



| Parameter | PNU | Value | Min. | Max. | Type | RW | Scale |
|--------------------------------|------|-------|-------|------|---------|-----|-------|
| Compressor control | | | | | | | |
| r23 Set Point °C | 100 | 0 | -999 | 300 | Float | R/W | 0.1 |
| r25 PoRefMax °C | 137 | 300 | -999 | 300 | Float | R/W | 0.1 |
| r26 PoRefMin °C | 138 | -999 | -999 | 0 | Float | R/W | 0.1 |
| r13 Night offset | 104 | 0 | -200 | 200 | Float | R/W | 0.1 |
| r27 NightSetBack | 126 | 0 | 0 | 1 | Boolean | R/W | 1 |
| o22 DI4 control | 2001 | 0 | 0 | 2 | Integer | R/W | 1 |
| r01 Neutral zone | 101 | 40 | 1 | 200 | Float | R/W | 0.1 |
| c10 + Zone K | 510 | 40 | 1 | 200 | Float | R/W | 0.1 |
| c11 + Zone m | 511 | 40 | 1 | 600 | Float | R/W | 0.1 |
| c12 ++ Zone m | 512 | 20 | 1 | 200 | Float | R/W | 0.1 |
| c13 - Zone K | 513 | 40 | 1 | 200 | Float | R/W | 0.1 |
| c14 - Zone m | 514 | 10 | 1 | 600 | Float | R/W | 0.1 |
| c15 -- Zone m | 515 | 50 | 2 | 2000 | Float | R/W | 0.01 |
| r04 AdjustSensor | 129 | 0 | -100 | 100 | Float | R/W | 0.1 |
| r24 Comp. ref.°C | 120 | 0 | -1000 | 2000 | Float | R | 0.1 |
| o49 Saux1 temp | 2068 | 1800 | -1000 | 2000 | Float | R | 0.1 |
| Compressor pack config. | | | | | | | |
| c16 Compr mode | 517 | 0 | 0 | 26 | Integer | R/W | 1 |
| c08 Step mode | 508 | 1 | 1 | 3 | Integer | R/W | 1 |
| c09 Unloader | 509 | 0 | 0 | 1 | Integer | R/W | 1 |
| c01 Min ON time | 500 | 0 | 0 | 30 | Integer | R/W | 1 |
| c07 MinRecyTime | 507 | 4 | 0 | 60 | Integer | R/W | 1 |
| o23 DO1 run hour | 2035 | 0 | 0 | 999 | Float | R/W | 0.1 |
| o24 DO2 run hour | 2036 | 0 | 0 | 999 | Float | R/W | 0.1 |
| o25 DO3 run hour | 2037 | 0 | 0 | 999 | Float | R/W | 0.1 |
| o26 DO4 run hour | 2038 | 0 | 0 | 999 | Float | R/W | 0.1 |
| o50 DO5 run hour | 2069 | 0 | 0 | 999 | Float | R/W | 0.1 |
| o51 DO6 run hour | 2070 | 0 | 0 | 999 | Float | R/W | 0.1 |
| o52 DO7 run hour | 2071 | 0 | 0 | 999 | Float | R/W | 0.1 |
| o53 DO8 run hour | 2072 | 0 | 0 | 999 | Float | R/W | 0.1 |
| c17 M&M Step 1 | 518 | 0 | 0 | 15 | Integer | R/W | 1 |
| c18 M&M Step 2 | 519 | 0 | 0 | 15 | Integer | R/W | 1 |
| C19 M&M Step 3 | 520 | 0 | 0 | 15 | Integer | R/W | 1 |
| c20 M&M Step 4 | 521 | 0 | 0 | 15 | Integer | R/W | 1 |
| c21 M&M Step 5 | 522 | 0 | 0 | 15 | Integer | R/W | 1 |
| c22 M&M Step 6 | 523 | 0 | 0 | 15 | Integer | R/W | 1 |
