



Technical Info | Programming Note

COMBIVERT F6 PRO

Parameter list for Version 3.2

Original manual

Document EN 00

Imprint

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ti_dr_pn-pl-f6p-3-2_en
Version 00 • Edition 04/03/2025

1 Parameter list

The description of the inverter parameters contains the following elements:

| | |
|-------------|---|
| Idx (sub) | Index in Hex (Sub-Index) |
| IDtxt | Parameter designation consisting of parameter group and consecutive numbering. |
| Name | Parameter name, depending on the selected language. |
| C | CAN-Open type |
| | V: VAR |
| | ST: Structure (further sub-parameters are available for structure parameters. This can be seen from the sub-index in the 1. column. |
| | A: Array |
| A | Array length if CAN-Open type is Array. |
| PD | Indicates whether the parameter is available for process data. |
| Type | Variable type of the parameter |
| | Example: UINT8 = unsigned byte; INT16 = Word |
| Lower limit | Lower limit of the value range |
| Upper limit | Upper limit of the value range |
| Default | Standard value |
| SI | Shows the unit of the output value. |
| Mult | Multiplier by which the intrinsic value is multiplied. |
| Div | Divisor by which the intrinsic value is divided. |
| Offset | Offset to the intrinsic value. |
| r/w | rw: Writing and reading of the parameter possible. |
| | ro: Read-only parameters |
| Cu | Customer parameters |
| Sec | Security parameters |
| Sy | System parameters |

| | IDtxt | Name | C | A | PD | Type | Lower limit | Upper limit | Default | SI | Mult | Div | Offset | r/w | Cu | Sec | Sy |
|-----------|-------|-------------------------|---|---|-----|--------|-------------|-------------|---------|----|------|-----|--------|-----|-----|-----|----|
| 2910h (0) | aa16 | user parameter 0 | V | - | yes | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2911h (0) | aa17 | user parameter 1 | V | - | yes | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2912h (0) | aa18 | user parameter 2 | V | - | yes | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2913h (0) | aa19 | user parameter 3 | V | - | yes | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2914h (0) | aa20 | user parameter 4 | V | - | yes | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2915h (0) | aa21 | user parameter 5 | V | - | yes | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2916h (0) | aa22 | user parameter 6 | V | - | yes | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2917h (0) | aa23 | user parameter 7 | V | - | yes | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2918h (0) | aa24 | debug address setting | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2920h (0) | aa32 | int. data 1 access mode | V | - | yes | UINT8 | 0 | 2 | 1 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2921h (0) | aa33 | int. data 1 address | V | - | yes | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |

| | IDtxt | Name | C | A | PD | Type | Lower limit | Upper limit | Default | SI | Mult | Div | Offset | r/w | Cu | Sec | Sy |
|-----------|-------|-------------------------|---|---|-----|--------|-------------|-------------|------------|----|------|------|--------|-----|-----|-----|----|
| 2923h (0) | aa35 | int. data 2 access mode | V | - | yes | UINT8 | 0 | 2 | 1 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2924h (0) | aa36 | int. data 2 address | V | - | yes | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2926h (0) | aa38 | int. data 3 access mode | V | - | yes | UINT8 | 0 | 2 | 1 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2927h (0) | aa39 | int. data 3 address | V | - | yes | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2929h (0) | aa41 | int. data 4 access mode | V | - | yes | UINT8 | 0 | 2 | 1 | - | 1 | 1 | 0 | rw | yes | no | no |
| 292Ah (0) | aa42 | int. data 4 address | V | - | yes | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 292Ch (0) | aa44 | int. data 5 access mode | V | - | yes | UINT8 | 0 | 2 | 2 | - | 1 | 1 | 0 | rw | yes | no | no |
| 292Dh (0) | aa45 | int. data 5 address | V | - | yes | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 292Fh (0) | aa47 | int. data 6 access mode | V | - | yes | UINT8 | 0 | 2 | 2 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2930h (0) | aa48 | int. data 6 address | V | - | yes | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2932h (0) | aa50 | int. data 7 access mode | V | - | yes | UINT8 | 0 | 2 | 2 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2933h (0) | aa51 | int. data 7 address | V | - | yes | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2935h (0) | aa53 | int. data 8 access mode | V | - | yes | UINT8 | 0 | 2 | 2 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2936h (0) | aa54 | int. data 8 address | V | - | yes | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2950h (0) | aa80 | found optimal current | V | - | no | UINT8 | 0 | 1 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2955h (0) | aa85 | period fast irq | V | - | yes | UINT16 | 0 | 65535 | 0 | µs | 1000 | 9375 | 0 | ro | yes | no | no |
| 2956h (0) | aa86 | time fast irq | V | - | yes | UINT16 | 0 | 65535 | 0 | µs | 1000 | 9375 | 0 | ro | yes | no | no |
| 2957h (0) | aa87 | mean time fast irq | V | - | yes | UINT16 | 0 | 65535 | 0 | µs | 1000 | 9375 | 0 | ro | yes | no | no |
| 2958h (0) | aa88 | max time fast irq | V | - | yes | UINT16 | 0 | 0 | 0 | µs | 1000 | 9375 | 0 | rw | yes | no | no |
| 2959h (0) | aa89 | error level fast irq | V | - | no | UINT16 | 0 | 65535 | 1000 | % | 1 | 10 | 0 | rw | no | yes | no |
| 295Ah (0) | aa90 | period mid irq | V | - | yes | UINT16 | 0 | 65535 | 0 | µs | 1000 | 9375 | 0 | ro | yes | no | no |
| 295Bh (0) | aa91 | time mid irq | V | - | yes | UINT16 | 0 | 65535 | 0 | µs | 1000 | 9375 | 0 | ro | yes | no | no |
| 295Ch (0) | aa92 | mean time mid irq | V | - | yes | UINT16 | 0 | 65535 | 0 | µs | 1000 | 9375 | 0 | ro | yes | no | no |
| 295Dh (0) | aa93 | max time mid irq | V | - | yes | UINT16 | 0 | 0 | 0 | µs | 1000 | 9375 | 0 | rw | yes | no | no |
| 295Eh (0) | aa94 | error level mid irq | V | - | no | UINT16 | 0 | 65535 | 1000 | % | 1 | 10 | 0 | rw | no | yes | no |
| 295Fh (0) | aa95 | period slow irq | V | - | yes | UINT16 | 0 | 65535 | 0 | µs | 1000 | 9375 | 0 | ro | yes | no | no |
| 2960h (0) | aa96 | time slow irq | V | - | yes | UINT16 | 0 | 65535 | 0 | µs | 1000 | 9375 | 0 | ro | yes | no | no |
| 2961h (0) | aa97 | mean time slow irq | V | - | yes | UINT16 | 0 | 65535 | 0 | µs | 1000 | 9375 | 0 | ro | yes | no | no |
| 2962h (0) | aa98 | max time slow irq | V | - | yes | UINT16 | 0 | 0 | 0 | µs | 1000 | 9375 | 0 | rw | yes | no | no |
| 2963h (0) | aa99 | error level slow irq | V | - | no | UINT16 | 0 | 65535 | 1000 | % | 1 | 10 | 0 | rw | no | yes | no |
| 2965h (0) | aa101 | time main task | V | - | yes | UINT16 | 0 | 65535 | 0 | ms | 1 | 16 | 0 | ro | yes | no | no |
| 2967h (0) | aa103 | max time main task | V | - | yes | UINT16 | 0 | 0 | 0 | ms | 1 | 16 | 0 | rw | yes | no | no |
| 3A00h (0) | ai00 | freq. ident | V | - | yes | UINT16 | 0 | 65535 | 1000 | Hz | 1 | 1 | 0 | rw | yes | no | no |
| 3A01h (0) | ai01 | freq.decoup | V | - | yes | UINT16 | 0 | 65535 | 500 | Hz | 1 | 1 | 0 | rw | yes | no | no |
| 3A02h (0) | ai02 | amp. ident | V | - | yes | UINT32 | 0 | 2139095039 | 1101004800 | V | 1 | 1 | 0 | rw | yes | no | no |
| 3A03h (0) | ai03 | amp. decoup | V | - | yes | UINT32 | 0 | 2139095039 | 1092616192 | V | 1 | 1 | 0 | rw | yes | no | no |
| 3A04h (0) | ai04 | set RhoDC mode | V | - | yes | UINT8 | 0 | 2 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3A05h (0) | ai05 | RhoDC[°] | V | - | yes | INT32 | -8388609 | 2139095039 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |

| | IDtxt | Name | C | A | PD | Type | Lower limit | Upper limit | Default | SI | Mult | Div | Offset | r/w | Cu | Sec | Sy |
|-----------|-------|---------------------------|---|---|-----|--------|-------------|-------------|---------|----|------|------|--------|-----|-----|-----|----|
| 3A06h (0) | ai06 | lsd ref. | V | - | yes | INT32 | -8388609 | 2139095039 | 0 | A | 1 | 1 | 0 | rw | yes | no | no |
| 3A07h (0) | ai07 | lsq ref. | V | - | yes | INT32 | -8388609 | 2139095039 | 0 | A | 1 | 1 | 0 | rw | yes | no | no |
| 3A08h (0) | ai08 | ident start | V | - | yes | UINT8 | 0 | 2 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3A09h (0) | ai09 | RhoHF[°] | V | - | yes | INT32 | -8388609 | 2139095039 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3A0Ah (0) | ai10 | theta1 | V | - | yes | UINT32 | 0 | 2139095039 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3A0Bh (0) | ai11 | theta2 | V | - | yes | UINT32 | 0 | 2139095039 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3A0Ch (0) | ai12 | theta3 | V | - | yes | UINT32 | 0 | 2139095039 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3A0Dh (0) | ai13 | L | V | - | yes | UINT32 | 0 | 2139095039 | 0 | mH | 1 | 1 | 0 | ro | yes | no | no |
| 3A0Eh (0) | ai14 | ready flag | V | - | yes | UINT8 | 0 | 1 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3A0Fh (0) | ai15 | USearch start | V | - | yes | UINT8 | 0 | 1 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3A10h (0) | ai16 | USearch l ref. | V | - | yes | UINT32 | 0 | 2139095039 | 0 | A | 1 | 1 | 0 | rw | yes | no | no |
| 3A11h (0) | ai17 | USearch result | V | - | yes | UINT32 | 0 | 2139095039 | 0 | V | 1 | 1 | 0 | ro | yes | no | no |
| 3A12h (0) | ai18 | USearch info | V | - | yes | UINT8 | 0 | 4 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3A13h (0) | ai19 | ident coeff. | V | - | yes | UINT8 | 0 | 8 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3A14h (0) | ai20 | Ud | V | - | yes | INT32 | -8388609 | 2139095039 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3A15h (0) | ai21 | Uq | V | - | yes | INT32 | -8388609 | 2139095039 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3A16h (0) | ai22 | Id | V | - | yes | INT32 | -8388609 | 2139095039 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3A17h (0) | ai23 | Iq | V | - | yes | INT32 | -8388609 | 2139095039 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3A18h (0) | ai24 | R | V | - | yes | UINT32 | 0 | 2139095039 | 0 | Ω | 1 | 1 | 0 | ro | yes | no | no |
| 3A19h (0) | ai25 | ai - deadtime mode | V | - | yes | UINT8 | 0 | 1 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3300h (0) | an00 | AN1 interface selection | V | - | yes | UINT8 | 0 | 2 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3301h (0) | an01 | AN1 mean filter | V | - | yes | UINT8 | 0 | 15 | 4 | ms | 1 | 4 | 0 | rw | yes | no | no |
| 3302h (0) | an02 | AN1 PT1 filter | V | - | yes | UINT16 | 0 | 65535 | 1000 | ms | 1 | 1000 | 0 | rw | yes | no | no |
| 3304h (0) | an04 | AN1 zero point hysteresis | V | - | yes | UINT16 | 0 | 1000 | 82 | % | 100 | 4096 | 0 | rw | yes | no | no |
| 3305h (0) | an05 | AN1 gain | V | - | yes | INT16 | -20000 | 20000 | 1000 | - | 1 | 1000 | 0 | rw | yes | no | no |
| 3306h (0) | an06 | AN1 offset X | V | - | yes | INT16 | -4096 | 4096 | 0 | % | 100 | 4096 | 0 | rw | yes | no | no |
| 3307h (0) | an07 | AN1 offset Y | V | - | yes | INT16 | -4096 | 4096 | 0 | % | 100 | 4096 | 0 | rw | yes | no | no |
| 3308h (0) | an08 | AN1 neg limit | V | - | yes | INT16 | -16384 | 16384 | -16384 | % | 100 | 4096 | 0 | rw | yes | no | no |
| 3309h (0) | an09 | AN1 pos limit | V | - | yes | INT16 | -16384 | 16384 | 16384 | % | 100 | 4096 | 0 | rw | yes | no | no |
| 330Ah (0) | an10 | AN2 interface selection | V | - | yes | UINT8 | 0 | 2 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 330Bh (0) | an11 | AN2 mean filter | V | - | yes | UINT8 | 0 | 15 | 4 | ms | 1 | 4 | 0 | rw | yes | no | no |
| 330Ch (0) | an12 | AN2 PT1 filter | V | - | yes | UINT16 | 0 | 65535 | 1000 | ms | 1 | 1000 | 0 | rw | yes | no | no |
| 330Eh (0) | an14 | AN2 zero point hysteresis | V | - | yes | UINT16 | 0 | 1000 | 82 | % | 100 | 4096 | 0 | rw | yes | no | no |
| 330Fh (0) | an15 | AN2 gain | V | - | yes | INT16 | -20000 | 20000 | 1000 | - | 1 | 1000 | 0 | rw | yes | no | no |
| 3310h (0) | an16 | AN2 offset X | V | - | yes | INT16 | -4096 | 4096 | 0 | % | 100 | 4096 | 0 | rw | yes | no | no |
| 3311h (0) | an17 | AN2 offset Y | V | - | yes | INT16 | -4096 | 4096 | 0 | % | 100 | 4096 | 0 | rw | yes | no | no |
| 3312h (0) | an18 | AN2 neg limit | V | - | yes | INT16 | -16384 | 16384 | -16384 | % | 100 | 4096 | 0 | rw | yes | no | no |
| 3313h (0) | an19 | AN2 pos limit | V | - | yes | INT16 | -16384 | 16384 | 16384 | % | 100 | 4096 | 0 | rw | yes | no | no |

| | IDtxt | Name | C | A | PD | Type | Lower limit | Upper limit | Default | SI | Mult | Div | Offset | r/w | Cu | Sec | Sy |
|-----------|-------|-------------------------------|---|---|-----|--------|-------------|-------------|---------|----|------|-----------|--------|-----|-----|-----|----|
| 3315h (0) | an21 | AN3 mean filter | V | - | yes | UINT8 | 0 | 15 | 4 | ms | 1 | 4 | 0 | rw | yes | no | no |
| 3316h (0) | an22 | AN3 PT1 filter | V | - | yes | UINT16 | 0 | 65535 | 1000 | ms | 1 | 1000 | 0 | rw | yes | no | no |
| 3317h (0) | an23 | AN3 zero point hysteresis | V | - | yes | UINT16 | 0 | 1000 | 82 | % | 100 | 4096 | 0 | rw | yes | no | no |
| 3318h (0) | an24 | AN3 gain | V | - | yes | INT16 | -20000 | 20000 | 1000 | - | 1 | 1000 | 0 | rw | yes | no | no |
| 3319h (0) | an25 | AN3 offset X | V | - | yes | INT16 | -4096 | 4096 | 0 | % | 100 | 4096 | 0 | rw | yes | no | no |
| 331Ah (0) | an26 | AN3 offset Y | V | - | yes | INT16 | -4096 | 4096 | 0 | % | 100 | 4096 | 0 | rw | yes | no | no |
| 331Bh (0) | an27 | AN3 neg limit | V | - | yes | INT16 | -16384 | 16384 | -16384 | % | 100 | 4096 | 0 | rw | yes | no | no |
| 331Ch (0) | an28 | AN3 pos limit | V | - | yes | INT16 | -16384 | 16384 | 16384 | % | 100 | 4096 | 0 | rw | yes | no | no |
| 331Eh (0) | an30 | REF and AUX function | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 331Fh (0) | an31 | REF selector | V | - | no | UINT32 | 0 | 16777215 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3320h (0) | an32 | REF norm fact | V | - | yes | INT32 | -2147483647 | 2147483647 | 0 | - | 1 | 10000 | 0 | rw | yes | no | no |
| 3321h (0) | an33 | REF norm status | V | - | yes | UINT8 | 0 | 255 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3322h (0) | an34 | AUX selector | V | - | no | UINT32 | 0 | 16777215 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3323h (0) | an35 | AUX norm fact | V | - | yes | INT32 | -2147483647 | 2147483647 | 0 | - | 1 | 10000 | 0 | rw | yes | no | no |
| 3324h (0) | an36 | AUX norm status | V | - | yes | UINT8 | 0 | 255 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3325h (0) | an37 | ANOUT1 function | V | - | no | UINT8 | 0 | 20 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3326h (0) | an38 | ANOUT1 value | V | - | yes | UINT16 | 0 | 1000 | 0 | % | 1 | 10 | 0 | rw | yes | no | no |
| 3327h (0) | an39 | ANOUT1 gain | V | - | yes | INT16 | -20480 | 20480 | 1024 | - | 1 | 1024 | 0 | rw | yes | no | no |
| 3328h (0) | an40 | ANOUT1 offset X | V | - | yes | INT16 | -32767 | 32767 | 0 | % | 100 | 32767 | 0 | rw | yes | no | no |
| 3329h (0) | an41 | ANOUT1 offset Y | V | - | yes | INT16 | -32767 | 32767 | 0 | % | 100 | 32767 | 0 | rw | yes | no | no |
| 332Ah (0) | an42 | ANOUT2 selector | V | - | no | UINT32 | 0 | 16777215 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 332Bh (0) | an43 | ANOUT2 norm fact | V | - | yes | INT32 | -2147483647 | 2147483647 | 0 | - | 1 | 100000000 | 0 | rw | yes | no | no |
| 332Ch (0) | an44 | ANOUT2 display | V | - | yes | INT32 | -2147483648 | 2147483647 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 332Dh (0) | an45 | ANOUT3 selector | V | - | no | UINT32 | 0 | 16777215 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 332Eh (0) | an46 | ANOUT3 norm fact | V | - | yes | INT32 | -2147483647 | 2147483647 | 0 | - | 1 | 100000000 | 0 | rw | yes | no | no |
| 332Fh (0) | an47 | ANOUT3 display | V | - | yes | INT32 | -2147483648 | 2147483647 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 333Ch (0) | an60 | PID Kp | V | - | yes | INT32 | 0 | 2147483647 | 10000 | - | 1 | 10000 | 0 | rw | yes | no | no |
| 333Dh (0) | an61 | PID Tn | V | - | yes | INT32 | 0 | 2147483647 | 33000 | ms | 1 | 1000 | 0 | rw | yes | no | no |
| 333Eh (0) | an62 | PID Kd | V | - | yes | INT32 | 0 | 2147483647 | 0 | - | 1 | 10000 | 0 | rw | yes | no | no |
| 333Fh (0) | an63 | PID positive limit | V | - | yes | INT16 | 0 | 16384 | 4096 | % | 100 | 4096 | 0 | rw | yes | no | no |
| 3340h (0) | an64 | PID negative limit | V | - | yes | INT16 | -16384 | 0 | -4096 | % | 100 | 4096 | 0 | rw | yes | no | no |
| 3341h (0) | an65 | PID reference offset | V | - | yes | INT16 | -16384 | 16384 | 0 | % | 100 | 4096 | 0 | rw | yes | no | no |
| 3342h (0) | an66 | PID reference source | V | - | yes | UINT8 | 0 | 5 | 0 | % | 1 | 1 | 0 | rw | yes | no | no |
| 3343h (0) | an67 | PID actual value setting | V | - | yes | INT16 | -16384 | 16384 | 0 | % | 100 | 4096 | 0 | rw | yes | no | no |
| 3344h (0) | an68 | PID actual value source | V | - | yes | UINT8 | 0 | 12 | 0 | % | 1 | 1 | 0 | rw | yes | no | no |
| 3345h (0) | an69 | PID internal reset condition | V | - | yes | UINT32 | 0 | 268435455 | 262111 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3346h (0) | an70 | PID reset integral term input | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |

| | IDtxt | Name | C | A | PD | Type | Lower limit | Upper limit | Default | SI | Mult | Div | Offset | r/w | Cu | Sec | Sy |
|-----------|-------|----------------------------|---|---|-----|--------|-------------|-------------|---------|-----------|------|------|--------|-----|-----|-----|----|
| 3347h (0) | an71 | PID deactivation input | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3348h (0) | an72 | PID preload value | V | - | yes | INT16 | -16384 | 16384 | 0 | % | 100 | 4096 | 0 | rw | yes | no | no |
| 3349h (0) | an73 | PID fade out input | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 334Ah (0) | an74 | PID fade out time | V | - | yes | INT32 | 0 | 2147483647 | 0 | s | 1 | 1000 | 0 | rw | yes | no | no |
| 3B17h (0) | cm23 | min limit for motor poti | V | - | yes | UINT16 | 0 | 10000 | 0 | % | 1 | 100 | 0 | rw | yes | no | no |
| 3B18h (0) | cm24 | max limit for motor poti | V | - | yes | UINT16 | 0 | 10000 | 10000 | % | 1 | 100 | 0 | rw | yes | no | no |
| 3B19h (0) | cm25 | min limit rev motor poti | V | - | yes | UINT16 | 0 | 10000 | 0 | % | 1 | 100 | 0 | rw | yes | no | no |
| 3B1Ah (0) | cm26 | max limit rev motor poti | V | - | yes | UINT16 | 0 | 10000 | 10000 | % | 1 | 100 | 0 | rw | yes | no | no |
| 3B1Bh (0) | cm27 | motor poti ref value | V | - | yes | UINT32 | 0 | 128000 | 1000 | 1/ min | 1 | 1 | 0 | rw | yes | no | no |
| 3B1Ch (0) | cm28 | motor poti reset value | V | - | yes | INT16 | -10000 | 10000 | 0 | % | 1 | 100 | 0 | rw | yes | no | no |
| 3B1Dh (0) | cm29 | motor poti inc gain [%/s] | V | - | yes | UINT16 | 0 | 65535 | 10 | - | 1 | 100 | 0 | rw | yes | no | no |
| 3B1Eh (0) | cm30 | motor poti dec gain [%/s] | V | - | yes | UINT16 | 0 | 65535 | 10 | - | 1 | 100 | 0 | rw | yes | no | no |
| 3B1Fh (0) | cm31 | inc motor poti input | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3B20h (0) | cm32 | dec motor poti input | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3B21h (0) | cm33 | reset motor poti input | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3B22h (0) | cm34 | activate jog mode | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3B23h (0) | cm35 | jog positive | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3B24h (0) | cm36 | jog negative | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3B25h (0) | cm37 | activate jog speed 2 | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3B26h (0) | cm38 | jog step mode | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3B29h (0) | cm41 | jog speed 1 positive | V | - | yes | UINT32 | 0 | 128000 | 0 | 1/ min | 1 | 1 | 0 | rw | yes | no | no |
| 3B2Ah (0) | cm42 | jog speed 1 negative | V | - | yes | UINT32 | 0 | 128000 | 0 | 1/ min | 1 | 1 | 0 | rw | yes | no | no |
| 3B2Bh (0) | cm43 | jog speed 2 positive | V | - | yes | UINT32 | 0 | 128000 | 0 | 1/ min | 1 | 1 | 0 | rw | yes | no | no |
| 3B2Ch (0) | cm44 | jog speed 2 negative | V | - | yes | UINT32 | 0 | 128000 | 0 | 1/ min | 1 | 1 | 0 | rw | yes | no | no |
| 3B2Dh (0) | cm45 | jog step distance | V | - | yes | UINT32 | 0 | 2147483647 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3B2Eh (0) | cm46 | jog mode options | V | - | no | UINT16 | 0 | 63 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3B30h (0) | cm48 | jog acceleration for [s-2] | V | - | yes | INT32 | 1 | 1747626666 | 2000 | - | 1 | 100 | 0 | rw | yes | no | no |
| 3B31h (0) | cm49 | jog deceleration for [s-2] | V | - | yes | INT32 | 1 | 1747626666 | 2000 | - | 1 | 100 | 0 | rw | yes | no | no |
| 3B32h (0) | cm50 | jog acceleration rev [s-2] | V | - | yes | INT32 | 1 | 1747626666 | 2000 | - | 1 | 100 | 0 | rw | yes | no | no |
| 3B33h (0) | cm51 | jog deceleration rev [s-2] | V | - | yes | INT32 | 1 | 1747626666 | 2000 | - | 1 | 100 | 0 | rw | yes | no | no |
| 3B34h (0) | cm52 | jog for acc jerk ls [s-3] | V | - | yes | INT32 | 50 | 104857600 | 10000 | - | 1 | 100 | 0 | rw | yes | no | no |
| 3B35h (0) | cm53 | jog for acc jerk hs [s-3] | V | - | yes | INT32 | 50 | 104857600 | 10000 | - | 1 | 100 | 0 | rw | yes | no | no |
| 3B36h (0) | cm54 | jog for dec jerk hs [s-3] | V | - | yes | INT32 | 50 | 104857600 | 10000 | - | 1 | 100 | 0 | rw | yes | no | no |
| 3B37h (0) | cm55 | jog for dec jerk ls [s-3] | V | - | yes | INT32 | 50 | 104857600 | 10000 | - | 1 | 100 | 0 | rw | yes | no | no |
| 3B38h (0) | cm56 | jog rev acc jerk ls [s-3] | V | - | yes | INT32 | 50 | 104857600 | 10000 | - | 1 | 100 | 0 | rw | yes | no | no |

