		Priority	Effect	Priority	Effect
		0 = Blocked A = Type A alarm B = Type B alarm	0 = In operation 1 = Stop	0 = Blocked A = Type A alarm B = Type B alarm	0 = In operation 1 = Stop
51:8	Supply air fan no. 3A motor controller phase error	A ¹⁾	1 ³⁾		
51:9	Supply air fan no. 3A motor controller internal memory error	A ¹⁾	1 ³⁾		
51:10	Supply air fan no. 3A motor controller current limitation	B	0 ³⁾		
51:11	Supply air fan no. 3A motor controller internal communication error	A	1 ³⁾		
52:1	Supply air fan no. 1B communication error	A	1 ³⁾		
52:2	Supply air fan no. 1B motor controller overcurrent	A ¹⁾	1 ³⁾		
52:3	Supply air fan no. 1B motor controller undervoltage	A ¹⁾	1 ³⁾		
52:4	Supply air fan no. 1B motor controller overvoltage	A ¹⁾	1 ³⁾		
52:5	Supply air fan no. 1B motor controller excess temperature	A ¹⁾	1 ³⁾		
52:6	Supply air fan no. 1B motor controller start up error	A ¹⁾	1 ³⁾		
52:7	Supply air fan no. 1B motor controller uneven phase voltage	A ¹⁾	1 ³⁾		
52:8	Supply air fan no. 1B motor controller phase error	A ¹⁾	1 ³⁾		
52:9	Supply air fan no. 1B motor controller internal memory error	A ¹⁾	1 ³⁾		
52:10	Supply air fan no. 1B motor controller current limitation	B	0 ³⁾		
53:1	Supply air fan no. 2B communication error	A	1 ³⁾		
53:2	Supply air fan no. 2B motor controller overcurrent	A ¹⁾	1 ³⁾		
53:3	Supply air fan no. 2B motor controller undervoltage	A ¹⁾	1 ³⁾		
53:4	Supply air fan no. 2B motor controller overvoltage	A ¹⁾	1 ³⁾		
53:5	Supply air fan no. 2B motor controller excess temperature	A ¹⁾	1 ³⁾		
53:6	Supply air fan no. 2B motor controller start up error	A ¹⁾	1 ³⁾		
53:7	Supply air fan no. 2B motor controller uneven phase voltage	A ¹⁾	1 ³⁾		
53:8	Supply air fan no. 2B motor controller phase error	A ¹⁾	1 ³⁾		
53:9	Supply air fan no. 2B motor controller internal memory error	A ¹⁾	1 ³⁾		
53:10	Supply air fan no. 2B motor controller current limitation	B	0 ³⁾		
54:1	Supply air fan no. 3B communication error	A	1 ³⁾		
54:2	Supply air fan no. 3B motor controller overcurrent	A ¹⁾	1 ³⁾		
54:3	Supply air fan no. 3B motor controller undervoltage	A ¹⁾	1 ³⁾		
54:4	Supply air fan no. 3B motor controller overvoltage	A ¹⁾	1 ³⁾		
54:5	Supply air fan no. 3B motor controller excess temperature	A ¹⁾	1 ³⁾		
54:6	Supply air fan no. 3B motor controller start up error	A ¹⁾	1 ³⁾		
54:7	Supply air fan no. 3B motor controller uneven phase voltage	A ¹⁾	1 ³⁾		
54:8	Supply air fan no. 3B motor controller phase error	A ¹⁾	1 ³⁾		
54:9	Supply air fan no. 3B motor controller internal memory error	A ¹⁾	1 ³⁾		
54:10	Supply air fan no. 3B motor controller current limitation	B	0 ³⁾		
55:1	Extract air fan no. 1A communication error	A	1 ³⁾		
55:2	Extract air fan no. 1A motor controller overcurrent	A ¹⁾	1 ³⁾		
55:3	Extract air fan no. 1A motor controller undervoltage	A ¹⁾	1 ³⁾		
55:4	Extract air fan no. 1A motor controller overvoltage	A ¹⁾	1 ³⁾		
55:5	Extract air fan no. 1A motor controller excess temperature	A ¹⁾	1 ³⁾		
55:6	Extract air fan no. 1A motor controller start up error	A ¹⁾	1 ³⁾		
55:7	Extract air fan no. 1A motor controller uneven phase voltage	A ¹⁾	1 ³⁾		
55:8	Extract air fan no. 1A motor controller phase error	A ¹⁾	1 ³⁾		
55:9	Extract air fan no. 1A motor controller internal memory error	A ¹⁾	1 ³⁾		
55:10	Extract air fan no. 1A motor controller current limitation	B	0 ³⁾		
55:11	Extract air fan no. 1A motor controller internal communication error	A	1 ³⁾		
56:1	Extract air fan no. 2A communication error	A	1 ³⁾		
56:2	Extract air fan no. 2A motor controller overcurrent	A ¹⁾	1 ³⁾		