| c23 M&M Step 7 | 524 | 0 | 0 | 15 | Integer | R/W | 1 |
| c24 M&M Step 8 | 525 | 0 | 0 | 15 | Integer | R/W | 1 |
| c25 M&M Step 9 | 526 | 0 | 0 | 15 | Integer | R/W | 1 |
| c26 M&M Step 10 | 527 | 0 | 0 | 15 | Integer | R/W | 1 |
| c27 M&M Step 11 | 528 | 0 | 0 | 15 | Integer | R/W | 1 |
| c28 M&M Step 12 | 529 | 0 | 0 | 15 | Integer | R/W | 1 |



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|---------------------------|-------|-------|-------|------|---------|-----|-------|
| Condenser control | | | | | | | |
| r28 Set Point °C | 139 | 350 | -250 | 750 | Float | R/W | 0.1 |
| r30 PcRefMax °C | 143 | 999 | -999 | 999 | Float | R/W | 0.1 |
| r31 PcRefMin °C | 144 | -999 | -999 | 999 | Float | R/W | 0.1 |
| r34 Pc RefOffset | 147 | 0 | -200 | 200 | Float | R/W | 0.1 |
| o37 DI5 control | 2055 | 0 | 0 | 2 | Integer | R/W | 1 |
| r33 Pc mode | 146 | 1 | 1 | 4 | Integer | R/W | 1 |
| c29 No. of Fans. | 531 | 0 | 0 | 9 | Integer | R/W | 1 |
| r32 AdjustSensor | 145 | 0 | -100 | 100 | Float | R/W | 0.1 |
| n04 Xp K | 3003 | 100 | 2 | 400 | Float | R/W | 0.1 |
| n05 Tn s | 3004 | 150 | 30 | 600 | Integer | R/W | 1 |
| r29 Cond. ref.°C | 140 | 350 | 0 | 2000 | Float | R | 0.1 |
| u44 Sc3 temp | 2562 | 1800 | -1000 | 2000 | Float | R | 0.1 |
| u45 Sc4 temp | 2563 | 1800 | -1000 | 2000 | Float | R | 0.1 |
| Alarm settings | | | | | | | |
| A30 Max. Pc.°C | 10031 | 600 | -100 | 999 | Float | R/W | 0.1 |
| A11 Min. Po.°C | 10012 | -400 | -999 | 300 | Float | R/W | 0.1 |
| A32 Saux1 high | 10033 | 0 | 0 | 1400 | Float | R/W | 0.1 |
| A03 Alarm delay | 10002 | 0 | 0 | 90 | Integer | R/W | 1 |
| A27 DI1AlrmDelay | 10028 | 600 | 1 | 600 | Integer | R/W | 1 |
| A28 DI2AlrmDelay | 10029 | 600 | 1 | 600 | Integer | R/W | 1 |
| A29 DI3AlrmDelay | 10030 | 600 | 1 | 600 | Integer | R/W | 1 |
| --- EKC Error | 2541 | 0 | 0 | 1 | Boolean | R | 1 |
| Miscellaneous | | | | | | | |
| o30 Refrigerant | 2551 | 0 | 0 | 30 | Integer | R/W | 1 |
| o06 sensor type | 2014 | 0 | 0 | 7 | Integer | R/W | 1 |
| o12 50 / 60 Hz | 2029 | 0 | 0 | 1 | Integer | R/W | 1 |
| o20 PoMinTrsPres | 2034 | -10 | -10 | 0 | Float | R/W | 0.1 |
| o21 PoMaxTrsPres | 2033 | 120 | 10 | 400 | Float | R/W | 0.1 |
| o47 PcMinTrsPres | 2066 | -10 | -10 | 0 | Float | R/W | 0.1 |
| o48 PcMaxTrsPres | 2067 | 340 | 10 | 600 | Float | R/W | 0.1 |
| Alarm Destinations | | | | | | | |