| | IDtxt | Name | C | A | PD | Type | Lower limit | Upper limit | Default | SI | Mult | Div | Offset | r/w | Cu | Sec | Sy |
|-----------|-------|---------------------------------|---|---|-----|--------|-------------|-------------|---------|-----------|------|-------|--------|-----|-----|-----|----|
| 3B39h (0) | cm57 | jog rev acc jerk hs [s-3] | V | - | yes | INT32 | 50 | 104857600 | 10000 | - | 1 | 100 | 0 | rw | yes | no | no |
| 3B3Ah (0) | cm58 | jog rev dec jerk hs [s-3] | V | - | yes | INT32 | 50 | 104857600 | 10000 | - | 1 | 100 | 0 | rw | yes | no | no |
| 3B3Bh (0) | cm59 | jog rev dec jerk ls [s-3] | V | - | yes | INT32 | 50 | 104857600 | 10000 | - | 1 | 100 | 0 | rw | yes | no | no |
| 3B3Ch (0) | cm60 | jog ramp mode | V | - | yes | UINT8 | 0 | 255 | 8 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3B3Dh (0) | cm61 | jog mode state | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3B3Eh (0) | cm62 | motor poti actual value | V | - | yes | INT16 | 0 | 10000 | 0 | % | 1 | 100 | 0 | ro | yes | no | no |
| 2500h (0) | co00 | (CiA 0x6040) controlword | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2501h (0) | co01 | (CiA 0x6060) modes of operation | V | - | yes | INT8 | -2 | 10 | 2 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2502h (0) | co02 | velocity shift factor | V | - | no | UINT8 | 0 | 13 | 10 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2503h (0) | co03 | position rot.scale (bit) | V | - | yes | UINT16 | 2 | 30 | 16 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2504h (0) | co04 | position source | V | - | yes | UINT8 | 0 | 6 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2505h (0) | co05 | speed control source | V | - | no | UINT8 | 0 | 1 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2506h (0) | co06 | system inversion | V | - | yes | UINT8 | 0 | 2 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2507h (0) | co07 | non volatile memory state | V | - | no | UINT8 | 0 | 1 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2508h (0) | co08 | reset options | V | - | no | UINT8 | 0 | 3 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2509h (0) | co09 | reset ctrl | V | - | no | UINT16 | 0 | 1 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 250Ah (0) | co10 | position interpolator | V | - | no | UINT8 | 0 | 31 | 4 | - | 1 | 1 | 0 | rw | yes | no | no |
| 250Bh (0) | co11 | velocity interpolator | V | - | no | UINT8 | 0 | 31 | 4 | - | 1 | 1 | 0 | rw | yes | no | no |
| 250Ch (0) | co12 | torque interpolator | V | - | no | UINT8 | 0 | 31 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 250Dh (0) | co13 | pos. pre control | V | - | yes | UINT32 | 0 | 150000 | 0 | µs | 1 | 1 | 0 | rw | yes | no | no |
| 250Fh (0) | co15 | (CiA 0x6071) target torque | V | - | yes | INT16 | -32767 | 32767 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2510h (0) | co16 | (CiA 0x60FF) target velocity | V | - | yes | INT32 | -2147483647 | 2147483647 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2511h (0) | co17 | (CiA 0x60B1) velocity offset | V | - | yes | INT32 | -2147483647 | 2147483647 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2512h (0) | co18 | (CiA 0x60B2) torque offset | V | - | yes | INT16 | -32767 | 32767 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2513h (0) | co19 | (CiA 0x607A) target position | V | - | yes | INT32 | -2147483648 | 2147483647 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2514h (0) | co20 | internal pretorque fact | V | - | yes | UINT32 | 0 | 655360 | 65536 | % | 25 | 16384 | 0 | rw | yes | no | no |
| 2515h (0) | co21 | brake ctrl mode | V | - | no | UINT16 | 0 | 2047 | 16 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2516h (0) | co22 | brake ctrl open delay | V | - | no | UINT16 | 0 | 10000 | 0 | ms | 1 | 1 | 0 | rw | yes | no | no |
| 2517h (0) | co23 | brake ctrl open time | V | - | no | UINT16 | 0 | 10000 | 0 | ms | 1 | 1 | 0 | rw | yes | no | no |
| 2518h (0) | co24 | brake ctrl closing delay | V | - | no | UINT16 | 0 | 10000 | 0 | ms | 1 | 1 | 0 | rw | yes | no | no |
| 2519h (0) | co25 | brake ctrl closing time | V | - | no | UINT16 | 0 | 10000 | 0 | ms | 1 | 1 | 0 | rw | yes | no | no |
| 251Ah (0) | co26 | brake ctrl | S | - | yes | UINT8 | 6 | 6 | 6 | - | 1 | 1 | 0 | ro | yes | no | no |
| 251Ah (1) | co26 | start speed | V | - | yes | INT32 | -128000 | 128000 | 0 | 1/ min | 1 | 1 | 0 | rw | yes | no | no |
| 251Ah (2) | co26 | stop speed | V | - | yes | INT32 | -128000 | 128000 | 0 | 1/ min | 1 | 1 | 0 | rw | yes | no | no |
| 251Ah (3) | co26 | pre torque setting | V | - | yes | INT16 | -32767 | 32767 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 251Ah (4) | co26 | speed ctrl (KI) adaption | V | - | yes | UINT32 | 0 | 100000 | 1000 | % | 1 | 10 | 0 | rw | yes | no | no |
| 251Ah (5) | co26 | fadeout reducing time | V | - | no | UINT16 | 0 | 10000 | 0 | ms | 1 | 1 | 0 | rw | yes | no | no |

| | IDtxt | Name | C | A | PD | Type | Lower limit | Upper limit | Default | SI | Mult | Div | Offset | r/w | Cu | Sec | Sy |
|-----------|-------|--------------------------------------|---|----|-----|--------|-------------|-------------|---------|----|------|-------|--------|-----|-----|-----|----|
| 251Ah (6) | co26 | fadeout zero time | V | - | no | UINT16 | 0 | 10000 | 0 | ms | 1 | 1 | 0 | rw | yes | no | no |
| 251Bh (0) | co27 | phase check ctrl | S | - | yes | UINT8 | 6 | 6 | 6 | - | 1 | 1 | 0 | ro | yes | no | no |
| 251Bh (1) | co27 | phase check mode | V | - | yes | UINT8 | 0 | 9 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 251Bh (2) | co27 | error level information | V | - | yes | UINT16 | 0 | 65535 | 0 | % | 1 | 100 | 0 | ro | yes | no | no |
| 251Bh (4) | co27 | ASM phase check current [%In] | V | - | yes | UINT16 | 250 | 2000 | 500 | % | 1 | 10 | 0 | rw | yes | no | no |
| 251Bh (5) | co27 | SM/IPM/SRM phase check current [%In] | V | - | yes | UINT16 | 250 | 2000 | 250 | % | 1 | 10 | 0 | rw | yes | no | no |
| 251Bh (6) | co27 | current filter times | V | - | yes | UINT8 | 0 | 8 | 4 | - | 1 | 1 | 0 | rw | yes | no | no |
| 251Ch (0) | co28 | combined controlword mask | A | 3 | no | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 251Dh (0) | co29 | source connect type | A | 3 | no | UINT32 | 0 | 4194304 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 251Eh (0) | co30 | controlword mask | V | - | no | UINT16 | 0 | 65535 | 65535 | - | 1 | 1 | 0 | rw | yes | no | no |
| 251Fh (0) | co31 | controlword internal | V | - | no | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2520h (0) | co32 | state machine properties | V | - | no | UINT16 | 0 | 16383 | 78 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2521h (0) | co33 | ctrlword mirror bit | V | - | no | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2522h (0) | co34 | statusword mirror bit | V | - | no | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2524h (0) | co36 | inertia reducing mode | V | - | yes | UINT8 | 0 | 23 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2525h (0) | co37 | inertia reduce fact | A | 64 | no | UINT8 | 0 | 255 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2526h (0) | co38 | inertia derivation fact | A | 64 | no | INT8 | -127 | 127 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2527h (0) | co39 | inertia derivation [kg*cm^2] | V | - | yes | INT32 | 0 | 2147483647 | 0 | - | 1 | 100 | 0 | rw | yes | no | no |
| 2528h (0) | co40 | weight comp fact | A | 64 | no | INT8 | -127 | 127 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2529h (0) | co41 | weight comp torque | V | - | yes | INT16 | 0 | 32767 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 252Ah (0) | co42 | speed angle offset | V | - | yes | INT32 | -57266231 | 57266231 | 0 | μs | 50 | 28633 | 0 | rw | yes | no | no |
| 252Bh (0) | co43 | speed ctrl reduce fact | A | 64 | no | UINT8 | 0 | 255 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2530h (0) | co48 | acceleration for [s-2] | V | - | yes | INT32 | 1 | 1747626666 | 2000 | - | 1 | 100 | 0 | rw | yes | no | no |
| 2531h (0) | co49 | deceleration for [s-2] | V | - | yes | INT32 | 1 | 1747626666 | 2000 | - | 1 | 100 | 0 | rw | yes | no | no |
| 2532h (0) | co50 | acceleration rev [s-2] | V | - | yes | INT32 | 1 | 1747626666 | 2000 | - | 1 | 100 | 0 | rw | yes | no | no |
| 2533h (0) | co51 | deceleration rev [s-2] | V | - | yes | INT32 | 1 | 1747626666 | 2000 | - | 1 | 100 | 0 | rw | yes | no | no |
| 2534h (0) | co52 | for acc jerk ls [s-3] | V | - | yes | INT32 | 50 | 104857600 | 10000 | - | 1 | 100 | 0 | rw | yes | no | no |
| 2535h (0) | co53 | for acc jerk hs [s-3] | V | - | yes | INT32 | 50 | 104857600 | 10000 | - | 1 | 100 | 0 | rw | yes | no | no |
| 2536h (0) | co54 | for dec jerk hs [s-3] | V | - | yes | INT32 | 50 | 104857600 | 10000 | - | 1 | 100 | 0 | rw | yes | no | no |
| 2537h (0) | co55 | for dec jerk ls [s-3] | V | - | yes | INT32 | 50 | 104857600 | 10000 | - | 1 | 100 | 0 | rw | yes | no | no |
| 2538h (0) | co56 | rev acc jerk ls [s-3] | V | - | yes | INT32 | 50 | 104857600 | 10000 | - | 1 | 100 | 0 | rw | yes | no | no |
| 2539h (0) | co57 | rev acc jerk hs [s-3] | V | - | yes | INT32 | 50 | 104857600 | 10000 | - | 1 | 100 | 0 | rw | yes | no | no |
| 253Ah (0) | co58 | rev dec jerk hs [s-3] | V | - | yes | INT32 | 50 | 104857600 | 10000 | - | 1 | 100 | 0 | rw | yes | no | no |
| 253Bh (0) | co59 | rev dec jerk ls [s-3] | V | - | yes | INT32 | 50 | 104857600 | 10000 | - | 1 | 100 | 0 | rw | yes | no | no |
| 253Ch (0) | co60 | ramp mode | V | - | yes | UINT8 | 0 | 255 | 1 | - | 1 | 1 | 0 | rw | yes | no | no |
| 253Dh (0) | co61 | torque lim mode | V | - | yes | UINT16 | 0 | 8191 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 253Eh (0) | co62 | selectable stop mode torque | V | - | yes | INT16 | 0 | 10000 | 1000 | % | 1 | 10 | 0 | rw | yes | no | no |
| 253Fh (0) | co63 | dM/dt limit [Mn%/ms] | V | - | yes | INT16 | 0 | 10000 | 0 | % | 1 | 100 | 0 | rw | yes | no | no |

| | IDtxt | Name | C | A | PD | Type | Lower limit | Upper limit | Default | SI | Mult | Div | Offset | r/w | Cu | Sec | Sy |
|------------|-------|----------------------------------|---|---|-----|--------|-------------|-------------|---------|----|------|-------|--------|-----|-----|-----|----|
| 2553h (0) | co83 | non volatile memory mode | V | - | no | UINT8 | 0 | 1 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2554h (0) | co84 | torque resolution | V | - | no | UINT8 | 0 | 4 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2700h (0) | cs00 | control mode | V | - | no | UINT8 | 0 | 19 | 16 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2701h (0) | cs01 | KP speed [%Mn/rpm] | V | - | no | UINT32 | 0 | 10737418 | 100 | - | 1 | 10000 | 0 | rw | yes | no | no |
| 2703h (0) | cs03 | variable KP speed gain | V | - | no | UINT16 | 0 | 10240 | 0 | - | 1 | 1024 | 0 | rw | yes | no | no |
| 2704h (0) | cs04 | var.KP speed max. offset | V | - | no | UINT16 | 0 | 5120 | 0 | % | 100 | 1024 | 0 | rw | yes | no | no |
| 2705h (0) | cs05 | Tn speed | V | - | no | UINT32 | 0 | 1073741823 | 250 | ms | 1 | 1000 | 0 | rw | yes | no | no |
| 2706h (0) | cs06 | variable KP speed offset | V | - | no | UINT16 | 0 | 65535 | 0 | % | 1 | 10 | 0 | rw | yes | no | no |
| 2707h (0) | cs07 | variable KI speed offset | V | - | no | UINT16 | 0 | 65535 | 0 | % | 1 | 10 | 0 | rw | yes | no | no |
| 2708h (0) | cs08 | speed for max. KP/KI | V | - | no | UINT16 | 0 | 10000 | 50 | % | 1 | 10 | 0 | rw | yes | no | no |
| 2709h (0) | cs09 | speed for normal KP/KI | V | - | no | UINT16 | 0 | 10000 | 100 | % | 1 | 10 | 0 | rw | yes | no | no |
| 270Ch (0) | cs12 | (CiA 0x6072) max torque | V | - | yes | UINT16 | 0 | 10000 | 2000 | % | 1 | 10 | 0 | rw | yes | no | no |
| 270Dh (0) | cs13 | torque limit mot. for. | V | - | yes | INT16 | 0 | 10000 | 5000 | % | 1 | 10 | 0 | rw | yes | no | no |
| 270Eh (0) | cs14 | torque limit mot. rev. | V | - | yes | INT16 | -1 | 10000 | -1 | % | 1 | 10 | 0 | rw | yes | no | no |
| 270Fh (0) | cs15 | torque limit gen. for. | V | - | yes | INT16 | -2 | 10000 | -2 | % | 1 | 10 | 0 | rw | yes | no | no |
| 2710h (0) | cs16 | torque limit gen. rev. | V | - | yes | INT16 | -2 | 10000 | -2 | % | 1 | 10 | 0 | rw | yes | no | no |
| 2711h (0) | cs17 | inertia load (kg*cm^2) | V | - | no | UINT32 | 0 | 2000000000 | 0 | - | 1 | 100 | 0 | rw | yes | no | no |
| 2712h (0) | cs18 | ref. position PT1-time | V | - | yes | UINT16 | 0 | 60000 | 0 | ms | 1 | 1000 | 0 | rw | yes | no | no |
| 2713h (0) | cs19 | ref. speed PT1-time | V | - | yes | UINT16 | 0 | 60000 | 0 | ms | 1 | 1000 | 0 | rw | yes | no | no |
| 2714h (0) | cs20 | torque ref. PT1-time | V | - | no | UINT16 | 0 | 60000 | 1000 | ms | 1 | 1000 | 0 | rw | yes | no | no |
| 2715h (0) | cs21 | pretorque mode | V | - | no | UINT16 | 0 | 2 | 2 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2716h (0) | cs22 | pretorque PT1-time | V | - | yes | UINT16 | 0 | 60000 | 0 | ms | 1 | 1000 | 0 | rw | yes | no | no |
| 2717h (0) | cs23 | pretorque delta time | V | - | no | UINT16 | 1 | 8 | 4 | ms | 1000 | 4000 | 0 | rw | yes | no | no |
| 2718h (0) | cs24 | pretorque factor | V | - | yes | UINT16 | 0 | 60000 | 1000 | % | 1 | 10 | 0 | rw | yes | no | no |
| 2719h (0) | cs25 | speed ctrl (KP) adaption | V | - | yes | UINT16 | 0 | 8000 | 1000 | % | 1 | 10 | 0 | rw | yes | no | no |
| 271Ah (0) | cs26 | speed ctrl (KI) adaption | V | - | yes | UINT16 | 0 | 8000 | 1000 | % | 1 | 10 | 0 | rw | yes | no | no |
| 271Bh (0) | cs27 | speed ctrl KP/KI adapt mode | V | - | no | UINT8 | 0 | 1 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2763h (0) | cs99 | optimisation factor | V | - | no | UINT8 | 19 | 100 | 40 | - | 1 | 10 | 0 | rw | yes | no | no |
| 3911h (0) | cu17 | C Uic (uF) | V | - | no | UINT32 | 0 | 2000000000 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3920h (0) | cu32 | power off | S | - | yes | UINT8 | 12 | 12 | 12 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3920h (1) | cu32 | power off mode | V | - | no | UINT16 | 0 | 21 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3920h (2) | cu32 | DC voltage trigger level [ru63%] | V | - | no | UINT16 | 0 | 2000 | 800 | % | 1 | 10 | 0 | rw | yes | no | no |
| 3920h (3) | cu32 | DC voltage ref. [ru63%] | V | - | no | UINT16 | 0 | 3000 | 880 | % | 1 | 10 | 0 | rw | yes | no | no |
| 3920h (4) | cu32 | restart speed level [Nn%] | V | - | no | UINT16 | 0 | 10000 | 150 | % | 1 | 10 | 0 | rw | yes | no | no |
| 3920h (5) | cu32 | stopping speed level [Nn%] | V | - | no | UINT16 | 0 | 10000 | 100 | % | 1 | 10 | 0 | rw | yes | no | no |
| 3920h (6) | cu32 | deactivation time | V | - | no | UINT16 | 0 | 60000 | 100 | s | 1 | 100 | 0 | rw | yes | no | no |
| 3920h (7) | cu32 | power off state | V | - | yes | UINT8 | 0 | 11 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3920h (10) | cu32 | torque limit Uic gen. | V | - | no | INT16 | -1 | 10000 | 1000 | % | 1 | 10 | 0 | rw | yes | no | no |

| | IDtxt | Name | C | A | PD | Type | Lower limit | Upper limit | Default | SI | Mult | Div | Offset | r/w | Cu | Sec | Sy |
|------------|-------|--|---|---|-----|--------|-------------|-------------|---------|---------|------|------|--------|-----|-----|-----|----|
| 3920h (11) | cu32 | torque limit Uic mot. | V | - | no | INT16 | -1 | 10000 | 100 | % | 1 | 10 | 0 | rw | yes | no | no |
| 3920h (12) | cu32 | optimisation factor | V | - | no | UINT8 | 19 | 100 | 40 | - | 1 | 10 | 0 | rw | yes | no | no |
| 3600h (0) | dd00 | rotor detection | V | - | yes | UINT16 | 0 | 2047 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3601h (0) | dd01 | SCL rotor detection | V | - | yes | UINT16 | 0 | 511 | 107 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3602h (0) | dd02 | rotor detection current | V | - | yes | UINT16 | 1 | 3999 | 1000 | % | 1 | 10 | 0 | rw | yes | no | no |
| 3603h (0) | dd03 | cvv current ramping time | V | - | yes | UINT16 | 0 | 16000 | 500 | ms | 1 | 1 | 0 | rw | yes | no | no |
| 3604h (0) | dd04 | cvv waiting time | V | - | yes | UINT16 | 0 | 16000 | 3000 | ms | 1 | 1 | 0 | rw | yes | no | no |
| 3605h (0) | dd05 | enc. rotor detection state | V | - | yes | UINT8 | 0 | 2 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3607h (0) | dd07 | rotor det. 1.order level | V | - | yes | UINT16 | 1 | 500 | 50 | % | 1 | 10 | 0 | rw | yes | no | no |
| 3608h (0) | dd08 | rot. det. inf. (1.order) | V | - | yes | UINT16 | 0 | 1000 | 0 | % | 1 | 10 | 0 | ro | yes | no | no |
| 3609h (0) | dd09 | rotor det. 2.order level | V | - | yes | UINT16 | 1 | 500 | 200 | % | 1 | 10 | 0 | rw | yes | no | no |
| 360Ah (0) | dd10 | rot. det. inf. (2.order) | V | - | yes | UINT16 | 0 | 1000 | 0 | % | 1 | 10 | 0 | ro | yes | no | no |
| 3610h (0) | dd16 | speed search mode | V | - | no | UINT16 | 0 | 5 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3612h (0) | dd18 | speed search current[In] | V | - | no | UINT16 | 0 | 1999 | 500 | % | 1 | 10 | 0 | rw | yes | no | no |
| 3615h (0) | dd21 | hf injection mode | V | - | no | UINT16 | 0 | 1 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3616h (0) | dd22 | hf inj. frequency | V | - | no | UINT16 | 5 | 20 | 10 | kH Z | 1 | 10 | 0 | rw | yes | no | no |
| 3617h (0) | dd23 | hf inj. optimisation factor | V | - | no | UINT16 | 19 | 100 | 20 | - | 1 | 10 | 0 | rw | yes | no | no |
| 3618h (0) | dd24 | hf inj. ampl. factor | V | - | no | UINT16 | 250 | 1999 | 1000 | % | 1 | 10 | 0 | rw | yes | no | no |
| 3619h (0) | dd25 | hf inj. speed ctrl red. factor | V | - | no | UINT16 | 100 | 1000 | 1000 | % | 1 | 10 | 0 | rw | yes | no | no |
| 361Ah (0) | dd26 | hf inj. scan time | V | - | no | INT16 | -1 | 7 | -1 | - | 1 | 1 | 0 | rw | yes | no | no |
| 361Bh (0) | dd27 | hf inj. angle precontrol mode | V | - | no | UINT16 | 0 | 1 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 361Ch (0) | dd28 | hf inj. angle prec. factor [° @ InMot] | V | - | no | INT16 | -1800 | 1800 | 0 | - | 1 | 10 | 0 | rw | yes | no | no |
| 361Dh (0) | dd29 | hf inj. dev. time | V | - | no | UINT32 | 0 | 64000 | 0 | ms | 1 | 1000 | 0 | rw | yes | no | no |
| 361Eh (0) | dd30 | hf inj. diff. rho current res. [°] | V | - | yes | INT16 | -32768 | 32767 | 0 | - | 1 | 100 | 0 | ro | yes | no | no |
| 2008h (0) | de08 | device configuration ID | V | - | no | UINT16 | 0 | 32767 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 200Ah (0) | de10 | operator cfg data | S | - | no | UINT8 | 18 | 18 | 18 | - | 1 | 1 | 0 | ro | yes | no | no |
| 200Ah (1) | de10 | idx start object | V | - | no | INT32 | 0 | 2147483647 | 11265 | - | 1 | 1 | 0 | rw | yes | no | no |
| 200Ah (2) | de10 | supported baud rates | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 200Ah (3) | de10 | baud rate addr. | V | - | no | INT32 | -1 | 32767 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 200Ah (4) | de10 | sw version addr. | V | - | no | INT32 | -1 | 2147483647 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 200Ah (5) | de10 | sw date addr. | V | - | no | INT32 | -1 | 2147483647 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 200Ah (6) | de10 | supported services 31-0 | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 200Ah (7) | de10 | supported services 63-32 | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 200Ah (8) | de10 | watchdog addr. | V | - | no | INT32 | -1 | 2147483647 | 10773 | - | 1 | 1 | 0 | ro | yes | no | no |
| 200Ah (9) | de10 | com mode | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 200Ah (10) | de10 | Node Id object | V | - | no | INT32 | -1 | 2147483647 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 200Ah (11) | de10 | MAC address object | V | - | no | INT32 | -1 | 2147483647 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |

| | IDtxt | Name | C | A | PD | Type | Lower limit | Upper limit | Default | SI | Mult | Div | Offset | r/w | Cu | Sec | Sy |
|------------|-------|--|---|---|-----|--------|-------------|-------------|---------|---------|------|-----|--------|-----|-----|-----|----|
| 200Ah (12) | de10 | IP address object | V | - | no | INT32 | -1 | 2147483647 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 200Ah (13) | de10 | IP subnet mask object | V | - | no | INT32 | -1 | 2147483647 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 200Ah (14) | de10 | IP gateway address object | V | - | no | INT32 | -1 | 2147483647 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 200Ah (15) | de10 | IP scan name object | V | - | no | INT32 | -1 | 2147483647 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 200Ah (16) | de10 | EoE IP address object | V | - | no | INT32 | -1 | 2147483647 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 200Ah (17) | de10 | EoE IP subnet mask object | V | - | no | INT32 | -1 | 2147483647 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 200Ah (18) | de10 | EoE IP gateway address object | V | - | no | INT32 | -1 | 2147483647 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 200Dh (0) | de13 | ctrl hw type | V | - | no | UINT32 | 0 | 2147483647 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 200Fh (0) | de15 | ctrl type | V | - | no | UINT32 | 0 | 2147483647 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2010h (0) | de16 | ctrl software version | V | - | no | UINT32 | 0 | 2147483647 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2011h (0) | de17 | ctrl software date | V | - | no | UINT32 | 0 | 2147483647 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2014h (0) | de20 | M3 code state | V | - | no | UINT16 | 0 | 1 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2015h (0) | de21 | file system | S | - | yes | UINT8 | 4 | 4 | 4 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2015h (1) | de21 | max bytes | V | - | yes | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2015h (2) | de21 | used bytes | V | - | yes | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2015h (3) | de21 | max files | V | - | yes | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2015h (4) | de21 | used files | V | - | yes | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2018h (0) | de24 | power software version | V | - | no | UINT32 | 0 | 2147483647 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2019h (0) | de25 | power software date | V | - | no | UINT32 | 0 | 2147483647 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 201Ah (0) | de26 | saved inverter data ID | V | - | no | INT32 | -1 | 2147483647 | -1 | - | 1 | 1 | 0 | ro | yes | no | no |
| 201Bh (0) | de27 | inverter data ID | V | - | no | INT32 | -1 | 2147483647 | -1 | - | 1 | 1 | 0 | rw | no | yes | no |
| 201Ch (0) | de28 | inverter rated current | V | - | no | UINT32 | 0 | 2147483647 | 0 | A | 1 | 100 | 0 | ro | yes | no | no |
| 201Dh (0) | de29 | inverter maximum current | V | - | no | UINT32 | 0 | 2147483647 | 0 | A | 1 | 100 | 0 | ro | yes | no | no |
| 201Eh (0) | de30 | inverter rated voltage | V | - | no | UINT16 | 0 | 65535 | 0 | V | 1 | 10 | 0 | ro | yes | no | no |
| 201Fh (0) | de31 | inverter maximum DC voltage | V | - | no | UINT16 | 0 | 65535 | 0 | V | 1 | 10 | 0 | ro | yes | no | no |
| 2020h (0) | de32 | inverter minimum DC voltage | V | - | no | UINT16 | 0 | 65535 | 0 | V | 1 | 10 | 0 | ro | yes | no | no |
| 2021h (0) | de33 | inverter rated switching frequency | V | - | no | UINT16 | 0 | 65535 | 0 | kH z | 1 | 100 | 0 | ro | yes | no | no |
| 2022h (0) | de34 | inverter maximum switching frequency | V | - | no | UINT16 | 0 | 65535 | 0 | kH z | 1 | 100 | 0 | ro | yes | no | no |
| 2023h (0) | de35 | inverter intermed. circuit capacity [uF] | V | - | no | UINT16 | 0 | 65535 | 65535 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2024h (0) | de36 | braking transistor default level | V | - | no | UINT16 | 0 | 65535 | 65535 | V | 1 | 10 | 0 | ro | yes | no | no |
| 2025h (0) | de37 | saved safety serial number | V | - | no | INT32 | -1 | 2147483647 | -1 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2027h (0) | de39 | saved safety type | V | - | no | INT32 | -1 | 2147483647 | -1 | - | 1 | 1 | 0 | ro | yes | no | no |
| 202Ah (0) | de42 | safety software version | V | - | no | UINT32 | 0 | 2147483647 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 202Bh (0) | de43 | safety software date | V | - | no | UINT32 | 0 | 2147483647 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 202Ch (0) | de44 | KTY software version | V | - | no | UINT32 | 0 | 2147483647 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 202Dh (0) | de45 | KTY software date | V | - | no | UINT32 | 0 | 2147483647 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2030h (0) | de48 | m3 software version | V | - | no | UINT32 | 0 | 2147483647 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |

| | IDtxt | Name | C | A | PD | Type | Lower limit | Upper limit | Default | SI | Mult | Div | Offset | r/w | Cu | Sec | Sy |
|------------|-------|-----------------------------|---|---|-----|--------|-------------|-------------|---------|----|------|-------|--------|-----|-----|-----|----|
| 2031h (0) | de49 | m3 software date | V | - | no | UINT32 | 0 | 2147483647 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2034h (0) | de52 | enc interf software version | V | - | no | UINT32 | 0 | 2147483647 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2035h (0) | de53 | enc interf software date | V | - | no | UINT32 | 0 | 2147483647 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 204Fh (0) | de79 | protection level | V | - | no | UINT32 | 0 | 2147483647 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2050h (0) | de80 | additional inverter data | S | - | no | UINT8 | 10 | 10 | 10 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2050h (1) | de80 | current scale value | V | - | no | UINT32 | 0 | 100000000 | 0 | A | 1 | 10000 | 0 | ro | yes | no | no |
| 2050h (2) | de80 | power unit data format | V | - | no | UINT8 | 0 | 1 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2050h (4) | de80 | ChecksumLong | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2050h (5) | de80 | analog PU ID | V | - | no | UINT16 | 0 | 255 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2050h (6) | de80 | PU data check status | V | - | no | UINT8 | 0 | 255 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2050h (7) | de80 | default UDiode | V | - | no | UINT16 | 0 | 65535 | 0 | V | 1 | 100 | 0 | rw | yes | no | no |
| 2050h (8) | de80 | default dt tDelay [ns] | V | - | no | INT16 | -30000 | 30000 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2050h (9) | de80 | default dt capacity [nF] | V | - | no | UINT16 | 0 | 65535 | 0 | - | 1 | 100 | 0 | rw | yes | no | no |
| 2050h (10) | de80 | OL2 reference current | V | - | no | UINT32 | 0 | 100000000 | 0 | A | 1 | 10000 | 0 | ro | yes | no | no |
| 2056h (0) | de86 | built-in brake resistor | S | - | no | UINT8 | 6 | 6 | 6 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2056h (3) | de86 | single resistor value | V | - | no | UINT32 | 0 | 200000 | 0 | Ω | 1 | 100 | 0 | ro | yes | no | no |
| 206Bh (0) | de107 | get MD5 hash | V | - | no | UINT8 | 0 | 1 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 206Ch (0) | de108 | MD5 hash | A | 4 | yes | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 206Dh (0) | de109 | exclusions from MD5 | V | - | yes | UINT32 | 0 | 7 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2073h (0) | de115 | global drive status mask | V | - | no | UINT32 | 0 | -1 | -1 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2078h (0) | de120 | max output frequency | V | - | yes | UINT32 | 0 | 2147483647 | 0 | Hz | 1 | 1 | 0 | rw | no | yes | no |
| 3200h (0) | di00 | dig. input logic | V | - | yes | UINT16 | 0 | 4095 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3201h (0) | di01 | dig. input src. sel. | V | - | no | UINT32 | 0 | 16777215 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3202h (0) | di02 | dig. input ext. src. | V | - | yes | UINT16 | 0 | 4095 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3204h (0) | di04 | digital noise filter | V | - | yes | UINT16 | 0 | 4000 | 0 | ms | 1 | 2 | 0 | rw | yes | no | no |
| 320Ah (0) | di10 | RUN input | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 320Bh (0) | di11 | RST input | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 320Ch (0) | di12 | CA input | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 320Dh (0) | di13 | CA mask | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 320Eh (0) | di14 | CB input | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 320Fh (0) | di15 | CB mask | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3210h (0) | di16 | forward input | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3211h (0) | di17 | reverse input | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3212h (0) | di18 | vl zero speed input | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3213h (0) | di19 | start posi/homing input | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3214h (0) | di20 | invert input | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3215h (0) | di21 | index input | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3216h (0) | di22 | index noise filter | V | - | yes | UINT16 | 0 | 4000 | 0 | ms | 1 | 2 | 0 | rw | yes | no | no |

| | IDtxt | Name | C | A | PD | Type | Lower limit | Upper limit | Default | SI | Mult | Div | Offset | r/w | Cu | Sec | Sy |
|-----------|-------|---------------------------|---|---|-----|--------|-------------|-------------|---------|----|------|-----|--------|-----|-----|-----|----|
| 3217h (0) | di23 | halt input | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3218h (0) | di24 | strobe input | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3219h (0) | di25 | index strobe dependency | V | - | yes | UINT16 | 0 | 2 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 321Ch (0) | di28 | controlword input setting | S | - | no | UINT8 | 2 | 2 | 2 | - | 1 | 1 | 0 | ro | yes | no | no |
| 321Ch (1) | di28 | cw input 1 | V | - | no | UINT16 | 0 | 31 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 321Ch (2) | di28 | cw input 2 | V | - | no | UINT16 | 0 | 31 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 321Dh (0) | di29 | digital input controlword | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 321Eh (0) | di30 | I1 input function | S | - | yes | UINT8 | 2 | 2 | 2 | - | 1 | 1 | 0 | ro | yes | no | no |
| 321Eh (1) | di30 | I1 input function low | V | - | yes | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 321Eh (2) | di30 | I1 input function high | V | - | yes | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 321Fh (0) | di31 | I2 input function | S | - | yes | UINT8 | 2 | 2 | 2 | - | 1 | 1 | 0 | ro | yes | no | no |
| 321Fh (1) | di31 | I2 input function low | V | - | yes | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 321Fh (2) | di31 | I2 input function high | V | - | yes | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3220h (0) | di32 | I3 input function | S | - | yes | UINT8 | 2 | 2 | 2 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3220h (1) | di32 | I3 input function low | V | - | yes | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3220h (2) | di32 | I3 input function high | V | - | yes | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3221h (0) | di33 | I4 input function | S | - | yes | UINT8 | 2 | 2 | 2 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3221h (1) | di33 | I4 input function low | V | - | yes | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3221h (2) | di33 | I4 input function high | V | - | yes | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3222h (0) | di34 | I5 input function | S | - | yes | UINT8 | 2 | 2 | 2 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3222h (1) | di34 | I5 input function low | V | - | yes | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3222h (2) | di34 | I5 input function high | V | - | yes | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3223h (0) | di35 | I6 input function | S | - | yes | UINT8 | 2 | 2 | 2 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3223h (1) | di35 | I6 input function low | V | - | yes | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3223h (2) | di35 | I6 input function high | V | - | yes | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3224h (0) | di36 | I7 input function | S | - | yes | UINT8 | 2 | 2 | 2 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3224h (1) | di36 | I7 input function low | V | - | yes | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3224h (2) | di36 | I7 input function high | V | - | yes | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3225h (0) | di37 | I8 input function | S | - | yes | UINT8 | 2 | 2 | 2 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3225h (1) | di37 | I8 input function low | V | - | yes | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3225h (2) | di37 | I8 input function high | V | - | yes | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3226h (0) | di38 | IA input function | S | - | yes | UINT8 | 2 | 2 | 2 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3226h (1) | di38 | IA input function low | V | - | yes | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3226h (2) | di38 | IA input function high | V | - | yes | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3227h (0) | di39 | IB input function | S | - | yes | UINT8 | 2 | 2 | 2 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3227h (1) | di39 | IB input function low | V | - | yes | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3227h (2) | di39 | IB input function high | V | - | yes | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3228h (0) | di40 | IC input function | S | - | yes | UINT8 | 2 | 2 | 2 | - | 1 | 1 | 0 | ro | yes | no | no |

| | IDtxt | Name | C | A | PD | Type | Lower limit | Upper limit | Default | SI | Mult | Div | Offset | r/w | Cu | Sec | Sy |
|-----------|-------|-----------------------------------|---|---|-----|--------|-------------|-------------|---------|----|------|-------|--------|-----|-----|-----|----|
| 3228h (1) | di40 | IC input function low | V | - | yes | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3228h (2) | di40 | IC input function high | V | - | yes | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3229h (0) | di41 | ID input function | S | - | yes | UINT8 | 2 | 2 | 2 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3229h (1) | di41 | ID input function low | V | - | yes | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3229h (2) | di41 | ID input function high | V | - | yes | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 322Ah (0) | di42 | STO1 input function | S | - | yes | UINT8 | 2 | 2 | 2 | - | 1 | 1 | 0 | ro | yes | no | no |
| 322Ah (1) | di42 | STO1 input function low | V | - | yes | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 322Ah (2) | di42 | STO1 input function high | V | - | yes | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 322Bh (0) | di43 | STO2 input function | S | - | yes | UINT8 | 2 | 2 | 2 | - | 1 | 1 | 0 | ro | yes | no | no |
| 322Bh (1) | di43 | STO2 input function low | V | - | yes | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 322Bh (2) | di43 | STO2 input function high | V | - | yes | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 322Ch (0) | di44 | CW 1 input function | S | - | yes | UINT8 | 2 | 2 | 2 | - | 1 | 1 | 0 | ro | yes | no | no |
| 322Ch (1) | di44 | CW 1 input function low | V | - | yes | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 322Ch (2) | di44 | CW 1 input function high | V | - | yes | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 322Dh (0) | di45 | CW 2 input function | S | - | yes | UINT8 | 2 | 2 | 2 | - | 1 | 1 | 0 | ro | yes | no | no |
| 322Dh (1) | di45 | CW 2 input function low | V | - | yes | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 322Dh (2) | di45 | CW 2 input function high | V | - | yes | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2601h (0) | do01 | flag operand A | A | 8 | yes | UINT16 | 0 | 72 | 27 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2602h (0) | do02 | flag operand B | A | 8 | yes | UINT16 | 0 | 72 | 28 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2603h (0) | do03 | flag operator mode | A | 8 | yes | UINT16 | 0 | 255 | 5 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2605h (0) | do05 | flag level 1 | A | 8 | yes | INT32 | -2147483648 | 2147483647 | 0 | - | 1 | 10000 | 0 | rw | yes | no | no |
| 2606h (0) | do06 | flag level 2 | A | 8 | yes | INT32 | -2147483648 | 2147483647 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2607h (0) | do07 | flag hyst. operand B | A | 8 | yes | INT32 | 0 | 2147483647 | 0 | - | 1 | 10000 | 0 | rw | yes | no | no |
| 2608h (0) | do08 | filter time flags | A | 8 | yes | UINT32 | 0 | 10000000 | 0 | ms | 1 | 1000 | 0 | rw | yes | no | no |
| 260Ah (0) | do10 | dig. out ext. source | V | - | yes | UINT16 | 0 | 255 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 260Bh (0) | do11 | dig. out logic | V | - | no | UINT16 | 0 | 255 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 260Ch (0) | do12 | dig. output src. sel. | V | - | no | UINT32 | 0 | 65535 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 260Dh (0) | do13 | select flag for connection | A | 4 | yes | UINT16 | 0 | 255 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 260Eh (0) | do14 | invert flags before connection | A | 4 | yes | UINT16 | 0 | 255 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 260Fh (0) | do15 | number of flags | V | - | yes | UINT8 | 0 | 8 | 4 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2610h (0) | do16 | number of connected flags | V | - | yes | UINT8 | 0 | 4 | 4 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2612h (0) | do18 | AND operation for connected flags | V | - | no | UINT16 | 0 | 15 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2613h (0) | do19 | AND operation for output | V | - | no | UINT16 | 0 | 255 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2614h (0) | do20 | select flag O1 | V | - | yes | UINT16 | 0 | 4095 | 1 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2615h (0) | do21 | select flag O2 | V | - | yes | UINT16 | 0 | 4095 | 2 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2618h (0) | do24 | select flag OA | V | - | yes | UINT16 | 0 | 4095 | 1 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2619h (0) | do25 | select flag OB | V | - | yes | UINT16 | 0 | 4095 | 2 | - | 1 | 1 | 0 | rw | yes | no | no |
| 261Ah (0) | do26 | select flag OC | V | - | yes | UINT16 | 0 | 4095 | 4 | - | 1 | 1 | 0 | rw | yes | no | no |

| | IDtxt | Name | C | A | PD | Type | Lower limit | Upper limit | Default | SI | Mult | Div | Offset | r/w | Cu | Sec | Sy |
|-----------|-------|---------------------------------|---|----|-----|--------|-------------|-------------|---------|-----------|------|-------|--------|-----|-----|-----|----|
| 261Bh (0) | do27 | select flag Relais | V | - | yes | UINT16 | 0 | 4095 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 261Ch (0) | do28 | invert flags output | A | 8 | yes | UINT16 | 0 | 4095 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 261Eh (0) | do30 | number of counter units | V | - | yes | UINT16 | 0 | 2 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 261Fh (0) | do31 | counter unit mode | A | 2 | yes | UINT16 | 0 | 255 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2620h (0) | do32 | run source parameter | A | 2 | yes | UINT8 | 0 | 3 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2621h (0) | do33 | run source bit | A | 2 | yes | UINT16 | 0 | 32768 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2622h (0) | do34 | reset source parameter | A | 2 | yes | UINT8 | 0 | 3 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2623h (0) | do35 | reset source bit | A | 2 | yes | UINT16 | 0 | 32768 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2624h (0) | do36 | count source parameter | A | 2 | yes | UINT8 | 0 | 3 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2625h (0) | do37 | count source bit | A | 2 | yes | UINT16 | 0 | 32768 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2626h (0) | do38 | direction source parameter | A | 2 | yes | UINT8 | 0 | 3 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2627h (0) | do39 | direction source bit | A | 2 | yes | UINT16 | 0 | 32768 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2628h (0) | do40 | timer end value | A | 2 | yes | UINT32 | 1 | 8388607 | 8388607 | - | 1 | 1 | 0 | rw | yes | no | no |
| 262Dh (0) | do45 | variable operand address | A | 2 | yes | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 262Eh (0) | do46 | variable operand mask | A | 2 | yes | UINT32 | 0 | -1 | -1 | - | 1 | 1 | 0 | rw | yes | no | no |
| 262Fh (0) | do47 | variable operand value unsigned | A | 2 | yes | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2630h (0) | do48 | variable operand value signed | A | 2 | yes | INT32 | -2147483648 | 2147483647 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2631h (0) | do49 | opt. inverter reaction | V | - | yes | UINT8 | 0 | 2 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2200h (0) | dr00 | motor type | V | - | no | UINT8 | 0 | 4 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2201h (0) | dr01 | motor part number | A | 11 | no | UINT8 | 0 | 255 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2202h (0) | dr02 | motordata state | V | - | no | UINT8 | 0 | 3 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2203h (0) | dr03 | rated current | V | - | no | UINT32 | 1 | 110000 | 300 | A | 1 | 100 | 0 | rw | yes | no | no |
| 2204h (0) | dr04 | rated speed | V | - | no | UINT32 | 1 | 8192000 | 90880 | 1/ min | 1 | 64 | 0 | rw | yes | no | no |
| 2205h (0) | dr05 | rated voltage | V | - | no | UINT16 | 10 | 830 | 400 | V | 1 | 1 | 0 | rw | yes | no | no |
| 2206h (0) | dr06 | rated frequency | V | - | no | UINT32 | 1 | 3200000 | 50000 | Hz | 1 | 1000 | 0 | rw | yes | no | no |
| 2207h (0) | dr07 | ASM rated cos(phi) | V | - | no | UINT8 | 1 | 100 | 86 | - | 1 | 100 | 0 | rw | yes | no | no |
| 2208h (0) | dr08 | magnetising current % | V | - | no | UINT16 | 0 | 1000 | 0 | % | 1 | 10 | 0 | rw | yes | no | no |
| 2209h (0) | dr09 | rated torque | V | - | no | UINT32 | 0 | 128000000 | 5000 | Nm | 1 | 1000 | 0 | rw | yes | no | no |
| 220Bh (0) | dr11 | max. torque % | V | - | no | UINT16 | 0 | 60000 | 3000 | % | 1 | 10 | 0 | rw | yes | no | no |
| 220Ch (0) | dr12 | max. current % | V | - | no | UINT16 | 10 | 60000 | 3000 | % | 1 | 10 | 0 | rw | yes | no | no |
| 220Dh (0) | dr13 | breakdown torque % | V | - | no | UINT16 | 0 | 60000 | 1500 | % | 1 | 10 | 0 | rw | yes | no | no |
| 220Eh (0) | dr14 | SM EMF [Vpk/(1000min-1)] | V | - | no | UINT32 | 0 | 60000000 | 110000 | - | 1 | 1000 | 0 | rw | yes | no | no |
| 220Fh (0) | dr15 | SM inductance q-axis UV | V | - | no | UINT32 | 1 | 6000000 | 100000 | mH | 1 | 1000 | 0 | rw | yes | no | no |
| 2210h (0) | dr16 | SM inductance d-axis % | V | - | no | UINT16 | 1 | 10000 | 1000 | % | 1 | 10 | 0 | rw | yes | no | no |
| 2211h (0) | dr17 | stator resistance UV | V | - | no | UINT32 | 1 | 2500000 | 30000 | Ω | 1 | 10000 | 0 | rw | yes | no | no |
| 2212h (0) | dr18 | ASM rotor resist. UV % | V | - | no | UINT16 | 1 | 6000 | 1000 | % | 1 | 10 | 0 | rw | yes | no | no |
| 2213h (0) | dr19 | ASM head inductance UV | V | - | no | UINT32 | 1 | 6000000 | 64000 | mH | 1 | 1000 | 0 | rw | yes | no | no |
| 2215h (0) | dr21 | ASM sigma stator ind. UV | V | - | no | UINT32 | 1 | 6000000 | 3200 | mH | 1 | 1000 | 0 | rw | yes | no | no |

