



### LISTE DES BLOCS

#### 1. COMMUNICATION

##### 1.1. CAN

1.1.1. CanTx

1.1.2. CanRx

##### 1.2. MODBUS .

1.2.1. Master read bit

1.2.2. Master read register .

1.2.3. Master read 2 registers

1.2.4. Master write bit .

1.2.5. Master write register .

1.2.6. Master write 2 registers

1.2.7. Slave read bit .

1.2.8. Slave read byte

1.2.9. Slave read register .

1.2.10. Slave read 2 registers

1.2.11. Slave write bit .

1.2.12. Slave write byte

1.2.13. Slave write register .

1.2.14. Slave write 2 registers

#### 2. CONTROL

2.1. Cascade control

2.2. Dew point

2.3. Heating curve

2.4. Hour meter

2.5. Hysteresis

2.6. Kick function

2.7. Low-pass filter .

2.8. PID .

2.9. Psychrometric values

2.10. PWM

2.11. Rotational switch 2

2.12. Rotational switch 4

2.13. Rotational switch 8

2.14. Setpoint manager

2.15. Slope limit

#### 3. CONVERSION

3.1. AV to MV .

3.2. Average .

3.3. Convert

3.4. CPA 2 Slopes

3.5. Linear interpolation

3.6. Samples average

3.7. Spline interpolation

#### 4. IMPULSE .

4.1. Counter Up-Dn

4.2. Edge detection

4.3. Flip-flop RS

4.4. Pulse generator .

4.5. Timer

## Liste des blocs de programmations

5. IO	6.9. Not .	7.14. Mod
5.1. AI .	6.10. Or .	7.15. Mul .
5.2. AI NTC .	6.11. Xor .	7.16. Pow
5.3. AO	6.12. Word And	7.17. Sin
5.4. AV	6.13. Word Not And	7.18. Sub
5.5. BI .	6.14. Word Not Or	7.19. Tan .
5.6. BO	6.15. Word Not .	8. SCHEDULE .
5.7. BV	6.16. Word Or .	8.1. Bit Sched .
5.8. CI .	6.17. Word XOR .	8.2. Byte Sched
5.9. MI .	7. MATH	8.3. Calendar
5.10. MO .	7.1. Abs .	8.4. Word Sched .
5.11. MV	7.2. Arc Cos	8.5. DWord Sched
5.12. Vlv 3 Pts	7.3. Arc Sin .	9. System
5.13. Vlv PWM	7.4. Arc Tan	9.1. Board voltage
6. LOGIC .	7.5. Add	9.2. Clock
6.1. And	7.6. Compare	9.3. Controller status
6.2. Binary shift .	7.7. Cos	9.4. Fuse state
6.3. Bit selection .	7.8. Div	9.5. Loopback read .
6.4. Conditional selection .	7.9. Exp .	9.6. Loopback write
6.5. Mux	7.10. Ln .	9.7. Notification group
6.6. Mux Bool .	7.11. Log10 .	9.8. $\mu$ Ctrl Temp .
6.7. Not And .	7.12. Max	
6.8. Not Or	7.13. Min .	



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