| --- Ctrl. fault | 20000 | 0 | 0 | 1 | Boolean | R | 1 |
| --- Out of range | 20001 | 0 | 0 | 1 | Boolean | R | 1 |
| --- Low Po alarm | 20002 | 0 | 0 | 1 | Boolean | R | 1 |
| --- Hi Pc alarm | 20003 | 0 | 0 | 1 | Boolean | R | 1 |
| --- No Rfg Sel | 20004 | 1 | 0 | 1 | Boolean | R | 1 |
| --- DO.1 fault | 20005 | 0 | 0 | 1 | Boolean | R | 1 |
| --- DO.2 fault | 20006 | 0 | 0 | 1 | Boolean | R | 1 |
| --- DO.3 fault | 20007 | 0 | 0 | 1 | Boolean | R | 1 |
| --- DO.4 fault | 20008 | 0 | 0 | 1 | Boolean | R | 1 |
| --- DO.5 fault | 20009 | 0 | 0 | 1 | Boolean | R | 1 |
| --- DO.6 fault | 20010 | 0 | 0 | 1 | Boolean | R | 1 |
| --- DO.7 fault | 20011 | 0 | 0 | 1 | Boolean | R | 1 |
| --- DO.8 fault | 20012 | 0 | 0 | 1 | Boolean | R | 1 |
| --- Saux1 high | 20013 | 0 | 0 | 1 | Boolean | R | 1 |
| --- DI1 alarm | 20014 | 0 | 0 | 1 | Boolean | R | 1 |
| --- DI2 alarm | 20015 | 0 | 0 | 1 | Boolean | R | 1 |
| --- DI3 alarm | 20016 | 0 | 0 | 1 | Boolean | R | 1 |
| --- DI4 alarm | 20017 | 0 | 0 | 1 | Boolean | R | 1 |
| --- DI5 alarm | 20018 | 0 | 0 | 1 | Boolean | R | 1 |
| --- Standby mode | 20019 | 1 | 0 | 1 | Boolean | R | 1 |



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| For Danfoss only | | | | | | | |
| --- DO9 function | 2568 | 0 | 0 | 3 | Integer | R/W | 1 |
| --- DO10function | 2571 | 0 | 0 | 1 | Integer | R/W | 1 |
| --- Rfg. fact a1 | 2548 | 8000 | 8000 | 12000 | Integer | R/W | 1 |
| --- Rfg. Fact a2 | 2549 | -1000 | -4000 | -1000 | Integer | R/W | 1 |
| --- Rfg. Fact a3 | 2550 | 1000 | 1000 | 3000 | Integer | R/W | 1 |
| --- McdPo K | 2564 | 0 | -200 | 200 | Float | R/W | 0.1 |
| --- MLC | 136 | 0 | 0 | 255 | Integer | R/W | 1 |
| --- MaxMCdPo K | 2565 | 30 | -40 | 990 | Integer | R | 1 |
| --- MinMCdPo K | 2566 | -40 | -40 | 990 | Integer | R | 1 |
| --- MC Inject ON | 2567 | 0 | 0 | 1 | Boolean | R | 1 |
| Modul software | 60001 | 110 | 0 | 1000 | Float | R | 0.01 |
| Transceiver type | 60006 | 3 | 0 | 10 | Integer | R | 1 |
| In all Groups | | | | | | | |
| r12 Main Switch | 117 | 1 | 0 | 1 | Boolean | R/W | 1 |
| --- EKC State | 2007 | 10 | 0 | 100 | Integer | R | 1 |
| --- Po °C | 133 | 0 | -1000 | 2000 | Float | R | 0.1 |
| --- Pc °C | 134 | 0 | -1000 | 2000 | Float | R | 0.1 |
| --- Comp.Cap % | 516 | 0 | 0 | 100 | Integer | R | 1 |
| --- Cond.Cap % | 530 | 0 | 0 | 100 | Integer | R | 1 |