| | IDtxt | Name | C | A | PD | Type | Lower limit | Upper limit | Default | SI | Mult | Div | Offset | r/w | Cu | Sec | Sy |
|------------|-------|------------------------------|---|---|----|--------|-------------|-------------|---------|----|------|------|--------|-----|-----|-----|----|
| 2216h (0) | dr22 | ASM sigma rotor ind. % | V | - | no | UINT16 | 1 | 10000 | 1000 | % | 1 | 10 | 0 | rw | yes | no | no |
| 2219h (0) | dr25 | breakdown speed % | V | - | no | UINT16 | 1 | 10000 | 1000 | % | 1 | 10 | 0 | rw | yes | no | no |
| 221Ch (0) | dr28 | Uic reference voltage | V | - | no | UINT16 | 10 | 830 | 566 | V | 1 | 1 | 0 | rw | yes | no | no |
| 221Dh (0) | dr29 | max. id current fct. [Imax] | V | - | no | UINT16 | 0 | 1000 | 1000 | - | 1 | 1000 | 0 | rw | yes | no | no |
| 221Eh (0) | dr30 | user drive temp. sensor def. | S | - | no | UINT8 | 38 | 38 | 38 | - | 1 | 1 | 0 | ro | yes | no | no |
| 221Eh (1) | dr30 | temp value 1 | V | - | no | INT16 | -999 | 999 | 0 | °C | 1 | 1 | 0 | rw | yes | no | no |
| 221Eh (2) | dr30 | temp value 2 | V | - | no | INT16 | -999 | 999 | 0 | °C | 1 | 1 | 0 | rw | yes | no | no |
| 221Eh (3) | dr30 | temp value 3 | V | - | no | INT16 | -999 | 999 | 0 | °C | 1 | 1 | 0 | rw | yes | no | no |
| 221Eh (4) | dr30 | temp value 4 | V | - | no | INT16 | -999 | 999 | 0 | °C | 1 | 1 | 0 | rw | yes | no | no |
| 221Eh (5) | dr30 | temp value 5 | V | - | no | INT16 | -999 | 999 | 0 | °C | 1 | 1 | 0 | rw | yes | no | no |
| 221Eh (6) | dr30 | temp value 6 | V | - | no | INT16 | -999 | 999 | 0 | °C | 1 | 1 | 0 | rw | yes | no | no |
| 221Eh (7) | dr30 | temp value 7 | V | - | no | INT16 | -999 | 999 | 0 | °C | 1 | 1 | 0 | rw | yes | no | no |
| 221Eh (8) | dr30 | temp value 8 | V | - | no | INT16 | -999 | 999 | 0 | °C | 1 | 1 | 0 | rw | yes | no | no |
| 221Eh (9) | dr30 | temp value 9 | V | - | no | INT16 | -999 | 999 | 0 | °C | 1 | 1 | 0 | rw | yes | no | no |
| 221Eh (10) | dr30 | temp value 10 | V | - | no | INT16 | -999 | 999 | 0 | °C | 1 | 1 | 0 | rw | yes | no | no |
| 221Eh (11) | dr30 | temp value 11 | V | - | no | INT16 | -999 | 999 | 0 | °C | 1 | 1 | 0 | rw | yes | no | no |
| 221Eh (12) | dr30 | temp value 12 | V | - | no | INT16 | -999 | 999 | 0 | °C | 1 | 1 | 0 | rw | yes | no | no |
| 221Eh (13) | dr30 | temp value 13 | V | - | no | INT16 | -999 | 999 | 0 | °C | 1 | 1 | 0 | rw | yes | no | no |
| 221Eh (14) | dr30 | temp value 14 | V | - | no | INT16 | -999 | 999 | 0 | °C | 1 | 1 | 0 | rw | yes | no | no |
| 221Eh (15) | dr30 | temp value 15 | V | - | no | INT16 | -999 | 999 | 0 | °C | 1 | 1 | 0 | rw | yes | no | no |
| 221Eh (16) | dr30 | temp value 16 | V | - | no | INT16 | -999 | 999 | 0 | °C | 1 | 1 | 0 | rw | yes | no | no |
| 221Eh (17) | dr30 | temp value 17 | V | - | no | INT16 | -999 | 999 | 0 | °C | 1 | 1 | 0 | rw | yes | no | no |
| 221Eh (18) | dr30 | temp value 18 | V | - | no | INT16 | -999 | 999 | 0 | °C | 1 | 1 | 0 | rw | yes | no | no |
| 221Eh (19) | dr30 | temp value 19 | V | - | no | INT16 | -999 | 999 | 0 | °C | 1 | 1 | 0 | rw | yes | no | no |
| 221Eh (20) | dr30 | temp value 20 | V | - | no | INT16 | -999 | 999 | 0 | °C | 1 | 1 | 0 | rw | yes | no | no |
| 221Eh (21) | dr30 | temp value 21 | V | - | no | INT16 | -999 | 999 | 0 | °C | 1 | 1 | 0 | rw | yes | no | no |
| 221Eh (22) | dr30 | temp value 22 | V | - | no | INT16 | -999 | 999 | 0 | °C | 1 | 1 | 0 | rw | yes | no | no |
| 221Eh (23) | dr30 | temp value 23 | V | - | no | INT16 | -999 | 999 | 0 | °C | 1 | 1 | 0 | rw | yes | no | no |
| 221Eh (24) | dr30 | temp value 24 | V | - | no | INT16 | -999 | 999 | 0 | °C | 1 | 1 | 0 | rw | yes | no | no |
| 221Eh (25) | dr30 | temp value 25 | V | - | no | INT16 | -999 | 999 | 0 | °C | 1 | 1 | 0 | rw | yes | no | no |
| 221Eh (26) | dr30 | temp value 26 | V | - | no | INT16 | -999 | 999 | 0 | °C | 1 | 1 | 0 | rw | yes | no | no |
| 221Eh (27) | dr30 | temp value 27 | V | - | no | INT16 | -999 | 999 | 0 | °C | 1 | 1 | 0 | rw | yes | no | no |
| 221Eh (28) | dr30 | temp value 28 | V | - | no | INT16 | -999 | 999 | 0 | °C | 1 | 1 | 0 | rw | yes | no | no |
| 221Eh (29) | dr30 | temp value 29 | V | - | no | INT16 | -999 | 999 | 0 | °C | 1 | 1 | 0 | rw | yes | no | no |
| 221Eh (30) | dr30 | temp value 30 | V | - | no | INT16 | -999 | 999 | 0 | °C | 1 | 1 | 0 | rw | yes | no | no |
| 221Eh (31) | dr30 | temp value 31 | V | - | no | INT16 | -999 | 999 | 0 | °C | 1 | 1 | 0 | rw | yes | no | no |
| 221Eh (32) | dr30 | temp value 32 | V | - | no | INT16 | -999 | 999 | 0 | °C | 1 | 1 | 0 | rw | yes | no | no |
| 221Eh (33) | dr30 | R min | V | - | no | INT16 | 0 | 32767 | 0 | Ω | 1 | 1 | 0 | rw | yes | no | no |

| | IDtxt | Name | C | A | PD | Type | Lower limit | Upper limit | Default | SI | Mult | Div | Offset | r/w | Cu | Sec | Sy |
|------------|-------|-------------------------------------|---|---|-----|--------|-------------|-------------|---------|---------|------|-------|--------|-----|-----|-----|----|
| 221Eh (34) | dr30 | R max | V | - | no | INT16 | 0 | 32767 | 1800 | Ω | 1 | 1 | 0 | rw | yes | no | no |
| 221Eh (35) | dr30 | short circuit level | V | - | no | INT16 | 0 | 32767 | 100 | Ω | 1 | 1 | 0 | rw | yes | no | no |
| 221Eh (36) | dr30 | no connection level | V | - | no | INT16 | 0 | 32767 | 1700 | Ω | 1 | 1 | 0 | rw | yes | no | no |
| 221Eh (37) | dr30 | act. calc. resistance (R) | V | - | no | INT16 | 0 | 32767 | 0 | Ω | 1 | 1 | 0 | ro | yes | no | no |
| 221Eh (38) | dr30 | Rv | V | - | no | INT16 | 0 | 32767 | 1910 | Ω | 1 | 1 | 0 | ro | yes | no | no |
| 2220h (0) | dr32 | inertia motor (kg*cm^2) | V | - | no | UINT32 | 0 | 2000000000 | 200 | - | 1 | 100 | 0 | rw | yes | no | no |
| 2221h (0) | dr33 | motor temp sensor type | V | - | no | UINT8 | 0 | 5 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2222h (0) | dr34 | motorprotection curr. % | V | - | no | UINT16 | 1 | 10000 | 1000 | % | 1 | 10 | 0 | rw | yes | no | no |
| 2223h (0) | dr35 | SM prot.time min. ls/ld | V | - | no | UINT8 | 1 | 255 | 2 | s | 1 | 10 | 0 | rw | yes | no | no |
| 2224h (0) | dr36 | SM prot.time lmax | V | - | no | UINT8 | 1 | 255 | 2 | s | 1 | 10 | 0 | rw | yes | no | no |
| 2225h (0) | dr37 | SM prot.recovery time | V | - | no | UINT16 | 1 | 6000 | 5 | s | 1 | 10 | 0 | rw | yes | no | no |
| 2226h (0) | dr38 | SM prot. min. ls/ld | V | - | no | UINT16 | 1 | 5000 | 1500 | % | 1 | 10 | 0 | rw | yes | no | no |
| 2227h (0) | dr39 | ASM prot. mode | V | - | no | UINT8 | 0 | 1 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 222Ch (0) | dr44 | speed (Lh/EMF ident.) % | V | - | no | UINT16 | 0 | 10000 | 650 | % | 1 | 10 | 0 | rw | yes | no | no |
| 222Dh (0) | dr45 | ASM v/f boost | V | - | no | UINT16 | 0 | 16384 | 328 | % | 100 | 16384 | 0 | rw | yes | no | no |
| 222Eh (0) | dr46 | ASM v/f V1 | V | - | no | UINT16 | 0 | 16384 | 0 | % | 100 | 16384 | 0 | rw | yes | no | no |
| 222Fh (0) | dr47 | ASM v/f F1 | V | - | no | UINT32 | 0 | 3200000 | 0 | Hz | 1 | 1000 | 0 | rw | yes | no | no |
| 2230h (0) | dr48 | v/f characteristic mode | V | - | no | UINT8 | 0 | 1 | 0 | Hz | 1 | 1 | 0 | rw | yes | no | no |
| 2231h (0) | dr49 | sinus filter ind. UV | V | - | no | UINT32 | 0 | 6000000 | 1 | mH | 1 | 1000 | 0 | rw | yes | no | no |
| 2232h (0) | dr50 | sinus filter cap. UV high res. [uF] | V | - | no | UINT32 | 0 | 6553500 | 0 | - | 1 | 1000 | 0 | rw | yes | no | no |
| 2233h (0) | dr51 | sinus filter resistance UV | V | - | no | UINT32 | 0 | 2500000 | 1 | Ω | 1 | 10000 | 0 | rw | yes | no | no |
| 2234h (0) | dr52 | sinus filter cap. UV [uF] | V | - | no | UINT16 | 0 | 65535 | 0 | - | 1 | 10 | 0 | rw | yes | no | no |
| 2235h (0) | dr53 | sinus filt. min. switch. freq. | V | - | no | UINT16 | 0 | 65535 | 0 | kH z | 1 | 100 | 0 | rw | yes | no | no |
| 2236h (0) | dr54 | ident | V | - | no | UINT16 | 0 | 47 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2237h (0) | dr55 | ident state | V | - | yes | UINT16 | 0 | 255 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2238h (0) | dr56 | ident Ls/sigma curr. (ampl. mod.) | V | - | no | UINT16 | 1 | 10000 | 1000 | % | 1 | 10 | 0 | rw | yes | no | no |
| 2239h (0) | dr57 | ident error info | V | - | yes | UINT16 | 0 | 255 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2240h (0) | dr64 | bp filter critical freq. calc. | V | - | no | UINT16 | 1 | 200 | 1 | kH z | 1 | 10 | 0 | ro | yes | no | no |
| 2241h (0) | dr65 | bp filter frequency set | V | - | no | UINT16 | 0 | 65535 | 0 | kH z | 1 | 10 | 0 | rw | yes | no | no |
| 2242h (0) | dr66 | bp filter q-factor | V | - | no | UINT16 | 0 | 10 | 5 | - | 1 | 10 | 0 | rw | yes | no | no |
| 2243h (0) | dr67 | bp filter 2 frequency set | V | - | no | UINT16 | 0 | 65535 | 0 | kH z | 1 | 10 | 0 | rw | yes | no | no |
| 2244h (0) | dr68 | bp filter frequency mode | V | - | no | UINT8 | 0 | 3 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2263h (0) | dr99 | motordata control | V | - | no | UINT8 | 0 | 2 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2400h (0) | ds00 | KP current q-axis [V/A] | V | - | no | UINT32 | 0 | 2147483647 | 1 | - | 1 | 10000 | 0 | rw | yes | no | no |
| 2401h (0) | ds01 | Tn current q-axis | V | - | no | UINT32 | 0 | 2147483647 | 1 | ms | 1 | 1000 | 0 | rw | yes | no | no |

| | IDtxt | Name | C | A | PD | Type | Lower limit | Upper limit | Default | SI | Mult | Div | Offset | r/w | Cu | Sec | Sy |
|-----------|-------|--|---|---|-----|--------|-------------|-------------|---------|----|------|-------|--------|-----|-----|-----|----|
| 2402h (0) | ds02 | KP current d-axis [V/A] | V | - | no | UINT32 | 0 | 2147483647 | 1 | - | 1 | 10000 | 0 | rw | yes | no | no |
| 2403h (0) | ds03 | Tn current d-axis | V | - | no | UINT32 | 0 | 2147483647 | 1 | ms | 1 | 1000 | 0 | rw | yes | no | no |
| 2404h (0) | ds04 | current mode | V | - | no | UINT16 | 0 | 16383 | 9265 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2405h (0) | ds05 | omega mech. precontrol time | V | - | no | UINT16 | 0 | 60000 | 2000 | ms | 1 | 1000 | 0 | rw | yes | no | no |
| 2406h (0) | ds06 | omega decoupling time | V | - | no | UINT16 | 0 | 60000 | 0 | ms | 1 | 1000 | 0 | rw | yes | no | no |
| 2407h (0) | ds07 | observer factor | V | - | no | UINT16 | 0 | 600 | 50 | % | 1 | 10 | 0 | rw | yes | no | no |
| 2408h (0) | ds08 | deviation control time | V | - | no | UINT16 | 0 | 60000 | 2000 | ms | 1 | 1000 | 0 | rw | yes | no | no |
| 240Bh (0) | ds11 | torque mode | V | - | no | UINT16 | 0 | 63 | 1 | - | 1 | 1 | 0 | rw | yes | no | no |
| 240Ch (0) | ds12 | adaption mode | V | - | no | UINT16 | 0 | 63 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 240Dh (0) | ds13 | torquelimit curve factor | V | - | no | UINT16 | 1 | 16000 | 1000 | % | 1 | 10 | 0 | rw | yes | no | no |
| 240Eh (0) | ds14 | current ctrl. factor | V | - | yes | UINT16 | 1 | 8000 | 1000 | % | 1 | 10 | 0 | rw | yes | no | no |
| 240Fh (0) | ds15 | dyn dec curr. ctrl. factor | V | - | no | UINT16 | 1 | 1000 | 100 | % | 1 | 10 | 0 | rw | yes | no | no |
| 2410h (0) | ds16 | anti windup speed level | V | - | no | UINT16 | 0 | 3999 | 0 | % | 1 | 10 | 0 | rw | yes | no | no |
| 2411h (0) | ds17 | bp filter coeff. | A | 9 | yes | INT32 | -131068 | 131068 | 131068 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2412h (0) | ds18 | Rs model stabilisation | S | - | no | UINT8 | 4 | 4 | 4 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2412h (1) | ds18 | Rs model stabilisation mode | V | - | no | UINT16 | 0 | 3 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2412h (2) | ds18 | Rs adaption high limit | V | - | no | UINT16 | 0 | 2000 | 1400 | % | 1 | 10 | 0 | rw | yes | no | no |
| 2412h (3) | ds18 | Rs adaption low limit | V | - | no | UINT16 | 0 | 2000 | 800 | % | 1 | 10 | 0 | rw | yes | no | no |
| 2412h (4) | ds18 | Rs adaption factor | V | - | no | UINT16 | 0 | 2000 | 800 | % | 1 | 10 | 0 | rw | yes | no | no |
| 2413h (0) | ds19 | dyn dec curr. ctrl. factor 2 | V | - | yes | UINT16 | 0 | 8000 | 0 | % | 1 | 10 | 0 | rw | yes | no | no |
| 2414h (0) | ds20 | speed for dyn dec curr. ctrl. factor 2 | V | - | yes | UINT16 | 1 | 8000 | 1000 | % | 1 | 10 | 0 | rw | yes | no | no |
| 241Bh (0) | ds27 | (A)SCL time speed calc. | V | - | no | UINT16 | 0 | 65535 | 250 | ms | 1 | 1000 | 0 | rw | yes | no | no |
| 241Ch (0) | ds28 | (A)SCL filter speed calc. | V | - | no | UINT16 | 0 | 65535 | 2000 | ms | 1 | 1000 | 0 | rw | yes | no | no |
| 241Eh (0) | ds30 | model mode | V | - | no | UINT16 | 0 | 63 | 3 | - | 1 | 1 | 0 | rw | yes | no | no |
| 241Fh (0) | ds31 | SynRM nest optimisation fct. | V | - | no | UINT8 | 19 | 100 | 25 | - | 1 | 10 | 0 | rw | yes | no | no |
| 2420h (0) | ds32 | SCL stab.term speed | V | - | no | UINT16 | 0 | 3999 | 200 | % | 1 | 10 | 0 | rw | yes | no | no |
| 2421h (0) | ds33 | SCL stab.term time | V | - | no | UINT32 | 0 | 2147483647 | 1000 | ms | 1 | 1000 | 0 | rw | yes | no | no |
| 2422h (0) | ds34 | stab term max. torque | V | - | no | UINT16 | 0 | 8000 | 0 | % | 1 | 10 | 0 | rw | yes | no | no |
| 2423h (0) | ds35 | SCL stabilisation current | V | - | no | INT16 | -8000 | 8000 | 500 | % | 1 | 10 | 0 | rw | yes | no | no |
| 2424h (0) | ds36 | min speed for stab.curr. | V | - | no | UINT16 | 0 | 3999 | 50 | % | 1 | 10 | 0 | rw | yes | no | no |
| 2425h (0) | ds37 | max speed for stab.curr. | V | - | no | UINT16 | 0 | 3999 | 100 | % | 1 | 10 | 0 | rw | yes | no | no |
| 2426h (0) | ds38 | SCL standstill current | V | - | no | UINT16 | 0 | 8000 | 1000 | % | 1 | 10 | 0 | rw | yes | no | no |
| 2429h (0) | ds41 | model ctrl | V | - | no | UINT16 | 0 | 1023 | 8 | - | 1 | 1 | 0 | rw | yes | no | no |
| 242Ah (0) | ds42 | model ctrl. ref. speed time | V | - | no | UINT16 | 0 | 60000 | 200 | ms | 1 | 1 | 0 | rw | yes | no | no |
| 242Bh (0) | ds43 | model ctrl. act. speed time | V | - | no | UINT16 | 0 | 60000 | 200 | ms | 1 | 1 | 0 | rw | yes | no | no |
| 242Eh (0) | ds46 | model ctrl. act. speed level | V | - | no | UINT16 | 0 | 60000 | 1000 | % | 1 | 10 | 0 | rw | yes | no | no |
| 242Fh (0) | ds47 | model ctrl. act. speed hyst. | V | - | no | UINT16 | 0 | 3999 | 200 | % | 1 | 10 | 0 | rw | yes | no | no |
| 2430h (0) | ds48 | model ctrl min. acc/dec [s-2] | V | - | no | UINT32 | 0 | 1747626666 | 10000 | - | 1 | 100 | 0 | rw | yes | no | no |