Alarm No.	Function	Factory-preset value		Adjusted value	
		Priority	Effect	Priority	Effect
		0 = Blocked A = Type A alarm B = Type B alarm	0 = In operation 1 = Stop	0 = Blocked A = Type A alarm B = Type B alarm	0 = In operation 1 = Stop
56:3	Extract air fan no. 2A motor controller undervoltage	A ¹⁾	1 ³⁾		
56:4	Extract air fan no. 2A motor controller overvoltage	A ¹⁾	1 ³⁾		
56:5	Extract air fan no. 2A motor controller excess temperature	A ¹⁾	1 ³⁾		
56:6	Extract air fan no. 2A motor controller start up error	A ¹⁾	1 ³⁾		
56:7	Extract air fan no. 2A motor controller uneven phase voltage	A ¹⁾	1 ³⁾		
56:8	Extract air fan no. 2A motor controller phase error	A ¹⁾	1 ³⁾		
56:9	Extract air fan no. 2A motor controller internal memory error	A ¹⁾	1 ³⁾		
56:10	Extract air fan no. 2A motor controller current limitation	B	0 ³⁾		
56:11	Extract air fan no. 2A motor controller internal communication error	A	1 ³⁾		
57:1	Extract air fan no. 3A communication error	A	1 ³⁾		
57:2	Extract air fan no. 3A motor controller overcurrent	A ¹⁾	1 ³⁾		
57:3	Extract air fan no. 3A motor controller undervoltage	A ¹⁾	1 ³⁾		
57:4	Extract air fan no. 3A motor controller overvoltage	A ¹⁾	1 ³⁾		
57:5	Extract air fan no. 3A motor controller excess temperature	A ¹⁾	1 ³⁾		
57:6	Extract air fan no. 3A motor controller start up error	A ¹⁾	1 ³⁾		
57:7	Extract air fan no. 3A motor controller uneven phase voltage	A ¹⁾	1 ³⁾		
57:8	Extract air fan no. 3A motor controller phase error	A ¹⁾	1 ³⁾		
57:9	Extract air fan no. 3A motor controller internal memory error	A ¹⁾	1 ³⁾		
57:10	Extract air fan no. 3A motor controller current limitation	B	0 ³⁾		
57:11	Extract air fan no. 3A motor controller internal communication error	A	1 ³⁾		
58:1	Extract air fan no. 1B communication error	A	1 ³⁾		
58:2	Extract air fan no. 1B motor controller overcurrent	A ¹⁾	1 ³⁾		
58:3	Extract air fan no. 1B motor controller undervoltage	A ¹⁾	1 ³⁾		
58:4	Extract air fan no. 1B motor controller overvoltage	A ¹⁾	1 ³⁾		
58:5	Extract air fan no. 1B motor controller excess temperature	A ¹⁾	1 ³⁾		
58:6	Extract air fan no. 1B motor controller start up error	A ¹⁾	1 ³⁾		
58:7	Extract air fan no. 1B motor controller uneven phase voltage	A ¹⁾	1 ³⁾		
58:8	Extract air fan no. 1B motor controller phase error	A ¹⁾	1 ³⁾		
58:9	Extract air fan no. 1B motor controller internal memory error	A ¹⁾	1 ³⁾		
58:10	Extract air fan no. 1B motor controller current limitation	B	0 ³⁾		
59:1	Extract air fan no. 2B communication error	A	1 ³⁾		
59:2	Extract air fan no. 2B motor controller overcurrent	A ¹⁾	1 ³⁾		
59:3	Extract air fan no. 2B motor controller undervoltage	A ¹⁾	1 ³⁾		
59:4	Extract air fan no. 2B motor controller overvoltage	A ¹⁾	1 ³⁾		
59:5	Extract air fan no. 2B motor controller excess temperature	A ¹⁾	1 ³⁾		
59:6	Extract air fan no. 2B motor controller start up error	A ¹⁾	1 ³⁾		
59:7	Extract air fan no. 2B motor controller uneven phase voltage	A ¹⁾	1 ³⁾		
59:8	Extract air fan no. 2B motor controller phase error	A ¹⁾	1 ³⁾		
59:9	Extract air fan no. 2B motor controller internal memory error	A ¹⁾	1 ³⁾		
59:10	Extract air fan no. 2B motor controller current limitation	B	0 ³⁾		
60:1	Extract air fan no. 3B communication error	A	1 ³⁾		
60:2	Extract air fan no. 3B motor controller overcurrent	A ¹⁾	1 ³⁾		
60:3	Extract air fan no. 3B motor controller undervoltage	A ¹⁾	1 ³⁾		
60:4	Extract air fan no. 3B motor controller overvoltage	A ¹⁾	1 ³⁾		
60:5	Extract air fan no. 3B motor controller excess temperature	A ¹⁾	1 ³⁾		
60:6	Extract air fan no. 3B motor controller start up error	A ¹⁾	1 ³⁾		
60:7	Extract air fan no. 3B motor controller uneven phase voltage	A ¹⁾	1 ³⁾		