| | IDtxt | Name | C | A | PD | Type | Lower limit | Upper limit | Default | SI | Mult | Div | Offset | r/w | Cu | Sec | Sy |
|-----------|-------|-----------------------------------|---|---|-----|--------|-------------|-------------|---------|----|------|-------|--------|-----|-----|-----|----|
| 2437h (0) | ds55 | lsd offset | V | - | no | UINT16 | -8000 | 8000 | 0 | % | 1 | 10 | 0 | rw | yes | no | no |
| 243Ch (0) | ds60 | protection function | S | - | no | UINT8 | 7 | 7 | 7 | - | 1 | 1 | 0 | ro | yes | no | no |
| 243Ch (1) | ds60 | v/f current limit ctrl mode | V | - | no | UINT16 | 0 | 7 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 243Ch (2) | ds60 | ramp stopping mode | V | - | no | UINT16 | 0 | 31 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 243Ch (3) | ds60 | LD-U stop voltage level | V | - | no | UINT16 | 0 | 15000 | 7800 | V | 1 | 10 | 0 | rw | yes | no | no |
| 243Ch (4) | ds60 | LAD-I KI [1/As] | V | - | no | UINT32 | 0 | 2147483647 | 10000 | - | 1 | 1000 | 0 | rw | yes | no | no |
| 243Ch (5) | ds60 | LAD-I KDI [1/As] | V | - | no | UINT32 | 0 | 2147483647 | 10000 | - | 1 | 1000 | 0 | rw | yes | no | no |
| 243Ch (6) | ds60 | LD-U KI [1/Vs] | V | - | no | UINT32 | 0 | 2147483647 | 10000 | - | 1 | 1000 | 0 | rw | yes | no | no |
| 243Ch (7) | ds60 | LD-U KDI [1/Vs] | V | - | no | UINT32 | 0 | 2147483647 | 10000 | - | 1 | 1000 | 0 | rw | yes | no | no |
| 243Dh (0) | ds61 | DC braking source | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 243Eh (0) | ds62 | DC braking | S | - | yes | UINT8 | 8 | 8 | 8 | - | 1 | 1 | 0 | ro | yes | no | no |
| 243Eh (1) | ds62 | braking mode | V | - | no | UINT32 | 0 | 5265 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 243Eh (2) | ds62 | timing mode | V | - | no | UINT16 | 0 | 31 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 243Eh (3) | ds62 | modulation off time | V | - | no | UINT16 | 0 | 60000 | 100 | s | 1 | 100 | 0 | ro | yes | no | no |
| 243Eh (4) | ds62 | max.DC current [%In] | V | - | no | UINT16 | 0 | 10000 | 1000 | % | 1 | 10 | 0 | rw | yes | no | no |
| 243Eh (5) | ds62 | DC boost [%Un] | V | - | no | UINT16 | 0 | 16384 | 4096 | % | 100 | 16384 | 0 | rw | yes | no | no |
| 243Eh (6) | ds62 | braking time | V | - | no | UINT16 | 0 | 60000 | 100 | s | 1 | 100 | 0 | rw | yes | no | no |
| 243Eh (7) | ds62 | braking speed level [%Nn] | V | - | no | UINT16 | 0 | 1000 | 20 | % | 1 | 10 | 0 | rw | yes | no | no |
| 243Eh (8) | ds62 | braking state | V | - | yes | UINT8 | 0 | 5 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 243Fh (0) | ds63 | ASiCL ctrl. mode | S | - | no | UINT8 | 7 | 7 | 7 | - | 1 | 1 | 0 | ro | yes | no | no |
| 243Fh (1) | ds63 | ASiCL curr. ctrl IsqPt1 | V | - | no | UINT16 | 0 | 60000 | 20 | ms | 1 | 1 | 0 | rw | yes | no | no |
| 243Fh (2) | ds63 | ASiCL slip calculation IsqPt1 | V | - | no | UINT16 | 0 | 60000 | 200 | ms | 1 | 1 | 0 | rw | yes | no | no |
| 243Fh (3) | ds63 | ASiCL curr.ctrl. delay at zero | V | - | no | UINT16 | 0 | 60000 | 200 | ms | 1 | 1 | 0 | rw | yes | no | no |
| 243Fh (4) | ds63 | ASiCL Rs model stabilisation mode | V | - | no | UINT16 | 0 | 3 | 1 | - | 1 | 1 | 0 | rw | yes | no | no |
| 243Fh (5) | ds63 | ASiCL Rs adaption high limit | V | - | no | UINT16 | 0 | 2000 | 1200 | % | 1 | 10 | 0 | rw | yes | no | no |
| 243Fh (6) | ds63 | ASiCL Rs adaption low limit | V | - | no | UINT16 | 0 | 2000 | 800 | % | 1 | 10 | 0 | rw | yes | no | no |
| 243Fh (7) | ds63 | ASiCL Rs adaption factor | V | - | no | UINT16 | 0 | 2000 | 800 | % | 1 | 10 | 0 | rw | yes | no | no |
| 2800h (0) | ec00 | status encoder interface | V | - | yes | UINT8 | 0 | 255 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2801h (0) | ec01 | error encoder interface | V | - | yes | INT16 | 0 | 500 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2802h (0) | ec02 | warning encoder interf. | V | - | yes | UINT8 | 0 | 255 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 280Eh (0) | ec14 | encoder interf. gen. settings | V | - | no | UINT8 | 0 | 3 | 2 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2810h (0) | ec16 | encoder type | V | - | no | UINT8 | 0 | 26 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2811h (0) | ec17 | detected encoder type | V | - | no | UINT8 | 0 | 255 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2812h (0) | ec18 | error encoder | V | - | yes | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2813h (0) | ec19 | warning encoder | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2816h (0) | ec22 | rho encoder value | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2817h (0) | ec23 | system offset (SM) | V | - | yes | UINT16 | 0 | 65535 | 57057 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2818h (0) | ec24 | gear numerator | V | - | no | UINT16 | 0 | 65535 | 1000 | - | 1 | 1 | 0 | rw | yes | no | no |

| | IDtxt | Name | C | A | PD | Type | Lower limit | Upper limit | Default | SI | Mult | Div | Offset | r/w | Cu | Sec | Sy |
|-----------|-------|--|---|----|-----|--------|-------------|-------------|---------|---------|------|------|--------|-----|-----|-----|----|
| 2819h (0) | ec25 | gear denominator | V | - | no | UINT16 | 1 | 65535 | 1000 | - | 1 | 1 | 0 | rw | yes | no | no |
| 281Ah (0) | ec26 | speed scan time | V | - | no | UINT8 | 2 | 8 | 5 | - | 1 | 1 | 0 | rw | yes | no | no |
| 281Bh (0) | ec27 | speed PT1-time | V | - | no | UINT32 | 0 | 256000 | 1000 | ms | 1 | 1000 | 0 | rw | yes | no | no |
| 281Ch (0) | ec28 | revolution range | V | - | no | UINT8 | 0 | 7 | 4 | - | 1 | 1 | 0 | rw | yes | no | no |
| 281Dh (0) | ec29 | signal periods per revolution | V | - | no | INT32 | 0 | 500000000 | 2048 | - | 1 | 1 | 0 | rw | yes | no | no |
| 281Eh (0) | ec30 | resolver pole pairs | V | - | no | UINT8 | 1 | 255 | 1 | - | 1 | 1 | 0 | rw | yes | no | no |
| 281Fh (0) | ec31 | zero pulse pos. | V | - | no | INT32 | -2147483648 | 2147483647 | 0 | IN C | 1 | 1 | 0 | ro | yes | no | no |
| 2820h (0) | ec32 | max. pos. error | V | - | no | UINT8 | 0 | 180 | 20 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2821h (0) | ec33 | abs. pos. accuracy | V | - | no | UINT16 | 0 | 65535 | 4 | IN C | 1 | 1 | 0 | rw | yes | no | no |
| 2822h (0) | ec34 | signal periods between reference marks | V | - | no | INT32 | 1 | 500000000 | 1 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2823h (0) | ec35 | pos. calc. mode | V | - | no | UINT8 | 0 | 127 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2824h (0) | ec36 | several encoder functions | V | - | no | UINT8 | 0 | 7 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2825h (0) | ec37 | temperatures and sensors evaluated by encoder | V | - | no | UINT8 | 0 | 3 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2828h (0) | ec40 | singleturn res. | V | - | no | UINT8 | 0 | 40 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2829h (0) | ec41 | multiturn res. | V | - | no | UINT8 | 0 | 40 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 282Ah (0) | ec42 | SSI data format | V | - | no | UINT8 | 0 | 31 | 8 | - | 1 | 1 | 0 | rw | yes | no | no |
| 282Bh (0) | ec43 | SSI clock freq. | V | - | no | UINT8 | 0 | 2 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 282Ch (0) | ec44 | SSI allocation absolute / incremental position | V | - | no | UINT8 | 0 | 3 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 282Eh (0) | ec46 | encoder read/write | V | - | no | UINT8 | 0 | 2 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 282Fh (0) | ec47 | status encoder r/w | V | - | yes | UINT8 | 0 | 255 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2830h (0) | ec48 | saved encoder serial number | A | 12 | no | UINT8 | 0 | 255 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2831h (0) | ec49 | encoder serial number | A | 12 | no | UINT8 | 0 | 255 | 0 | - | 1 | 1 | 0 | rw | no | yes | no |
| 2832h (0) | ec50 | virtual round for linear encoder | V | - | no | INT32 | 1 | 500000000 | 1 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2837h (0) | ec55 | position value via fieldbus | V | - | yes | INT32 | -2147483648 | 2147483647 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 4800h (0) | ec00 | status encoder interface B | V | - | yes | UINT8 | 0 | 255 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 4801h (0) | ec01 | error encoder interface B | V | - | yes | INT16 | 0 | 500 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 4802h (0) | ec02 | warning encoder interf. B | V | - | yes | UINT8 | 0 | 255 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 4810h (0) | ec16 | encoder type B | V | - | no | UINT8 | 0 | 26 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 4811h (0) | ec17 | detected encoder type B | V | - | no | UINT8 | 0 | 255 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 4812h (0) | ec18 | error encoder B | V | - | yes | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 4813h (0) | ec19 | warning encoder B | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 4816h (0) | ec22 | rho encoder value B | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 4817h (0) | ec23 | system offset (SM) B | V | - | yes | UINT16 | 0 | 65535 | 57057 | - | 1 | 1 | 0 | rw | yes | no | no |
| 4818h (0) | ec24 | gear numerator B | V | - | no | UINT16 | 0 | 65535 | 1000 | - | 1 | 1 | 0 | rw | yes | no | no |
| 4819h (0) | ec25 | gear denominator B | V | - | no | UINT16 | 1 | 65535 | 1000 | - | 1 | 1 | 0 | rw | yes | no | no |
| 481Ah (0) | ec26 | speed scan time B | V | - | no | UINT8 | 2 | 8 | 5 | - | 1 | 1 | 0 | rw | yes | no | no |
| 481Bh (0) | ec27 | speed PT1-time B | V | - | no | UINT32 | 0 | 256000 | 1000 | ms | 1 | 1000 | 0 | rw | yes | no | no |

| | IDtxt | Name | C | A | PD | Type | Lower limit | Upper limit | Default | SI | Mult | Div | Offset | r/w | Cu | Sec | Sy |
|-----------|-------|--|---|----|-----|--------|-------------|-------------|---------|---------|------|-----|--------|-----|-----|-----|-----|
| 481Ch (0) | ec28 | revolution range B | V | - | no | UINT8 | 0 | 7 | 4 | - | 1 | 1 | 0 | rw | yes | no | no |
| 481Dh (0) | ec29 | signal periods per revolution B | V | - | no | INT32 | 0 | 500000000 | 2048 | - | 1 | 1 | 0 | rw | yes | no | no |
| 481Fh (0) | ec31 | zero pulse pos. B | V | - | no | INT32 | -2147483648 | 2147483647 | 0 | IN C | 1 | 1 | 0 | ro | yes | no | no |
| 4820h (0) | ec32 | max. pos. error B | V | - | no | UINT8 | 0 | 180 | 20 | - | 1 | 1 | 0 | rw | yes | no | no |
| 4821h (0) | ec33 | abs. pos. accuracy B | V | - | no | UINT16 | 0 | 65535 | 4 | IN C | 1 | 1 | 0 | rw | yes | no | no |
| 4822h (0) | ec34 | signal periods between reference marks B | V | - | no | INT32 | 1 | 500000000 | 1 | - | 1 | 1 | 0 | rw | yes | no | no |
| 4823h (0) | ec35 | pos. calc. mode B | V | - | no | UINT8 | 0 | 127 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 4824h (0) | ec36 | several encoder functions B | V | - | no | UINT8 | 0 | 7 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 4825h (0) | ec37 | temperatures and sensors evaluated by encoder B | V | - | no | UINT8 | 0 | 3 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 4828h (0) | ec40 | singleturn res. B | V | - | no | UINT8 | 0 | 40 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 4829h (0) | ec41 | multiturn res. B | V | - | no | UINT8 | 0 | 40 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 482Ah (0) | ec42 | SSI data format B | V | - | no | UINT8 | 0 | 31 | 8 | - | 1 | 1 | 0 | rw | yes | no | no |
| 482Bh (0) | ec43 | SSI clock freq. B | V | - | no | UINT8 | 0 | 2 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 482Ch (0) | ec44 | SSI allocation absolute / incremental position B | V | - | no | UINT8 | 0 | 3 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 4830h (0) | ec48 | saved encoder serial number B | A | 12 | no | UINT8 | 0 | 255 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 4831h (0) | ec49 | encoder serial number B | A | 12 | no | UINT8 | 0 | 255 | 0 | - | 1 | 1 | 0 | rw | no | yes | no |
| 4832h (0) | ec50 | virtual round for linear encoder B | V | - | no | INT32 | 1 | 500000000 | 1 | - | 1 | 1 | 0 | rw | yes | no | no |
| 4837h (0) | ec55 | position value via fieldbus B | V | - | yes | INT32 | -2147483648 | 2147483647 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2B0Ah (0) | fb10 | sync interval | V | - | no | UINT16 | 0 | 16000 | 0 | µs | 1 | 1 | 0 | rw | no | no | yes |
| 2B0Bh (0) | fb11 | set sync level | V | - | no | UINT16 | 0 | 1000 | 20 | µs | 1 | 10 | 0 | rw | no | no | yes |
| 2B0Ch (0) | fb12 | KP sync PLL | V | - | no | UINT16 | 0 | 256 | 32 | - | 1 | 1 | 0 | rw | no | no | yes |
| 2B0Dh (0) | fb13 | drive node ID | V | - | no | UINT8 | 0 | 238 | 1 | - | 1 | 1 | 0 | rw | no | no | yes |
| 2B0Eh (0) | fb14 | DIN66019 baud rate | V | - | no | UINT8 | 0 | 13 | 5 | - | 1 | 1 | 0 | rw | no | no | yes |
| 2B0Fh (0) | fb15 | node IDs | S | - | no | UINT8 | 2 | 2 | 2 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2B0Fh (1) | fb15 | application node ID | V | - | no | UINT8 | 0 | 255 | 2 | - | 1 | 1 | 0 | rw | no | no | yes |
| 2B0Fh (2) | fb15 | debugger node ID | V | - | no | UINT8 | 0 | 255 | 255 | - | 1 | 1 | 0 | rw | no | no | yes |
| 2B10h (0) | fb16 | fieldbus node injection | V | - | no | UINT8 | 1 | 255 | 1 | - | 1 | 1 | 0 | rw | no | no | yes |
| 2B13h (0) | fb19 | measured sync interval | V | - | yes | UINT16 | 0 | 65535 | 0 | µs | 64 | 75 | 0 | ro | yes | no | no |
| 2B14h (0) | fb20 | ETC invalid frame count P0 | V | - | no | UINT8 | 0 | 255 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2B15h (0) | fb21 | ETC RX error count P0 | V | - | no | UINT8 | 0 | 255 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2B16h (0) | fb22 | ETC invalid frame count P1 | V | - | no | UINT8 | 0 | 255 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2B17h (0) | fb23 | ETC RX error count P1 | V | - | no | UINT8 | 0 | 255 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2B18h (0) | fb24 | ETC for. RX error count P0 | V | - | no | UINT8 | 0 | 255 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2B19h (0) | fb25 | ETC for. RX error count P1 | V | - | no | UINT8 | 0 | 255 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2B1Ah (0) | fb26 | ETC processing unit error count | V | - | no | UINT8 | 0 | 255 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2B1Bh (0) | fb27 | ETC min. sync delay | V | - | no | INT16 | 0 | 32000 | 32000 | µs | 8 | 25 | 0 | rw | no | no | yes |
| 2B1Ch (0) | fb28 | ETC max. sync delay | V | - | no | INT16 | 0 | 32000 | 0 | µs | 8 | 25 | 0 | rw | no | no | yes |

| | IDtxt | Name | C | A | PD | Type | Lower limit | Upper limit | Default | SI | Mult | Div | Offset | r/w | Cu | Sec | Sy |
|-----------|-------|---|---|----|-----|--------|-------------|-------------|-------------|----|------|-----|--------|-----|-----|-----|-----|
| 2B1Dh (0) | fb29 | ETC no frame per sync cnt | V | - | no | UINT16 | 0 | 32000 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 2B1Eh (0) | fb30 | ETC mult. frames per sync cnt | V | - | no | UINT16 | 0 | 32000 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 2B1Fh (0) | fb31 | no PDO data per sync cnt | V | - | no | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 2B20h (0) | fb32 | LED 'DEV ST' blink status | V | - | yes | UINT8 | 0 | 1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 2B25h (0) | fb37 | process data access min. sync delay | V | - | no | INT16 | 0 | 32000 | 32000 | µs | 64 | 75 | 0 | rw | no | no | yes |
| 2B26h (0) | fb38 | process data access max. sync delay | V | - | no | INT16 | 0 | 32000 | 0 | µs | 64 | 75 | 0 | rw | no | no | yes |
| 2B3Ch (0) | fb60 | process data size selection | V | - | no | UINT8 | 0 | 4 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 2B40h (0) | fb64 | CAN node ID | V | - | no | UINT8 | 1 | 127 | 1 | - | 1 | 1 | 0 | rw | no | no | yes |
| 2B42h (0) | fb66 | CAN baud rate | V | - | no | UINT8 | 1 | 8 | 7 | - | 1 | 1 | 0 | rw | no | no | yes |
| 2B43h (0) | fb67 | fieldbus configuration | V | - | no | UINT16 | 0 | 63 | 1 | - | 1 | 1 | 0 | rw | no | no | yes |
| 2B44h (0) | fb68 | fieldbus selection | V | - | no | UINT8 | 0 | 35 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 2B47h (0) | fb71 | fieldbus options | V | - | no | UINT32 | 0 | 3 | 1 | - | 1 | 1 | 0 | rw | no | no | yes |
| 2B48h (0) | fb72 | change cnt | V | - | yes | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2B49h (0) | fb73 | CAN cross communication options | V | - | no | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 2B4Ah (0) | fb74 | CAN cross communication monitoring | A | 10 | yes | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 2B51h (0) | fb81 | Application software module | S | - | no | UINT8 | 2 | 2 | 2 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2B51h (1) | fb81 | Target application software | V | - | no | UINT8 | 0 | 32 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 2B51h (2) | fb81 | Active application software | V | - | no | UINT8 | 0 | 32 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2B5Ah (0) | fb90 | fieldbus state | S | - | no | UINT8 | 4 | 4 | 4 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2B5Ah (1) | fb90 | EtherCAT fieldbus state | V | - | no | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 2B5Ah (2) | fb90 | CANopen fieldbus state | V | - | no | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 2B5Ah (3) | fb90 | PROFINET fieldbus state | V | - | no | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 2B5Ah (4) | fb90 | ModbusTCP fieldbus state | V | - | no | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 2B5Bh (0) | fb91 | fieldbus error code | S | - | no | UINT8 | 3 | 3 | 3 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2B5Bh (1) | fb91 | EtherCAT fieldbus error code | V | - | no | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 2B5Bh (2) | fb91 | CANopen fieldbus error code | V | - | no | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 2B5Bh (3) | fb91 | PROFINET fieldbus error code | V | - | no | UINT32 | 0 | 9568255 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 2B64h (0) | fb100 | node ID switch value | V | - | no | UINT8 | 0 | 255 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2B65h (0) | fb101 | adjusted node ID value | V | - | no | UINT8 | 0 | 255 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 2B66h (0) | fb102 | effective node ID | V | - | no | UINT8 | 0 | 255 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2B69h (0) | fb105 | MAC Address (EoE Channel) | V | - | no | UINT32 | 0 | -83886081 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 2B6Ah (0) | fb106 | MAC Address (EthChannel) | V | - | no | UINT32 | 0 | -83886081 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2B6Ch (0) | fb108 | Ethernet over fieldbus IP configuration | S | - | no | UINT8 | 3 | 3 | 3 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2B6Ch (1) | fb108 | IP address | V | - | no | UINT32 | 0 | -1 | -1062731420 | - | 1 | 1 | 0 | rw | no | no | yes |
| 2B6Ch (2) | fb108 | subnet mask | V | - | no | UINT32 | 0 | -1 | -256 | - | 1 | 1 | 0 | rw | no | no | yes |
| 2B6Ch (3) | fb108 | gateway address | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 2B6Dh (0) | fb109 | basic IP configuration | S | - | no | UINT8 | 3 | 3 | 3 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2B6Dh (1) | fb109 | IP address | V | - | no | UINT32 | 0 | -1 | -1062731676 | - | 1 | 1 | 0 | rw | no | no | yes |

| | IDtxt | Name | C | A | PD | Type | Lower limit | Upper limit | Default | SI | Mult | Div | Offset | r/w | Cu | Sec | Sy |
|-----------|-------|--|---|---|-----|--------|-------------|-------------|---------|----|------|------|--------|-----|-----|-----|-----|
| 2B6Dh (2) | fb109 | subnet mask | V | - | no | UINT32 | 0 | -1 | -256 | - | 1 | 1 | 0 | rw | no | no | yes |
| 2B6Dh (3) | fb109 | gateway address | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 2B6Eh (0) | fb110 | Scan names | S | - | no | UINT8 | 2 | 2 | 2 | - | 1 | 1 | 0 | ro | no | no | yes |
| 2B6Eh (1) | fb110 | DeviceType | V | - | no | UINT8 | 0 | 32 | 0 | - | 1 | 1 | 0 | ro | no | no | yes |
| 2B6Eh (2) | fb110 | Location | V | - | no | UINT8 | 0 | 32 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 2B73h (0) | fb115 | Modbus SubIndex | V | - | no | UINT8 | 0 | 255 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 2B74h (0) | fb116 | Baud rate of 2nd serial interface | V | - | no | UINT8 | 0 | 12 | 5 | - | 1 | 1 | 0 | rw | no | no | yes |
| 3700h (0) | fc00 | Umax regulation mode | V | - | no | UINT16 | 0 | 18 | 1 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3701h (0) | fc01 | KP Umax [%Irated/%U] | V | - | no | UINT32 | 0 | 10000000 | 0 | - | 1 | 1000 | 0 | rw | yes | no | no |
| 3702h (0) | fc02 | KI Umax [%Irated/%U s] | V | - | no | UINT32 | 0 | 24000000 | 200000 | - | 1 | 1000 | 0 | rw | yes | no | no |
| 3703h (0) | fc03 | Umax reference | V | - | no | UINT16 | 0 | 1100 | 970 | % | 1 | 10 | 0 | rw | yes | no | no |
| 3704h (0) | fc04 | max. modulation grade | V | - | yes | UINT16 | 0 | 1100 | 1000 | % | 1 | 10 | 0 | rw | yes | no | no |
| 3705h (0) | fc05 | Umax reg. limit | V | - | no | UINT16 | 0 | 4000 | 1000 | % | 1 | 10 | 0 | rw | yes | no | no |
| 3710h (0) | fc16 | ASM flux mode | V | - | no | UINT16 | 0 | 31 | 7 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3711h (0) | fc17 | ASM min. flux | V | - | no | UINT16 | 0 | 1000 | 950 | % | 1 | 10 | 0 | rw | yes | no | no |
| 3712h (0) | fc18 | ASM KP flux [A/A] | V | - | no | UINT32 | 0 | 2147483647 | 0 | - | 1 | 1000 | 0 | rw | yes | no | no |
| 3713h (0) | fc19 | ASM Tn flux | V | - | no | UINT32 | 0 | 2147483647 | 0 | ms | 1 | 1000 | 0 | rw | yes | no | no |
| 3714h (0) | fc20 | ASM flux reg. limit | V | - | no | UINT16 | 0 | 1000 | 1000 | % | 1 | 10 | 0 | rw | yes | no | no |
| 3720h (0) | fc32 | min. current (SM) | S | - | no | UINT8 | 3 | 3 | 3 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3720h (1) | fc32 | min. current mode | V | - | no | UINT16 | 0 | 2 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3720h (2) | fc32 | min. current [%de80[1]] | V | - | no | UINT16 | 0 | 10000 | 30 | % | 1 | 10 | 0 | rw | yes | no | no |
| 3720h (3) | fc32 | ramping time | V | - | no | UINT16 | 0 | 60000 | 100 | ms | 1 | 1 | 0 | rw | yes | no | no |
| E600h (0) | - | FSoE Slave frame elements | S | - | yes | UINT8 | 6 | 6 | 6 | - | 1 | 1 | 0 | ro | yes | no | no |
| E600h (1) | - | FSoE Command | V | - | yes | UINT8 | 0 | 255 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| E600h (2) | - | FSoE Connection ID | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| E600h (3) | - | FSoE CRC0 | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| E600h (4) | - | FSoE CRC1 | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| E600h (5) | - | FSoE CRC2 | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| E600h (6) | - | FSoE CRC3 | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| E601h (0) | - | FSoE SafeInputs (SafetyModule->Master) | S | - | yes | UINT8 | 5 | 5 | 5 | - | 1 | 1 | 0 | ro | yes | no | no |
| E601h (1) | - | FSoE safe input data 1 | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| E601h (2) | - | FSoE safe input data 2 | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| E601h (3) | - | FSoE safe input data 3 | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| E601h (4) | - | FSoE safe input data 4 | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| E601h (5) | - | FSoE safe input data 5 | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| E700h (0) | - | FSoE Master frame elements | S | - | yes | UINT8 | 6 | 6 | 6 | - | 1 | 1 | 0 | ro | yes | no | no |
| E700h (1) | - | FSoE Command | V | - | yes | UINT8 | 0 | 255 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| E700h (2) | - | FSoE Connection ID | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |

| | IDtxt | Name | C | A | PD | Type | Lower limit | Upper limit | Default | SI | Mult | Div | Offset | r/w | Cu | Sec | Sy |
|-----------|-------|--|---|---|-----|--------|-------------|-------------|---------|----|------|-----|--------|-----|-----|-----|-----|
| E700h (3) | - | FSoE CRC0 | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| E700h (4) | - | FSoE CRC1 | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| E700h (5) | - | FSoE CRC2 | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| E700h (6) | - | FSoE CRC3 | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| E701h (0) | - | FSoE SafeOutputs | S | - | yes | UINT8 | 5 | 5 | 5 | - | 1 | 1 | 0 | ro | yes | no | no |
| E701h (1) | - | FSoE safe output data 1 | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| E701h (2) | - | FSoE safe output data 2 | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| E701h (3) | - | FSoE safe output data 3 | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| E701h (4) | - | FSoE safe output data 4 | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| E701h (5) | - | FSoE safe output data 5 | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| E800h (0) | - | Safety Device Info | S | - | no | UINT8 | 4 | 4 | 4 | - | 1 | 1 | 0 | ro | yes | no | no |
| E800h (1) | - | Combivis CRC | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| E800h (2) | - | Parameter main version | V | - | no | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| E800h (3) | - | Parameter sub version | V | - | no | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| E800h (4) | - | FSoE Data length | V | - | no | UINT8 | 0 | 19 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| E801h (0) | - | Safety Receive PDO mapping (Control->Drive) | S | - | no | UINT8 | 5 | 5 | 5 | - | 1 | 1 | 0 | ro | yes | no | no |
| E801h (1) | - | 1. Mapping | V | - | no | UINT8 | 0 | 255 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| E801h (2) | - | 2. Mapping | V | - | no | UINT8 | 0 | 255 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| E801h (3) | - | 3. Mapping | V | - | no | UINT8 | 0 | 255 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| E801h (4) | - | 4. Mapping | V | - | no | UINT8 | 0 | 255 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| E801h (5) | - | 5. Mapping | V | - | no | UINT8 | 0 | 255 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| E802h (0) | - | Safety Transmit PDO mapping (Drive->Control) | S | - | no | UINT8 | 5 | 5 | 5 | - | 1 | 1 | 0 | ro | yes | no | no |
| E802h (1) | - | 1. Mapping | V | - | no | UINT8 | 0 | 255 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| E802h (2) | - | 2. Mapping | V | - | no | UINT8 | 0 | 255 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| E802h (3) | - | 3. Mapping | V | - | no | UINT8 | 0 | 255 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| E802h (4) | - | 4. Mapping | V | - | no | UINT8 | 0 | 255 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| E802h (5) | - | 5. Mapping | V | - | no | UINT8 | 0 | 255 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| E803h (0) | - | Safety Device unit configuration | S | - | no | UINT8 | 2 | 2 | 2 | - | 1 | 1 | 0 | ro | yes | no | no |
| E803h (1) | - | Position unit | V | - | no | UINT8 | 0 | 16 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| E803h (2) | - | Velocity unit | V | - | no | UINT8 | 0 | 16 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| E80Fh (0) | - | FSoE Safetymodule PD init | A | 3 | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| E901h (0) | - | FSoE Connection Communication parameter | S | - | no | UINT8 | 8 | 8 | 8 | - | 1 | 1 | 0 | ro | yes | no | no |
| E901h (1) | - | Version | V | - | no | UINT16 | 0 | 65535 | 1 | - | 1 | 1 | 0 | ro | yes | no | no |
| E901h (2) | - | Safety Slave Address | V | - | no | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| E901h (3) | - | FSoE ConnectionID | V | - | no | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| E901h (4) | - | Watchdog Time | V | - | no | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| E901h (5) | - | Unique Device ID | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| E901h (6) | - | Connection Type | V | - | no | UINT16 | 0 | 65535 | 1 | - | 1 | 1 | 0 | ro | yes | no | no |

| | IDtxt | Name | C | A | PD | Type | Lower limit | Upper limit | Default | SI | Mult | Div | Offset | r/w | Cu | Sec | Sy |
|-----------|-------|---|---|---|-----|--------|-------------|-------------|---------|-----------|------|------|--------|-----|-----|-----|----|
| E901h (7) | - | Com Parameter Length | V | - | no | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| E901h (8) | - | Appl Parameter Length | V | - | no | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| F980h (0) | - | Device SafetyAddress | S | - | no | UINT8 | 1 | 1 | 1 | - | 1 | 1 | 0 | ro | yes | no | no |
| F980h (1) | - | FSoE Address | V | - | no | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3100h (0) | hm00 | (CiA 0x607C) home offset | V | - | yes | INT32 | -2147483648 | 2147483647 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3101h (0) | hm01 | (CiA 0x6098) homing method | V | - | yes | INT8 | 1 | 37 | 37 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3102h (0) | hm02 | (CiA 0x6099 [1]) speed during search for switch | V | - | yes | UINT32 | 0 | 2147483647 | 800 | 1/ min | 1 | 8 | 0 | rw | yes | no | no |
| 3103h (0) | hm03 | (CiA 0x6099 [2]) speed during search for zero | V | - | yes | UINT32 | 0 | 2147483647 | 400 | 1/ min | 1 | 8 | 0 | rw | yes | no | no |
| 3104h (0) | hm04 | (CiA 0x609A) homing acceleration | V | - | yes | INT32 | 1 | 1747626666 | 2000 | - | 1 | 100 | 0 | rw | yes | no | no |
| 3105h (0) | hm05 | digital inputs | V | - | yes | UINT32 | 0 | 65535 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3106h (0) | hm06 | negative limit switch source | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3107h (0) | hm07 | positive limit switch source | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3108h (0) | hm08 | home switch source | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3109h (0) | hm09 | position offset | V | - | yes | INT32 | -2147483648 | 2147483647 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 310Ah (0) | hm10 | (CiA 0x60B8) touch probe function | V | - | yes | UINT16 | 0 | 59 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 310Bh (0) | hm11 | (CiA 0x60B9) touch probe status | V | - | yes | UINT16 | 0 | 255 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 310Ch (0) | hm12 | (CiA 0x60BA) touch probe 1 positive edge | V | - | yes | INT32 | -2147483647 | 2147483647 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 310Dh (0) | hm13 | (CiA 0x60BB) touch probe 1 negative edge | V | - | yes | INT32 | -2147483647 | 2147483647 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 310Eh (0) | hm14 | home mode source | V | - | yes | UINT16 | 0 | 16383 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 310Fh (0) | hm15 | excluded modes of operation for limit switch | V | - | yes | UINT16 | 0 | 32767 | 4 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3110h (0) | hm16 | excluded modes of operation for sw limits | V | - | yes | UINT16 | 0 | 32767 | 4 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3111h (0) | hm17 | limit switch handling | V | - | yes | UINT8 | 0 | 255 | 8 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3112h (0) | hm18 | limit switch speed lvl [%Nn] | V | - | yes | UINT16 | 0 | 2000 | 0 | % | 1 | 10 | 0 | rw | yes | no | no |
| 3113h (0) | hm19 | maximal forward limit switch override | V | - | yes | UINT32 | 0 | 2147483647 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3114h (0) | hm20 | maximal reverse limit switch override | V | - | yes | UINT32 | 0 | 2147483647 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3115h (0) | hm21 | zero point distance | V | - | yes | INT32 | -2147483648 | 2147483647 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3116h (0) | hm22 | zero point offset | V | - | yes | INT16 | -32768 | 32767 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3117h (0) | hm23 | homing options | V | - | yes | UINT16 | 0 | 1 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 160Fh (0) | in15 | configuration ID | V | - | no | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3500h (0) | is00 | Uic mode | V | - | yes | UINT16 | 0 | 15 | 2 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3501h (0) | is01 | Uic PT1-time | V | - | yes | UINT16 | 63 | 60000 | 5000 | ms | 1 | 1000 | 0 | rw | yes | no | no |
| 3502h (0) | is02 | Uic comp voltage limit | V | - | yes | UINT16 | 10 | 800 | 400 | V | 1 | 1 | 0 | rw | yes | no | no |
| 3503h (0) | is03 | deadtime switch on/off | S | - | no | UINT8 | 2 | 2 | 2 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3503h (1) | is03 | speed level [% dr04] | V | - | no | UINT16 | 0 | 60000 | 0 | % | 1 | 10 | 0 | rw | yes | no | no |
| 3503h (2) | is03 | fading time | V | - | no | UINT16 | 0 | 60000 | 10 | ms | 1 | 1 | 0 | rw | yes | no | no |
| 3504h (0) | is04 | deadtime IGBT-model | S | - | no | UINT8 | 12 | 12 | 12 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3504h (1) | is04 | delta UDiode | V | - | no | INT16 | -30000 | 30000 | 0 | V | 1 | 100 | 0 | rw | yes | no | no |

| | IDtxt | Name | C | A | PD | Type | Lower limit | Upper limit | Default | SI | Mult | Div | Offset | r/w | Cu | Sec | Sy |
|------------|-------|--|---|---|-----|--------|-------------|-------------|---------|---------|------|------|--------|-----|-----|-----|-----|
| 3504h (2) | is04 | delta tDelay [ns] | V | - | no | INT16 | -30000 | 30000 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3504h (3) | is04 | delta C [nF] | V | - | no | INT16 | -30000 | 30000 | 0 | - | 1 | 100 | 0 | rw | yes | no | no |
| 3504h (12) | is04 | safety factor | V | - | no | INT16 | 0 | 10000 | 10000 | % | 1 | 100 | 0 | rw | yes | no | no |
| 3507h (0) | is07 | deadtime comp mode | V | - | no | UINT16 | 0 | 28 | 3 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3508h (0) | is08 | comp limit fact | V | - | no | UINT16 | 0 | 20000 | 10000 | % | 1 | 100 | 0 | rw | yes | no | no |
| 3509h (0) | is09 | comp current fact | V | - | no | UINT16 | 0 | 20000 | 10000 | % | 1 | 100 | 0 | rw | yes | no | no |
| 350Ah (0) | is10 | switching frequency | V | - | no | UINT16 | 200 | 1600 | 800 | kH z | 1 | 100 | 0 | rw | yes | no | no |
| 350Bh (0) | is11 | max current [de28%] | V | - | yes | UINT16 | 10 | 8000 | 8000 | % | 1 | 10 | 0 | rw | yes | no | no |
| 350Ch (0) | is12 | display apparent current PT1 | V | - | yes | UINT16 | 0 | 65535 | 4000 | ms | 1 | 1000 | 0 | rw | yes | no | no |
| 350Dh (0) | is13 | display torque PT1 | V | - | yes | UINT16 | 0 | 65535 | 4000 | ms | 1 | 1000 | 0 | rw | yes | no | no |
| 350Eh (0) | is14 | overload protect mode | V | - | yes | UINT16 | 0 | 2 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 350Fh (0) | is15 | temp dep derating | V | - | no | UINT8 | 0 | 1 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3510h (0) | is16 | min. derating frequency | V | - | yes | UINT16 | 0 | 800 | 0 | kH z | 1 | 100 | 0 | rw | yes | no | no |
| 3511h (0) | is17 | temperature dependent OL2 offset | V | - | yes | UINT16 | 0 | 18 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3512h (0) | is18 | UP error level | V | - | no | UINT16 | 500 | 10000 | 2400 | V | 1 | 10 | 0 | rw | yes | no | no |
| 3513h (0) | is19 | UP reset level | V | - | no | UINT16 | 3000 | 10000 | 3000 | V | 1 | 10 | 0 | rw | yes | no | no |
| 3514h (0) | is20 | OL2 prot. gain | V | - | yes | UINT16 | 0 | 45000 | 0 | - | 1 | 100 | 0 | rw | yes | no | no |
| 3515h (0) | is21 | OL2 safety fact | V | - | yes | UINT16 | 500 | 1000 | 950 | % | 1 | 10 | 0 | rw | yes | no | no |
| 3516h (0) | is22 | Basic Tp | V | - | no | UINT8 | 0 | 11 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 3517h (0) | is23 | deadtime PT1-time | V | - | no | UINT16 | 0 | 60000 | 500 | ms | 1 | 1000 | 0 | rw | yes | no | no |
| 3518h (0) | is24 | act. deadtime mode | V | - | yes | UINT8 | 0 | 4 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 351Ah (0) | is26 | HS fan start temp | V | - | no | INT16 | -1 | 5000 | 0 | °C | 1 | 10 | 0 | rw | yes | no | no |
| 351Bh (0) | is27 | ID fan start temp | V | - | no | INT16 | -1 | 5000 | 0 | °C | 1 | 10 | 0 | rw | yes | no | no |
| 351Ch (0) | is28 | HS fan full speed temp | V | - | no | INT16 | 0 | 5000 | 0 | °C | 1 | 10 | 0 | rw | yes | no | no |
| 351Dh (0) | is29 | ID fan full speed temp | V | - | no | INT16 | 0 | 5000 | 0 | °C | 1 | 10 | 0 | rw | yes | no | no |
| 351Eh (0) | is30 | braking transistor function | V | - | no | UINT16 | 0 | 1 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 351Fh (0) | is31 | braking resistor data | S | - | yes | UINT8 | 9 | 9 | 9 | - | 1 | 1 | 0 | ro | yes | no | no |
| 351Fh (1) | is31 | rated resistance at 20 degrees C | V | - | no | UINT32 | 0 | 200000 | 0 | Ω | 1 | 100 | 0 | rw | yes | no | no |
| 351Fh (2) | is31 | average dissipated power | V | - | yes | UINT32 | 0 | -1 | 0 | W | 1 | 1 | 0 | ro | yes | no | no |
| 351Fh (3) | is31 | current electrical resistance | V | - | yes | UINT32 | 0 | -1 | 0 | Ω | 1 | 100 | 0 | ro | yes | no | no |
| 351Fh (4) | is31 | current wire temperature | V | - | yes | INT16 | -1000 | 32767 | 200 | °C | 1 | 10 | 0 | ro | yes | no | no |
| 351Fh (5) | is31 | peak wire temperature | V | - | no | INT16 | -1000 | 32767 | 200 | °C | 1 | 10 | 0 | rw | no | no | yes |
| 351Fh (6) | is31 | peak power over braking resistor | V | - | no | UINT32 | 0 | -1 | 0 | W | 1 | 1 | 0 | rw | no | no | yes |
| 351Fh (7) | is31 | error resistor data | V | - | yes | UINT8 | 0 | 5 | 1 | - | 1 | 1 | 0 | ro | yes | no | no |
| 351Fh (8) | is31 | cumulated energy over braking resistor | V | - | no | UINT32 | 0 | 2147483647 | 0 | kW h | 1 | 100 | 0 | rw | no | no | yes |
| 351Fh (9) | is31 | current power over braking resistor | V | - | yes | UINT32 | 0 | -1 | 0 | W | 1 | 1 | 0 | ro | yes | no | no |

| | IDtxt | Name | C | A | PD | Type | Lower limit | Upper limit | Default | SI | Mult | Div | Offset | r/w | Cu | Sec | Sy |
|------------|-------|---------------------------------|---|----|-----|--------|-------------|-------------|---------|----|------|------|--------|-----|-----|-----|----|
| 3522h (0) | is34 | display power PT1 | V | - | yes | UINT16 | 0 | 65535 | 4000 | ms | 1 | 1000 | 0 | rw | yes | no | no |
| 3523h (0) | is35 | set current limit | V | - | no | UINT16 | 5000 | 9500 | 8333 | % | 1 | 100 | 0 | rw | yes | no | no |
| 3524h (0) | is36 | hard/soft. curr. reg. (HSR,SSR) | V | - | no | UINT8 | 0 | 6 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3525h (0) | is37 | HSR/SSR current [OCLimit%] | V | - | no | UINT16 | 10 | 1000 | 833 | % | 1 | 10 | 0 | rw | yes | no | no |
| 3526h (0) | is38 | HSR/SSR active counter | V | - | yes | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3527h (0) | is39 | display actual speed PT1 | V | - | yes | UINT16 | 0 | 65535 | 4000 | ms | 1 | 1000 | 0 | rw | yes | no | no |
| 3532h (0) | is50 | current offset adjust | V | - | no | UINT8 | 0 | 255 | 2 | - | 1 | 1 | 0 | rw | no | yes | no |
| 3800h (0) | mo00 | saturation mode | V | - | no | UINT16 | 0 | 2047 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3801h (0) | mo01 | saturation coefficients | S | - | no | UINT8 | 13 | 13 | 13 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3801h (1) | mo01 | Ld0 [H] | V | - | no | UINT32 | 0 | 2139095039 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3801h (2) | mo01 | Ld1 [H] | V | - | no | UINT32 | 0 | 2139095039 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3801h (3) | mo01 | Kd [1/A^2] | V | - | no | INT32 | -8388609 | 2139095039 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3801h (4) | mo01 | Kdq [1/A^2] | V | - | no | INT32 | -8388609 | 2139095039 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3801h (5) | mo01 | Lq0[H] | V | - | no | UINT32 | 0 | 2139095039 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3801h (6) | mo01 | Lq1[H] | V | - | no | UINT32 | 0 | 2139095039 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3801h (7) | mo01 | Kq [1/A^2] | V | - | no | INT32 | -8388609 | 2139095039 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3801h (8) | mo01 | Kqd [1/A^2] | V | - | no | INT32 | -8388609 | 2139095039 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3801h (9) | mo01 | Psi0 [Vs] | V | - | no | UINT32 | 0 | 2139095039 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3801h (10) | mo01 | Psi1 [Vs] | V | - | no | UINT32 | 0 | 2139095039 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3801h (11) | mo01 | Kpd [1/A^2] | V | - | no | INT32 | -8388609 | 2139095039 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3801h (12) | mo01 | Kpq [1/A^2] | V | - | no | INT32 | -8388609 | 2139095039 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3801h (13) | mo01 | I0 [A] | V | - | no | UINT32 | 0 | 2139095039 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3802h (0) | mo02 | saturation coef. dr-group | S | - | no | UINT8 | 13 | 13 | 13 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3802h (1) | mo02 | Ld0 [H] | V | - | no | UINT32 | 0 | 2139095039 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3802h (2) | mo02 | Ld1 [H] | V | - | no | UINT32 | 0 | 2139095039 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3802h (3) | mo02 | Kd [1/A^2] | V | - | no | INT32 | -8388609 | 2139095039 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3802h (4) | mo02 | Kdq [1/A^2] | V | - | no | INT32 | -8388609 | 2139095039 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3802h (5) | mo02 | Lq0[H] | V | - | no | UINT32 | 0 | 2139095039 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3802h (6) | mo02 | Lq1[H] | V | - | no | UINT32 | 0 | 2139095039 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3802h (7) | mo02 | Kq [1/A^2] | V | - | no | INT32 | -8388609 | 2139095039 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3802h (8) | mo02 | Kqd [1/A^2] | V | - | no | INT32 | -8388609 | 2139095039 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3802h (9) | mo02 | Psi0 [Vs] | V | - | no | UINT32 | 0 | 2139095039 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3802h (10) | mo02 | Psi1 [Vs] | V | - | no | UINT32 | 0 | 2139095039 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3802h (11) | mo02 | Kpd [1/A^2] | V | - | no | INT32 | -8388609 | 2139095039 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3802h (12) | mo02 | Kpq [1/A^2] | V | - | no | INT32 | -8388609 | 2139095039 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3802h (13) | mo02 | I0[A] | V | - | no | UINT32 | 0 | 2139095039 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3803h (0) | mo03 | fill table sel. (mo04..mo10) | V | - | no | UINT16 | 0 | 1 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3804h (0) | mo04 | lsq opt. array (lq=f(M)) | A | 16 | no | UINT32 | 0 | 2139095039 | 0 | A | 1 | 1 | 0 | rw | yes | no | no |

| | IDtxt | Name | C | A | PD | Type | Lower limit | Upper limit | Default | SI | Mult | Div | Offset | r/w | Cu | Sec | Sy |
|-----------|-------|--------------------------------------|---|----|-----|--------|-------------|-------------|---------|-----------|------|-------|--------|-----|-----|-----|----|
| 3805h (0) | mo05 | lsd opt. array (ld=f(M)) | A | 16 | no | INT32 | -8388609 | 2139095039 | 0 | A | 1 | 1 | 0 | rw | yes | no | no |
| 3806h (0) | mo06 | MLim array (M=f(lmax)) | A | 16 | no | UINT32 | 0 | 2139095039 | 0 | Nm | 1 | 1 | 0 | rw | yes | no | no |
| 3808h (0) | mo08 | lqLim array (l=f(ldRef)) | A | 16 | no | UINT32 | 0 | 2139095039 | 0 | A | 1 | 1 | 0 | rw | yes | no | no |
| 3809h (0) | mo09 | Current Tab. x-axis [A] | V | - | no | UINT32 | 0 | 2139095039 | 0 | A | 1 | 1 | 0 | rw | yes | no | no |
| 380Ah (0) | mo10 | Torque Tab. x-axis [Nm] | V | - | no | UINT32 | 0 | 2139095039 | 0 | Nm | 1 | 1 | 0 | rw | yes | no | no |
| 3810h (0) | mo16 | cogging mode | V | - | yes | UINT8 | 0 | 1 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3811h (0) | mo17 | cogg. frequency factor | A | 4 | yes | INT8 | 0 | 127 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3812h (0) | mo18 | cogg. magnitude [%Mn] | A | 4 | yes | INT16 | 0 | 1024 | 0 | % | 100 | 1024 | 0 | rw | yes | no | no |
| 3813h (0) | mo19 | cogg. phase [°] | A | 4 | yes | INT16 | -32768 | 32767 | 0 | - | 100 | 18204 | 0 | rw | yes | no | no |
| 3814h (0) | mo20 | cogg. fade out speed 100% [rpm] | V | - | yes | INT32 | 0 | 819200000 | 819200 | 1/ min | 1 | 8192 | 0 | rw | yes | no | no |
| 3815h (0) | mo21 | cogg. fade out speed 0% [rpm] | V | - | yes | INT32 | 0 | 819200000 | 8192000 | 1/ min | 1 | 8192 | 0 | rw | yes | no | no |
| 3816h (0) | mo22 | cogging PT1-time | V | - | yes | INT16 | 0 | 32767 | 4096 | ms | 1 | 4096 | 0 | rw | yes | no | no |
| 381Fh (0) | mo31 | ASM v/f gain | V | - | yes | UINT16 | 0 | 50000 | 10000 | % | 1 | 100 | 0 | rw | yes | no | no |
| 3820h (0) | mo32 | ASM v/f offset | V | - | yes | INT16 | -32767 | 32767 | 0 | % | 100 | 16384 | 0 | rw | yes | no | no |
| 3821h (0) | mo33 | act. torque offset | V | - | yes | INT32 | -2147483648 | 2147483647 | 0 | Nm | 1 | 1000 | 0 | ro | yes | no | no |
| 3822h (0) | mo34 | torque offset corr. enable | V | - | yes | UINT8 | 0 | 1 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3823h (0) | mo35 | torque offset ident | V | - | yes | UINT8 | 0 | 1 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3824h (0) | mo36 | torque offset ident state | V | - | yes | UINT8 | 0 | 4 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3825h (0) | mo37 | torque offset ident error info | V | - | yes | UINT8 | 0 | 6 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3826h (0) | mo38 | torque offset ident config | S | - | yes | UINT8 | 9 | 9 | 9 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3826h (1) | mo38 | start speed | V | - | yes | UINT16 | 1 | 3000 | 50 | % | 1 | 10 | 0 | rw | yes | no | no |
| 3826h (2) | mo38 | end speed | V | - | yes | UINT16 | 1 | 3000 | 1300 | % | 1 | 10 | 0 | rw | yes | no | no |
| 3826h (3) | mo38 | ident torque source | V | - | yes | UINT8 | 0 | 1 | 1 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3826h (4) | mo38 | ident speed source | V | - | yes | UINT8 | 0 | 1 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3826h (5) | mo38 | ident max torque deviation | V | - | yes | UINT8 | 1 | 100 | 30 | % | 1 | 10 | 0 | rw | yes | no | no |
| 3826h (6) | mo38 | ident max speed deviation | V | - | yes | UINT8 | 1 | 100 | 30 | % | 1 | 10 | 0 | rw | yes | no | no |
| 3826h (7) | mo38 | ident torque number of samples | V | - | yes | UINT16 | 10 | 1000 | 1000 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3826h (8) | mo38 | ident speed stability check duration | V | - | yes | UINT16 | 10 | 1000 | 30 | ms | 1 | 1 | 0 | rw | yes | no | no |
| 3826h (9) | mo38 | ident speed max settle duration | V | - | yes | UINT16 | 100 | 5000 | 500 | ms | 1 | 1 | 0 | rw | yes | no | no |
| 3827h (0) | mo39 | torque offset data fsw0 | S | - | yes | UINT8 | 4 | 4 | 4 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3827h (1) | mo39 | data status fsw0 | V | - | yes | UINT8 | 0 | 1 | 0 | % | 1 | 1 | 0 | rw | yes | no | no |
| 3827h (2) | mo39 | starting speed fsw0 | V | - | yes | INT32 | 1 | 1048576000 | 581703 | 1/ min | 1 | 8192 | 0 | rw | yes | no | no |
| 3827h (3) | mo39 | speed step fsw0 | V | - | yes | INT32 | 1 | 1048576000 | 969387 | 1/ min | 1 | 8192 | 0 | rw | yes | no | no |
| 3827h (4) | mo39 | control mode fsw0 | V | - | yes | UINT8 | 1 | 3 | 3 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3828h (0) | mo40 | torque offset data fsw1 | S | - | yes | UINT8 | 4 | 4 | 4 | - | 1 | 1 | 0 | ro | yes | no | no |