Alarm No.	Function	Factory-preset value		Adjusted value	
		Priority	Effect	Priority	Effect
		0 = Blocked A = Type A alarm B = Type B alarm	0 = In operation 1 = Stop	0 = Blocked A = Type A alarm B = Type B alarm	0 = In operation 1 = Stop
60:8	Extract air fan no. 3B motor controller phase error	A ¹⁾	1 ³⁾		
60:9	Extract air fan no. 3B motor controller internal memory error	A ¹⁾	1 ³⁾		
60:10	Extract air fan no. 3B motor controller current limitation	B	0 ³⁾		
61:1	Supply air fan no. 1A I/O-module communication error	A	1 ³⁾		
61:6	Supply air fan no. 2A I/O-module communication error	A	1 ³⁾		
61:11	Supply air fan no. 3A I/O-module communication error	A	1 ³⁾		
62:1	Extract air fan no. 1A I/O-module communication error	A	1 ³⁾		
62:6	Extract air fan no. 2A I/O-module communication error	A	1 ³⁾		
62:11	Extract air fan no. 3A I/O-module communication error	A	1 ³⁾		
63:1	MIRU no. 1 I/O module communications error	A	1 ³⁾		
63:6	MIRU no. 2 I/O module communications error	A	1 ³⁾		
63:11	MIRU no. 3 I/O module communications error	A	1 ³⁾		
70:1	HC control unit communication error	A	0		
70:2	HC control unit internal memory error	A	0		
70:3	HC control unit defective timer circuit	A	0		
70:5	HC defrosting, pressure sensor no. D communication error	A	0		
70:6	HC defrosting, I/O module no. 5 communications error	B	0		
70:7	HC defrosting, recirculation damper monitoring tripped	A	0		
70:8	HC defrosting, el. heating coil tripped	A	0		
70:9	HC defrosting time circuit 1 above alarm limit	B	0		
70:12	HC phase sequence error	A	0		
71:1	HC compressor motor control communication error	A	0		
71:2	HC compressor motor control start-up failure	A	0		
71:3	HC compressor motor control over or under voltage	A	0		
71:4	HC compressor outside working range	A	0		
71:9	HC expansion valve control circuit 1 communication error	A	0		
72:1	HC high pressure monitor circuit 1 tripped	A	0		
72:2	HC high pressure circuit 1 above alarm limit	A	0		
72:3	HC thermostatic contact circuit 1 tripped	A	0		
72:4	HC hot gas temperature circuit 1 above alarm limit	A	0		
72:5	HC hot gas temperature circuit 1 defective	A	0		
72:6	HC high pressure sensor circuit 1 defective	A	0		
72:7	HC low pressure sensor circuit 1 defective	A	0		
72:8	HC suction gas pipe temperature sensor circuit 1 defective	A	0		
72:9	HC pressure difference circuit 1 below alarm limit	A	0		
72:10	HC service of circuit 1 and compressor	A	0		
72:11	HC overheating temperature circuit 1 below alarm limit	A	0		
72:12	HC pressure equalisation of low pressure circuit 1	A	0		
72:13	HC pressure equalisation of high pressure circuit 1	A	0		
72:14	HC low pressure circuit 1 below alarm limit	A	0		
77:2	MIRU no. 1 motor controller overcurrent	A	0		
77:3	MIRU no. 1 motor controller undervoltage	A	0		
77:4	MIRU no. 1 motor controller overvoltage	A	0		
77:5	MIRU no. 1 motor controller over temperature	A	0		
77:6	MIRU no. 1 motor controller start up failure	A	0		
77:7	MIRU no. 1 motor controller uneven phase voltage	A	0		