| | IDtxt | Name | C | A | PD | Type | Lower limit | Upper limit | Default | SI | Mult | Div | Offset | r/w | Cu | Sec | Sy |
|-----------|-------|----------------------------------|---|----|-----|--------|-------------|-------------|---------|-----------|------|------|--------|-----|-----|-----|----|
| 3828h (1) | mo40 | data status fsw1 | V | - | yes | UINT8 | 0 | 1 | 0 | % | 1 | 1 | 0 | rw | yes | no | no |
| 3828h (2) | mo40 | starting speed fsw1 | V | - | yes | INT32 | 1 | 1048576000 | 581703 | 1/ min | 1 | 8192 | 0 | rw | yes | no | no |
| 3828h (3) | mo40 | speed step fsw1 | V | - | yes | INT32 | 1 | 1048576000 | 969387 | 1/ min | 1 | 8192 | 0 | rw | yes | no | no |
| 3828h (4) | mo40 | control mode fsw1 | V | - | yes | UINT8 | 1 | 3 | 3 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3829h (0) | mo41 | torque offset data fsw2 | S | - | yes | UINT8 | 4 | 4 | 4 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3829h (1) | mo41 | data status fsw2 | V | - | yes | UINT8 | 0 | 1 | 0 | % | 1 | 1 | 0 | rw | yes | no | no |
| 3829h (2) | mo41 | starting speed fsw2 | V | - | yes | INT32 | 1 | 1048576000 | 581703 | 1/ min | 1 | 8192 | 0 | rw | yes | no | no |
| 3829h (3) | mo41 | speed step fsw2 | V | - | yes | INT32 | 1 | 1048576000 | 969387 | 1/ min | 1 | 8192 | 0 | rw | yes | no | no |
| 3829h (4) | mo41 | control mode fsw2 | V | - | yes | UINT8 | 1 | 3 | 3 | - | 1 | 1 | 0 | rw | yes | no | no |
| 382Ah (0) | mo42 | torque offset data fsw3 | S | - | yes | UINT8 | 4 | 4 | 4 | - | 1 | 1 | 0 | ro | yes | no | no |
| 382Ah (1) | mo42 | data status fsw3 | V | - | yes | UINT8 | 0 | 1 | 0 | % | 1 | 1 | 0 | rw | yes | no | no |
| 382Ah (2) | mo42 | starting speed fsw3 | V | - | yes | INT32 | 1 | 1048576000 | 581703 | 1/ min | 1 | 8192 | 0 | rw | yes | no | no |
| 382Ah (3) | mo42 | speed step fsw3 | V | - | yes | INT32 | 1 | 1048576000 | 969387 | 1/ min | 1 | 8192 | 0 | rw | yes | no | no |
| 382Ah (4) | mo42 | control mode fsw3 | V | - | yes | UINT8 | 1 | 3 | 3 | - | 1 | 1 | 0 | rw | yes | no | no |
| 382Bh (0) | mo43 | torque offset array fsw0 | A | 16 | yes | INT32 | -8388609 | 2139095039 | 0 | Nm | 1 | 1 | 0 | rw | yes | no | no |
| 382Ch (0) | mo44 | torque offset array fsw1 | A | 16 | yes | INT32 | -8388609 | 2139095039 | 0 | Nm | 1 | 1 | 0 | rw | yes | no | no |
| 382Dh (0) | mo45 | torque offset array fsw2 | A | 16 | yes | INT32 | -8388609 | 2139095039 | 0 | Nm | 1 | 1 | 0 | rw | yes | no | no |
| 382Eh (0) | mo46 | torque offset array fsw3 | A | 16 | yes | INT32 | -8388609 | 2139095039 | 0 | Nm | 1 | 1 | 0 | rw | yes | no | no |
| 3830h (0) | mo48 | motor efficiency | V | - | no | UINT16 | 0 | 1000 | 1000 | - | 1 | 1000 | 0 | rw | yes | no | no |
| 3832h (0) | mo50 | compatibility mode | V | - | no | UINT8 | 0 | 3 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2A03h (0) | pn03 | OL warning level | V | - | yes | UINT16 | 0 | 1000 | 800 | % | 1 | 10 | 0 | rw | yes | no | no |
| 2A04h (0) | pn04 | E.OL stop mode | V | - | yes | UINT8 | 0 | 1 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2A05h (0) | pn05 | OL2 warning level | V | - | yes | UINT16 | 200 | 1000 | 800 | % | 1 | 10 | 0 | rw | yes | no | no |
| 2A06h (0) | pn06 | temperature warning setting mode | V | - | yes | UINT8 | 0 | 1 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2A07h (0) | pn07 | OH warning level | V | - | yes | UINT16 | 0 | 1500 | 700 | °C | 1 | 10 | 0 | rw | yes | no | no |
| 2A08h (0) | pn08 | E.OH stop mode | V | - | yes | UINT8 | 0 | 1 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2A09h (0) | pn09 | OHI warning level | V | - | yes | UINT16 | 0 | 1500 | 600 | °C | 1 | 10 | 0 | rw | yes | no | no |
| 2A0Ah (0) | pn10 | E.OHI stop mode | V | - | yes | UINT8 | 0 | 1 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2A0Bh (0) | pn11 | dOH warning level | V | - | yes | UINT16 | 0 | 2000 | 1000 | °C | 1 | 10 | 0 | rw | yes | no | no |
| 2A0Ch (0) | pn12 | E.dOH stop mode | V | - | yes | UINT8 | 0 | 9 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2A0Dh (0) | pn13 | E.dOH delay time | V | - | yes | UINT16 | 0 | 1200 | 0 | s | 1 | 10 | 0 | rw | yes | no | no |
| 2A0Eh (0) | pn14 | dOH error level | V | - | yes | UINT16 | 0 | 2000 | 1500 | °C | 1 | 10 | 0 | rw | yes | no | no |
| 2A0Fh (0) | pn15 | OH2 warning level | V | - | yes | UINT16 | 0 | 1000 | 1000 | % | 1 | 10 | 0 | rw | yes | no | no |
| 2A10h (0) | pn16 | E.OH2 stop mode | V | - | yes | UINT8 | 0 | 9 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |

| | IDtxt | Name | C | A | PD | Type | Lower limit | Upper limit | Default | SI | Mult | Div | Offset | r/w | Cu | Sec | Sy |
|-----------|-------|--|---|---|-----|--------|-------------|-------------|-------------|---------|------|-----|--------|-----|-----|-----|----|
| 2A11h (0) | pn17 | eff. load time | V | - | yes | UINT16 | 1 | 30000 | 100 | s | 1 | 100 | 0 | rw | yes | no | no |
| 2A12h (0) | pn18 | sw.- switch limit left | V | - | yes | INT32 | -2147483648 | 2147483647 | -2147483648 | IN C | 1 | 1 | 0 | rw | yes | no | no |
| 2A13h (0) | pn19 | sw.- switch limit right | V | - | yes | INT32 | -2147483648 | 2147483647 | 2147483647 | IN C | 1 | 1 | 0 | rw | yes | no | no |
| 2A14h (0) | pn20 | E.SW-switch stop mode | V | - | yes | UINT8 | 0 | 8 | 7 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2A15h (0) | pn21 | fieldbus watchdog time | V | - | yes | INT16 | -2 | 16000 | 4000 | ms | 1 | 4 | 0 | rw | yes | no | no |
| 2A16h (0) | pn22 | E.fb watchdog stop mode | V | - | yes | UINT8 | 0 | 127 | 7 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2A18h (0) | pn24 | cross communication watchdog | S | - | yes | UINT8 | 5 | 5 | 5 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2A18h (1) | pn24 | cross communication watchdog stop mode | V | - | yes | UINT8 | 0 | 8 | 7 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2A18h (2) | pn24 | watchdog time 1st PDO | V | - | yes | INT16 | -2 | 16000 | 4000 | ms | 1 | 4 | 0 | rw | yes | no | no |
| 2A18h (3) | pn24 | watchdog time 2nd PDO | V | - | yes | INT16 | -2 | 16000 | 4000 | ms | 1 | 4 | 0 | rw | yes | no | no |
| 2A18h (4) | pn24 | watchdog time 3rd PDO | V | - | yes | INT16 | -2 | 16000 | 4000 | ms | 1 | 4 | 0 | rw | yes | no | no |
| 2A18h (5) | pn24 | watchdog time 4th PDO | V | - | yes | INT16 | -2 | 16000 | 4000 | ms | 1 | 4 | 0 | rw | yes | no | no |
| 2A19h (0) | pn25 | overspeed filter time | V | - | yes | UINT16 | 0 | 20000 | 0 | ms | 1 | 4 | 0 | rw | yes | no | no |
| 2A1Ah (0) | pn26 | overspeed level | V | - | yes | UINT16 | 0 | 8000 | 2000 | % | 1 | 10 | 0 | rw | yes | no | no |
| 2A1Bh (0) | pn27 | E.overspeed stop mode | V | - | yes | UINT8 | 0 | 255 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2A1Ch (0) | pn28 | warning mask | V | - | yes | UINT32 | 0 | 134217727 | 127 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2A1Dh (0) | pn29 | prg. error stop. mode | V | - | yes | UINT8 | 0 | 9 | 7 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2A1Eh (0) | pn30 | prg. error source | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2A1Fh (0) | pn31 | enable braking trans. source | V | - | yes | UINT16 | 0 | 4095 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2A20h (0) | pn32 | braking transistor level | V | - | no | UINT16 | 0 | 15000 | 7800 | V | 1 | 10 | 0 | rw | yes | no | no |
| 2A21h (0) | pn33 | braking transistor options | V | - | no | UINT16 | 0 | 511 | 5 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2A22h (0) | pn34 | E.encoder A stop mode | V | - | yes | UINT8 | 0 | 8 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2A23h (0) | pn35 | E.encoder B stop mode | V | - | yes | UINT8 | 0 | 8 | 7 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2A24h (0) | pn36 | max acc/dec level [s-2] | V | - | yes | INT32 | 1 | 1747626666 | 436906667 | - | 1 | 100 | 0 | rw | yes | no | no |
| 2A25h (0) | pn37 | E.max acc/dec stop mode | V | - | yes | UINT8 | 0 | 8 | 7 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2A26h (0) | pn38 | speed difference level | V | - | yes | UINT16 | 0 | 8000 | 50 | % | 1 | 10 | 0 | rw | yes | no | no |
| 2A27h (0) | pn39 | speed difference time | V | - | yes | UINT16 | 0 | 65535 | 100 | ms | 1 | 4 | 0 | rw | yes | no | no |
| 2A28h (0) | pn40 | speed difference stop mode | V | - | yes | UINT8 | 0 | 8 | 7 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2A29h (0) | pn41 | speed difference calculation mode | V | - | yes | UINT16 | 0 | 515 | 1 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2A2Ah (0) | pn42 | E.Uph stopping mode | V | - | yes | UINT8 | 0 | 8 | 7 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2A2Bh (0) | pn43 | UPS operation | S | - | yes | UINT8 | 5 | 5 | 5 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2A2Bh (1) | pn43 | enable UPS operation | V | - | yes | UINT8 | 0 | 2 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2A2Bh (2) | pn43 | UPS enable source | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2A2Bh (3) | pn43 | UPS operation UP offset | V | - | yes | UINT16 | 0 | 1000 | 0 | V | 1 | 10 | 0 | rw | yes | no | no |
| 2A2Bh (4) | pn43 | UPS UP error level | V | - | yes | UINT16 | 500 | 10000 | 2000 | V | 1 | 10 | 0 | ro | yes | no | no |
| 2A2Bh (5) | pn43 | UPS UP reset level | V | - | yes | UINT16 | 500 | 10000 | 2000 | V | 1 | 10 | 0 | ro | yes | no | no |
| 2A2Dh (0) | pn45 | fault reaction time | V | - | yes | INT16 | 0 | 30000 | 4000 | ms | 1 | 4 | 0 | rw | yes | no | no |

| | IDtxt | Name | C | A | PD | Type | Lower limit | Upper limit | Default | SI | Mult | Div | Offset | r/w | Cu | Sec | Sy |
|-----------|-------|----------------------------------|---|---|-----|--------|-------------|-------------|---------|-----------|------|------|--------|-----|-----|-----|----|
| 2A2Eh (0) | pn46 | fault reaction end src | V | - | yes | UINT16 | 0 | 4095 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2A2Fh (0) | pn47 | fault reaction ref velocity | V | - | yes | INT32 | -128000 | 128000 | 0 | 1/ min | 1 | 1 | 0 | rw | yes | no | no |
| 2A30h (0) | pn48 | fr acceleration for [s-2] | V | - | yes | INT32 | 1 | 1747626666 | 2000 | - | 1 | 100 | 0 | rw | yes | no | no |
| 2A31h (0) | pn49 | fr deceleration for [s-2] | V | - | yes | INT32 | 1 | 1747626666 | 2000 | - | 1 | 100 | 0 | rw | yes | no | no |
| 2A32h (0) | pn50 | fr acceleration rev [s-2] | V | - | yes | INT32 | 1 | 1747626666 | 2000 | - | 1 | 100 | 0 | rw | yes | no | no |
| 2A33h (0) | pn51 | fr deceleration rev [s-2] | V | - | yes | INT32 | 1 | 1747626666 | 2000 | - | 1 | 100 | 0 | rw | yes | no | no |
| 2A34h (0) | pn52 | fr for acc jerk ls [s-3] | V | - | yes | INT32 | 50 | 104857600 | 10000 | - | 1 | 100 | 0 | rw | yes | no | no |
| 2A35h (0) | pn53 | fr for acc jerk hs [s-3] | V | - | yes | INT32 | 50 | 104857600 | 10000 | - | 1 | 100 | 0 | rw | yes | no | no |
| 2A36h (0) | pn54 | fr for dec jerk hs [s-3] | V | - | yes | INT32 | 50 | 104857600 | 10000 | - | 1 | 100 | 0 | rw | yes | no | no |
| 2A37h (0) | pn55 | fr for dec jerk ls [s-3] | V | - | yes | INT32 | 50 | 104857600 | 10000 | - | 1 | 100 | 0 | rw | yes | no | no |
| 2A38h (0) | pn56 | fr rev acc jerk ls [s-3] | V | - | yes | INT32 | 50 | 104857600 | 10000 | - | 1 | 100 | 0 | rw | yes | no | no |
| 2A39h (0) | pn57 | fr rev acc jerk hs [s-3] | V | - | yes | INT32 | 50 | 104857600 | 10000 | - | 1 | 100 | 0 | rw | yes | no | no |
| 2A3Ah (0) | pn58 | fr rev dec jerk hs [s-3] | V | - | yes | INT32 | 50 | 104857600 | 10000 | - | 1 | 100 | 0 | rw | yes | no | no |
| 2A3Bh (0) | pn59 | fr rev dec jerk ls [s-3] | V | - | yes | INT32 | 50 | 104857600 | 10000 | - | 1 | 100 | 0 | rw | yes | no | no |
| 2A3Ch (0) | pn60 | fault reaction ramp mode | V | - | yes | UINT8 | 0 | 255 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2A3Eh (0) | pn62 | fault reaction properties | V | - | yes | UINT8 | 0 | 1 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2A46h (0) | pn70 | overspeed factor (EMF) | V | - | no | UINT16 | 0 | 1000 | 900 | % | 1 | 10 | 0 | rw | yes | no | no |
| 2A47h (0) | pn71 | E. overspeed (EMF) st. mode | V | - | yes | UINT8 | 0 | 8 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2A48h (0) | pn72 | overspeed level (EMF) | V | - | yes | UINT32 | 0 | 2147483647 | 0 | 1/ min | 1 | 8192 | 0 | ro | yes | no | no |
| 2A49h (0) | pn73 | E.enc A changed stop mode | V | - | yes | UINT8 | 0 | 8 | 7 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2A4Ah (0) | pn74 | E.enc B changed stop mode | V | - | yes | UINT8 | 0 | 8 | 7 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2A4Ch (0) | pn76 | UP2 delay time | V | - | no | UINT16 | 0 | 10000 | 0 | s | 1 | 1000 | 0 | rw | yes | no | no |
| 2A4Dh (0) | pn77 | E.UP2 stopping mode | V | - | no | UINT8 | 0 | 9 | 7 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2A4Eh (0) | pn78 | limit switch forward stop mode | V | - | yes | UINT8 | 0 | 8 | 7 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2A4Fh (0) | pn79 | limit switch reverse stop mode | V | - | yes | UINT8 | 0 | 8 | 7 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2A50h (0) | pn80 | safety stop mode | V | - | yes | UINT8 | 0 | 8 | 7 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2A51h (0) | pn81 | warning OH stop mode | V | - | yes | UINT8 | 0 | 8 | 6 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2A52h (0) | pn82 | warning OHI stop mode | V | - | yes | UINT8 | 0 | 8 | 6 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2A53h (0) | pn83 | auto retry activation | V | - | no | UINT16 | 0 | 3 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2A54h (0) | pn84 | auto retry UP configuration | S | - | no | UINT8 | 3 | 3 | 3 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2A54h (1) | pn84 | auto retry time | V | - | no | UINT16 | 0 | 1000 | 0 | s | 1 | 100 | 0 | rw | yes | no | no |
| 2A54h (2) | pn84 | fault supression mode | V | - | no | UINT16 | 0 | 7 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2A54h (3) | pn84 | auto retry UP acceleration [s-2] | V | - | no | INT32 | 0 | 1747626666 | 0 | - | 1 | 100 | 0 | rw | yes | no | no |
| 2A55h (0) | pn85 | variable mod off time | S | - | yes | UINT8 | 2 | 2 | 2 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2A55h (1) | pn85 | customer time usage | V | - | yes | UINT8 | 0 | 15 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2A55h (2) | pn85 | customer modulation off time | V | - | yes | UINT16 | 1 | 1000 | 5 | s | 1 | 100 | 0 | rw | yes | no | no |
| 2A56h (0) | pn86 | E.AnIn stop mode | V | - | yes | UINT8 | 0 | 136 | 7 | - | 1 | 1 | 0 | rw | yes | no | no |