Alarm No.	Function	Factory-preset value		Adjusted value	
		Priority	Effect	Priority	Effect
		0 = Blocked A = Type A alarm B = Type B alarm	0 = In operation 1 = Stop	0 = Blocked A = Type A alarm B = Type B alarm	0 = In operation 1 = Stop
77:8	MIRU no. 1 motor controller phase error	A	0		
77:9	MIRU no. 1 motor controller internal memory error	A	0		
77:10	MIRU no. 1 motor controller current limitation	A	0		
77:11	MIRU no. 1 motor controller internal communications error	A	0		
78:2	MIRU no. 2 motor controller overcurrent	A	0		
78:3	MIRU no. 2 motor controller undervoltage	A	0		
78:4	MIRU no. 2 motor controller overvoltage	A	0		
78:5	MIRU no. 2 motor controller over temperature	A	0		
78:6	MIRU no. 2 motor controller start up failure	A	0		
78:7	MIRU no. 2 motor controller uneven phase voltage	A	0		
78:8	MIRU no. 2 motor controller phase error	A	0		
78:9	MIRU no. 2 motor controller internal memory error	A	0		
78:10	MIRU no. 2 motor controller current limitation	A	0		
78:11	MIRU no. 2 motor controller internal communications error	A	0		
79:2	MIRU no. 3 motor controller overcurrent	A	0		
79:3	MIRU no. 3 motor controller undervoltage	A	0		
79:4	MIRU no. 3 motor controller overvoltage	A	0		
79:5	MIRU no. 3 motor controller over temperature	A	0		
79:6	MIRU no. 3 motor controller start up failure	A	0		
79:7	MIRU no. 3 motor controller uneven phase voltage	A	0		
79:8	MIRU no. 3 motor controller phase error	A	0		
79:9	MIRU no. 3 motor controller internal memory error	A	0		
79:10	MIRU no. 3 motor controller current limitation	A	0		
79:11	MIRU no. 3 motor controller internal communications error	A	0		
81:2	SMART Link no. 1 supply air flow below defrosting alarm limit	A	0		
81:3	SMART Link no. 1 High pressure monitor tripped	A	0		
81:4	SMART Link no. 1 high pressure above alarm limit	A	0		
81:5	SMART Link no. 1 low pressure below alarm limit	A	0		
81:6	SMART Link no. 1 evaporation temperature below alarm limit	A	0		
81:7	SMART Link no. 1 group alarm frequency converter	A	0		
81:8	SMART Link no. 1 outside working range	A	0		
81:9	SMART Link no. 1 compressor start-up failure	A	0		
81:10	SMART Link no. 1 hot gas temperature above alarm limit	A	0		
81:11	SMART Link no. 1 pressure difference below alarm limit	A	0		
82:2	SMART Link no. 2 supply air flow below defrosting alarm limit	A	0		
82:3	SMART Link no. 2 high pressure monitor tripped	A	0		
82:4	SMART Link no. 2 high pressure above alarm limit	A	0		
82:5	SMART Link no. 2 low pressure below alarm limit	A	0		
82:6	SMART Link no. 2 evaporation temperature below alarm limit	A	0		
82:7	SMART Link no. 2 group alarm frequency converter	A	0		
82:8	SMART Link no. 2 outside working range	A	0		
82:9	SMART Link no. 2 compressor start-up failure	A	0		
82:10	SMART Link no. 2 hot gas temperature above alarm limit	A	0		
82:11	SMART Link no. 2 pressure difference below alarm limit	A	0		

Alarm No.	Function	Factory-preset value		Adjusted value	
		Priority	Effect	Priority	Effect
		0 = Blocked A = Type A alarm B = Type B alarm	0 = In operation 1 = Stop	0 = Blocked A = Type A alarm B = Type B alarm	0 = In operation 1 = Stop
83:2	SMART Link no. 3 supply air flow below defrosting alarm limit	A	0		
83:3	SMART Link no. 3 high pressure monitor tripped	A	0		
83:4	SMART Link no. 3 high pressure above alarm limit	A	0		
83:5	SMART Link no. 3 low pressure below alarm limit	A	0		
83:6	SMART Link no. 3 evaporation temperature below alarm limit	A	0		
83:7	SMART Link no. 3 group alarm frequency converter	A	0		
83:8	SMART Link no. 3 outside working range	A	0		
83:9	SMART Link no. 3 compressor start-up failure	A	0		
83:10	SMART Link no. 3 hot gas temperature above alarm limit	A	0		
83:11	SMART Link no. 3 pressure difference below alarm limit	A	0		
84:2	SMART Link no. 4 supply air flow below defrosting alarm limit	A	0		
84:3	SMART Link no. 4 high pressure monitor tripped	A	0		
84:4	SMART Link no. 4 high pressure above alarm limit	A	0		
84:5	SMART Link no. 4 low pressure below alarm limit	A	0		
84:6	SMART Link no. 4 evaporation temperature below alarm limit	A	0		
84:7	SMART Link no. 4 group alarm frequency converter	A	0		
84:8	SMART Link no. 4 outside working range	A	0		
84:9	SMART Link no. 4 compressor start-up failure	A	0		
84:10	SMART Link no. 4 hot gas temperature above alarm limit	A	0		
84:11	SMART Link no. 4 pressure difference below alarm limit	A	0		

¹⁾ Cannot be blocked.

²⁾ The delay is adjustable.

³⁾ Adjustable.

⁴⁾ Stops the AHU if the temperature is below the adjustable limit.

⁵⁾ Inactive as factory setting.

Commissioning performed by:

Date

Company

Name