| | IDtxt | Name | C | A | PD | Type | Lower limit | Upper limit | Default | SI | Mult | Div | Offset | r/w | Cu | Sec | Sy |
|-----------|-------|---------------------------------------|---|---|-----|--------|-------------|-------------|-----------|-----------|------|------|--------|-----|-----|-----|----|
| 2A57h (0) | pn87 | blockage protection | S | - | yes | UINT8 | 6 | 6 | 6 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2A57h (1) | pn87 | blockage mode | V | - | yes | UINT16 | 0 | 16383 | 5392 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2A57h (2) | pn87 | detection speed level | V | - | yes | UINT32 | 0 | 81920000 | 819200 | 1/ min | 1 | 8192 | 0 | rw | yes | no | no |
| 2A57h (3) | pn87 | detection time | V | - | yes | UINT16 | 0 | 10000 | 100 | s | 1 | 100 | 0 | rw | yes | no | no |
| 2A57h (4) | pn87 | blockage reaction time | V | - | yes | UINT16 | 0 | 10000 | 100 | s | 1 | 100 | 0 | rw | yes | no | no |
| 2A57h (5) | pn87 | lower limit reduce | V | - | yes | UINT16 | 0 | 100 | 20 | % | 1 | 1 | 0 | rw | yes | no | no |
| 2A57h (6) | pn87 | blockage detection status | V | - | yes | UINT8 | 0 | 4 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2A58h (0) | pn88 | relative load | S | - | yes | UINT8 | 4 | 4 | 4 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2A58h (1) | pn88 | display configuration | V | - | yes | UINT16 | 0 | 255 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2A58h (2) | pn88 | application torque limit | V | - | yes | UINT16 | 0 | 10000 | 0 | % | 1 | 10 | 0 | rw | yes | no | no |
| 2A58h (3) | pn88 | active torque limit | V | - | yes | UINT16 | 0 | 10001 | 0 | % | 1 | 10 | 0 | ro | yes | no | no |
| 2A58h (4) | pn88 | active thermal limit | V | - | yes | UINT16 | 0 | 10001 | 0 | % | 1 | 10 | 0 | ro | yes | no | no |
| 2A59h (0) | pn89 | warning braking resistor OH stop mode | V | - | yes | UINT8 | 0 | 7 | 6 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2A5Ah (0) | pn90 | braking resistor OH warning level | V | - | yes | UINT16 | 4000 | 10000 | 7000 | °C | 1 | 10 | 0 | rw | yes | no | no |
| 2A5Bh (0) | pn91 | braking resistor OH error level | V | - | yes | UINT16 | 4000 | 10000 | 8000 | °C | 1 | 10 | 0 | rw | yes | no | no |
| 2A5Ch (0) | pn92 | actual acceleration control | S | - | yes | UINT8 | 7 | 7 | 7 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2A5Ch (1) | pn92 | acceleration control stop mode | V | - | yes | UINT8 | 0 | 255 | 7 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2A5Ch (2) | pn92 | acceleration control level [s-2] | V | - | yes | INT32 | 1000 | 100000000 | 100000000 | - | 1 | 100 | 0 | rw | yes | no | no |
| 2A5Ch (3) | pn92 | acceleration PT1 time | V | - | yes | UINT32 | 0 | 1747626666 | 50000 | ms | 1 | 1000 | 0 | rw | yes | no | no |
| 2A5Ch (4) | pn92 | error signal filter time | V | - | yes | UINT16 | 0 | 20000 | 0 | ms | 1 | 4 | 0 | rw | yes | no | no |
| 2A5Ch (5) | pn92 | speed level for acc control | V | - | yes | UINT32 | 0 | 8192000 | 6400 | 1/ min | 1 | 64 | 0 | rw | yes | no | no |
| 2A5Dh (0) | pn93 | precharge settings | S | - | yes | UINT8 | 2 | 2 | 2 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2A5Dh (1) | pn93 | external precharge selection source | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2A5Dh (2) | pn93 | precharge state | V | - | yes | UINT16 | 0 | 8 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2A5Fh (0) | pn95 | OL protection function | S | - | yes | UINT8 | 7 | 7 | 7 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2A5Fh (1) | pn95 | OL protection activation | V | - | yes | UINT8 | 0 | 2 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2A5Fh (2) | pn95 | OL safety distance | V | - | yes | UINT8 | 1 | 250 | 100 | % | 1 | 10 | 0 | rw | yes | no | no |
| 2A5Fh (3) | pn95 | OL decrease range | V | - | yes | INT16 | 1 | 500 | 300 | % | 1 | 10 | 0 | rw | yes | no | no |
| 2A5Fh (4) | pn95 | Ol protection max current | V | - | yes | UINT16 | 1000 | 5000 | 5000 | % | 1 | 10 | 0 | rw | yes | no | no |
| 2A5Fh (5) | pn95 | Ol protection min current | V | - | yes | UINT16 | 100 | 1000 | 1000 | % | 1 | 10 | 0 | rw | yes | no | no |
| 2A5Fh (6) | pn95 | OL protection current step [% / s] | V | - | yes | INT16 | 1 | 1000 | 100 | - | 1 | 10 | 0 | rw | yes | no | no |
| 2A5Fh (7) | pn95 | OL protection current limit | V | - | yes | UINT16 | 1000 | 5000 | 2000 | % | 1 | 10 | 0 | ro | yes | no | no |
| 2A60h (0) | pn96 | OH heatsink protection | S | - | yes | UINT8 | 7 | 7 | 7 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2A60h (1) | pn96 | OH protection activation | V | - | yes | UINT16 | 0 | 1 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2A60h (3) | pn96 | OH decrease range | V | - | yes | INT16 | 10 | 200 | 50 | K | 1 | 10 | 0 | rw | yes | no | no |
| 2A60h (4) | pn96 | OH protection max current | V | - | yes | UINT16 | 1000 | 5000 | 5000 | % | 1 | 10 | 0 | rw | yes | no | no |
| 2A60h (5) | pn96 | OH protection min current | V | - | yes | UINT16 | 500 | 1500 | 950 | % | 1 | 10 | 0 | rw | yes | no | no |

| | IDtxt | Name | C | A | PD | Type | Lower limit | Upper limit | Default | SI | Mult | Div | Offset | r/w | Cu | Sec | Sy |
|-----------|-------|------------------------------------|---|----|-----|--------|-------------|-------------|---------|----|------|-----|--------|-----|-----|-----|-----|
| 2A60h (6) | pn96 | OH protection current step [% / s] | V | - | yes | INT16 | 1 | 1000 | 50 | - | 1 | 10 | 0 | rw | yes | no | no |
| 2A60h (7) | pn96 | OH current limit | V | - | yes | UINT16 | 0 | 2000 | 0 | % | 1 | 10 | 0 | rw | yes | no | no |
| 2A61h (0) | pn97 | dOH heatsink protection | S | - | yes | UINT8 | 7 | 7 | 7 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2A61h (1) | pn97 | dOH protection activation | V | - | yes | UINT16 | 0 | 1 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2A61h (3) | pn97 | dOH decrease range | V | - | yes | INT16 | 10 | 500 | 300 | K | 1 | 10 | 0 | rw | yes | no | no |
| 2A61h (4) | pn97 | dOH protection max current | V | - | yes | UINT16 | 1000 | 5000 | 1500 | % | 1 | 10 | 0 | rw | yes | no | no |
| 2A61h (5) | pn97 | dOH protection min current | V | - | yes | UINT16 | 500 | 5000 | 900 | % | 1 | 10 | 0 | rw | yes | no | no |
| 2A61h (7) | pn97 | dOH current limit | V | - | yes | UINT16 | 0 | 2000 | 0 | % | 1 | 10 | 0 | rw | yes | no | no |
| 1000h (0) | - | device type | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 1001h (0) | - | error register | V | - | yes | UINT8 | 0 | 255 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 1003h (0) | - | Pre-defined error field | S | - | no | UINT8 | 0 | 5 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1003h (1) | - | Standard error field | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 1003h (2) | - | Standard error field | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 1003h (3) | - | Standard error field | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 1003h (4) | - | Standard error field | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 1003h (5) | - | Standard error field | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 1005h (0) | - | cob-ID sync message | V | - | no | UINT32 | 128 | -1 | 128 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1006h (0) | - | communication cycle period | V | - | no | UINT32 | 0 | -1 | 0 | µs | 1 | 1 | 0 | rw | no | no | yes |
| 1008h (0) | - | Manufacturer device name | V | - | no | UINT8 | 0 | 20 | 1 | - | 1 | 1 | 0 | ro | yes | no | no |
| 1009h (0) | - | Hardware Version | V | - | no | UINT8 | 0 | 4 | 1 | - | 1 | 1 | 0 | ro | yes | no | no |
| 100Ah (0) | - | Software Version | V | - | no | UINT8 | 0 | 4 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 100Ch (0) | - | guard time | V | - | no | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 100Dh (0) | - | life time factor | V | - | no | UINT8 | 0 | 255 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1014h (0) | - | EMCY cob-ID | V | - | no | UINT32 | 128 | -1 | 128 | - | 1 | 1 | 0 | ro | no | no | yes |
| 1016h (0) | - | consumer heartbeat time | A | 10 | no | UINT32 | 0 | 8388607 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1017h (0) | - | producer heartbeat time | V | - | no | UINT16 | 0 | 65535 | 0 | ms | 1 | 1 | 0 | rw | no | no | yes |
| 1018h (0) | - | identity object | S | - | no | UINT8 | 4 | 4 | 4 | - | 1 | 1 | 0 | ro | yes | no | no |
| 1018h (1) | - | vendor ID | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 1018h (2) | - | product code | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 1018h (3) | - | revision number | V | - | no | UINT32 | 0 | 100000 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 1018h (4) | - | serial number | V | - | no | UINT32 | 0 | -1 | -1 | - | 1 | 1 | 0 | ro | yes | no | no |
| 1029h (0) | - | error behavior | A | 1 | no | UINT8 | 0 | 2 | 1 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1400h (0) | - | 1st RPDO communication parameter | S | - | no | UINT8 | 2 | 2 | 2 | - | 1 | 1 | 0 | ro | yes | no | no |
| 1400h (1) | - | cob-ID | V | - | no | UINT32 | 0 | -1 | 513 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1400h (2) | - | transmission type | V | - | no | UINT8 | 0 | 255 | 254 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1401h (0) | - | 2nd RPDO communication parameter | S | - | no | UINT8 | 2 | 2 | 2 | - | 1 | 1 | 0 | ro | yes | no | no |
| 1401h (1) | - | cob-ID | V | - | no | UINT32 | 0 | -1 | 769 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1401h (2) | - | transmission type | V | - | no | UINT8 | 0 | 255 | 254 | - | 1 | 1 | 0 | rw | no | no | yes |

| | IDtxt | Name | C | A | PD | Type | Lower limit | Upper limit | Default | SI | Mult | Div | Offset | r/w | Cu | Sec | Sy |
|------------|-------|----------------------------------|---|---|----|--------|-------------|-------------|---------|----|------|-----|--------|-----|-----|-----|-----|
| 1402h (0) | - | 3rd RPDO communication parameter | S | - | no | UINT8 | 2 | 2 | 2 | - | 1 | 1 | 0 | ro | yes | no | no |
| 1402h (1) | - | cob-ID | V | - | no | UINT32 | 0 | -1 | 1025 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1402h (2) | - | transmission type | V | - | no | UINT8 | 0 | 255 | 254 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1403h (0) | - | 4th RPDO communication parameter | S | - | no | UINT8 | 2 | 2 | 2 | - | 1 | 1 | 0 | ro | yes | no | no |
| 1403h (1) | - | cob-ID | V | - | no | UINT32 | 0 | -1 | 1281 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1403h (2) | - | transmission type | V | - | no | UINT8 | 0 | 255 | 254 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1600h (0) | - | 1st receive PDO mapping | S | - | no | UINT8 | 0 | 32 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1600h (1) | - | 1st Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1600h (2) | - | 2nd Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1600h (3) | - | 3rd Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1600h (4) | - | 4th Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1600h (5) | - | 5th Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1600h (6) | - | 6th Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1600h (7) | - | 7th Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1600h (8) | - | 8th Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1600h (9) | - | 9th Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1600h (10) | - | 10th Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1600h (11) | - | 11th Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1600h (12) | - | 12th Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1600h (13) | - | 13th Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1600h (14) | - | 14th Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1600h (15) | - | 15th Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1600h (16) | - | 16th Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1600h (17) | - | 17th Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1600h (18) | - | 18th Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1600h (19) | - | 19th Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1600h (20) | - | 20th Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1600h (21) | - | 21st Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1600h (22) | - | 22nd Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1600h (23) | - | 23rd Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1600h (24) | - | 24th Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1600h (25) | - | 25th Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1600h (26) | - | 26th Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1600h (27) | - | 27th Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1600h (28) | - | 28th Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1600h (29) | - | 29th Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1600h (30) | - | 30th Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1600h (31) | - | 31st Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |

| | IDtxt | Name | C | A | PD | Type | Lower limit | Upper limit | Default | SI | Mult | Div | Offset | r/w | Cu | Sec | Sy |
|------------|-------|----------------------------------|---|---|----|--------|-------------|-------------|---------|----|------|-----|--------|-----|-----|-----|-----|
| 1600h (32) | - | 32nd Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1601h (0) | - | 2nd receive PDO mapping | S | - | no | UINT8 | 0 | 8 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1601h (1) | - | 1st Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1601h (2) | - | 2nd Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1601h (3) | - | 3rd Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1601h (4) | - | 4th Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1601h (5) | - | 5th Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1601h (6) | - | 6th Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1601h (7) | - | 7th Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1601h (8) | - | 8th Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1602h (0) | - | 3rd receive PDO mapping | S | - | no | UINT8 | 0 | 8 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1602h (1) | - | 1st Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1602h (2) | - | 2nd Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1602h (3) | - | 3rd Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1602h (4) | - | 4th Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1602h (5) | - | 5th Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1602h (6) | - | 6th Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1602h (7) | - | 7th Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1602h (8) | - | 8th Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1603h (0) | - | 4th receive PDO mapping | S | - | no | UINT8 | 0 | 8 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1603h (1) | - | 1st Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1603h (2) | - | 2nd Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1603h (3) | - | 3rd Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1603h (4) | - | 4th Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1603h (5) | - | 5th Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1603h (6) | - | 6th Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1603h (7) | - | 7th Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1603h (8) | - | 8th Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1800h (0) | - | 1st TPDO communication parameter | S | - | no | UINT8 | 5 | 5 | 5 | - | 1 | 1 | 0 | ro | yes | no | no |
| 1800h (1) | - | cob-ID | V | - | no | UINT32 | 0 | -1 | 385 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1800h (2) | - | transmission type | V | - | no | UINT8 | 0 | 255 | 254 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1800h (3) | - | inhibit time | V | - | no | UINT16 | 0 | 65535 | 100 | ms | 1 | 10 | 0 | rw | no | no | yes |
| 1800h (4) | - | reserved | V | - | no | UINT8 | 0 | 0 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 1800h (5) | - | event time | V | - | no | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1801h (0) | - | 2nd TPDO communication parameter | S | - | no | UINT8 | 5 | 5 | 5 | - | 1 | 1 | 0 | ro | yes | no | no |
| 1801h (1) | - | cob-ID | V | - | no | UINT32 | 0 | -1 | 641 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1801h (2) | - | transmission type | V | - | no | UINT8 | 0 | 255 | 254 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1801h (3) | - | inhibit time | V | - | no | UINT16 | 0 | 65535 | 100 | ms | 1 | 10 | 0 | rw | no | no | yes |

| | IDtxt | Name | C | A | PD | Type | Lower limit | Upper limit | Default | SI | Mult | Div | Offset | r/w | Cu | Sec | Sy |
|------------|-------|----------------------------------|---|---|----|--------|-------------|-------------|---------|----|------|-----|--------|-----|-----|-----|-----|
| 1801h (4) | - | reserved | V | - | no | UINT8 | 0 | 0 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 1801h (5) | - | event time | V | - | no | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1802h (0) | - | 3rd TPDO communication parameter | S | - | no | UINT8 | 5 | 5 | 5 | - | 1 | 1 | 0 | ro | yes | no | no |
| 1802h (1) | - | cob-ID | V | - | no | UINT32 | 0 | -1 | 897 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1802h (2) | - | transmission type | V | - | no | UINT8 | 0 | 255 | 254 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1802h (3) | - | inhibit time | V | - | no | UINT16 | 0 | 65535 | 100 | ms | 1 | 10 | 0 | rw | no | no | yes |
| 1802h (4) | - | reserved | V | - | no | UINT8 | 0 | 0 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 1802h (5) | - | event time | V | - | no | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1803h (0) | - | 4th TPDO communication parameter | S | - | no | UINT8 | 5 | 5 | 5 | - | 1 | 1 | 0 | ro | yes | no | no |
| 1803h (1) | - | cob-ID | V | - | no | UINT32 | 0 | -1 | 1153 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1803h (2) | - | transmission type | V | - | no | UINT8 | 0 | 255 | 254 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1803h (3) | - | inhibit time | V | - | no | UINT16 | 0 | 65535 | 100 | ms | 1 | 10 | 0 | rw | no | no | yes |
| 1803h (4) | - | reserved | V | - | no | UINT8 | 0 | 0 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 1803h (5) | - | event time | V | - | no | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1A00h (0) | - | 1st transmit PDO mapping | S | - | no | UINT8 | 0 | 32 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1A00h (1) | - | 1st Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1A00h (2) | - | 2nd Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1A00h (3) | - | 3rd Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1A00h (4) | - | 4th Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1A00h (5) | - | 5th Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1A00h (6) | - | 6th Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1A00h (7) | - | 7th Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1A00h (8) | - | 8th Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1A00h (9) | - | 9th Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1A00h (10) | - | 10th Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1A00h (11) | - | 11th Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1A00h (12) | - | 12th Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1A00h (13) | - | 13th Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1A00h (14) | - | 14th Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1A00h (15) | - | 15th Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1A00h (16) | - | 16th Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1A00h (17) | - | 17th Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1A00h (18) | - | 18th Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1A00h (19) | - | 19th Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1A00h (20) | - | 20th Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1A00h (21) | - | 21st Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1A00h (22) | - | 22nd Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1A00h (23) | - | 23rd Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |

| | IDtxt | Name | C | A | PD | Type | Lower limit | Upper limit | Default | SI | Mult | Div | Offset | r/w | Cu | Sec | Sy |
|------------|-------|---------------------------------|---|---|----|--------|-------------|-------------|---------|----|------|-----|--------|-----|-----|-----|-----|
| 1A00h (24) | - | 24th Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1A00h (25) | - | 25th Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1A00h (26) | - | 26th Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1A00h (27) | - | 27th Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1A00h (28) | - | 28th Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1A00h (29) | - | 29th Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1A00h (30) | - | 30th Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1A00h (31) | - | 31st Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1A00h (32) | - | 32nd Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1A01h (0) | - | 2nd transmit PDO mapping | S | - | no | UINT8 | 0 | 8 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1A01h (1) | - | 1st Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1A01h (2) | - | 2nd Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1A01h (3) | - | 3rd Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1A01h (4) | - | 4th Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1A01h (5) | - | 5th Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1A01h (6) | - | 6th Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1A01h (7) | - | 7th Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1A01h (8) | - | 8th Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1A02h (0) | - | 3rd transmit PDO mapping | S | - | no | UINT8 | 0 | 8 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1A02h (1) | - | 1st Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1A02h (2) | - | 2nd Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1A02h (3) | - | 3rd Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1A02h (4) | - | 4th Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1A02h (5) | - | 5th Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1A02h (6) | - | 6th Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1A02h (7) | - | 7th Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1A02h (8) | - | 8th Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1A03h (0) | - | 4th transmit PDO mapping | S | - | no | UINT8 | 0 | 8 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1A03h (1) | - | 1st Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1A03h (2) | - | 2nd Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1A03h (3) | - | 3rd Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1A03h (4) | - | 4th Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1A03h (5) | - | 5th Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1A03h (6) | - | 6th Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1A03h (7) | - | 7th Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1A03h (8) | - | 8th Mapped Object | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1C00h (0) | - | Sync Manager Communication Type | A | 4 | no | UINT8 | 0 | 4 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 1C12h (0) | - | sync manager 2 PDO assign | A | 2 | no | UINT16 | 5632 | 5633 | 5632 | - | 1 | 1 | 0 | rw | no | no | yes |

| | IDtxt | Name | C | A | PD | Type | Lower limit | Upper limit | Default | SI | Mult | Div | Offset | r/w | Cu | Sec | Sy |
|------------|-------|-------------------------------|---|---|-----|--------|-------------|-------------|---------|-----------|------|------|--------|-----|-----|-----|-----|
| 1C13h (0) | - | sync manager 3 PDO assign | A | 2 | no | UINT16 | 6656 | 6657 | 6656 | - | 1 | 1 | 0 | rw | no | no | yes |
| 1C32h (0) | - | Output sync manager para | S | - | no | UINT8 | 32 | 32 | 32 | - | 1 | 1 | 0 | ro | yes | no | no |
| 1C32h (1) | - | Sync mode | V | - | no | UINT16 | 0 | 3 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 1C32h (2) | - | Cycle Time | V | - | no | UINT32 | 0 | 16000000 | 500000 | µs | 1 | 1000 | 0 | rw | no | no | yes |
| 1C32h (4) | - | Sync modes supported | V | - | no | UINT16 | 0 | 65535 | 5 | - | 1 | 1 | 0 | ro | yes | no | no |
| 1C32h (5) | - | Minimum Cycle Time | V | - | no | UINT32 | 0 | 16000000 | 500000 | µs | 1 | 1000 | 0 | ro | yes | no | no |
| 1C32h (6) | - | Calc and Copy Time | V | - | no | UINT32 | 0 | -1 | 0 | µs | 1 | 1000 | 0 | ro | yes | no | no |
| 1C32h (11) | - | SM-Event Missed | V | - | no | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 1C32h (12) | - | Cycle Time Too Small | V | - | no | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 1C32h (32) | - | Sync Error | V | - | yes | UINT8 | 0 | 1 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 1C33h (0) | - | Input sync manager para | S | - | no | UINT8 | 32 | 32 | 32 | - | 1 | 1 | 0 | ro | yes | no | no |
| 1C33h (1) | - | Sync mode | V | - | no | UINT16 | 0 | 3 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 1C33h (2) | - | Cycle Time | V | - | no | UINT32 | 0 | 16000000 | 500000 | µs | 1 | 1000 | 0 | rw | no | no | yes |
| 1C33h (4) | - | Sync modes supported | V | - | no | UINT16 | 0 | 65535 | 5 | - | 1 | 1 | 0 | ro | yes | no | no |
| 1C33h (5) | - | Minimum Cycle Time | V | - | no | UINT32 | 0 | 16000000 | 500000 | µs | 1 | 1000 | 0 | ro | yes | no | no |
| 1C33h (6) | - | Calc and Copy Time | V | - | no | UINT32 | 0 | -1 | 0 | µs | 1 | 1000 | 0 | ro | yes | no | no |
| 1C33h (11) | - | SM-Event Missed | V | - | no | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 1C33h (12) | - | Cycle Time Too Small | V | - | no | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 1C33h (32) | - | Sync Error | V | - | yes | UINT8 | 0 | 1 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 603Fh (0) | - | error code | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 6040h (0) | - | controlword | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 6041h (0) | - | statusword | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 6042h (0) | - | vl target velocity | V | - | yes | INT16 | -32767 | 32767 | 0 | 1/ min | 1 | 1 | 0 | rw | yes | no | no |
| 6043h (0) | - | vl velocity demand | V | - | yes | INT16 | -32767 | 32767 | 0 | 1/ min | 1 | 1 | 0 | ro | yes | no | no |
| 6044h (0) | - | vl velocity actual value | V | - | yes | INT16 | -32767 | 32767 | 0 | 1/ min | 1 | 1 | 0 | ro | yes | no | no |
| 6046h (0) | - | vl velocity min max amount | S | - | no | UINT8 | 2 | 2 | 2 | - | 1 | 1 | 0 | ro | yes | no | no |
| 6046h (1) | - | vl velocity min amount | V | - | yes | UINT32 | 0 | 128000 | 0 | 1/ min | 1 | 1 | 0 | rw | yes | no | no |
| 6046h (2) | - | vl velocity max amount | V | - | yes | UINT32 | 0 | 128000 | 2000 | 1/ min | 1 | 1 | 0 | rw | yes | no | no |
| 6048h (0) | - | vl velocity acceleration | S | - | no | UINT8 | 2 | 2 | 2 | - | 1 | 1 | 0 | ro | yes | no | no |
| 6048h (1) | - | delta speed | V | - | no | UINT32 | 0 | -1 | 1200 | 1/ min | 1 | 1 | 0 | rw | yes | no | no |
| 6048h (2) | - | delta time | V | - | no | UINT16 | 1 | 65535 | 1 | s | 1 | 1 | 0 | rw | yes | no | no |
| 605Ah (0) | - | quick stop option code | V | - | no | INT16 | -6 | 0 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 605Bh (0) | - | shutdown option code | V | - | no | INT16 | -2 | 1 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 605Ch (0) | - | disable operation option code | V | - | no | INT16 | -2 | 1 | 1 | - | 1 | 1 | 0 | rw | yes | no | no |

| | IDtxt | Name | C | A | PD | Type | Lower limit | Upper limit | Default | SI | Mult | Div | Offset | r/w | Cu | Sec | Sy |
|-----------|-------|--------------------------------|---|---|-----|--------|-------------|-------------|-------------|----|------|-----|--------|-----|-----|-----|----|
| 605Eh (0) | - | fault reaction option code | V | - | no | INT16 | -1 | 0 | -1 | - | 1 | 1 | 0 | rw | yes | no | no |
| 6060h (0) | - | modes of operation | V | - | yes | INT8 | -2 | 10 | 2 | - | 1 | 1 | 0 | rw | yes | no | no |
| 6061h (0) | - | modes of operation display | V | - | yes | INT8 | -1 | 127 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 6062h (0) | - | position demand value | V | - | yes | INT32 | -2147483647 | 2147483647 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 6064h (0) | - | position actual value | V | - | yes | INT32 | -2147483647 | 2147483647 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 6065h (0) | - | following error window | V | - | no | UINT32 | 0 | 2147483647 | 5000 | - | 1 | 1 | 0 | rw | yes | no | no |
| 6066h (0) | - | following error time out | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 6067h (0) | - | position window | V | - | no | UINT32 | 0 | 2147483647 | 5000 | - | 1 | 1 | 0 | rw | yes | no | no |
| 6068h (0) | - | position window time | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 606Bh (0) | - | velocity demand value | V | - | yes | INT32 | -2147483647 | 2147483647 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 606Ch (0) | - | velocity actual value | V | - | yes | INT32 | -2147483647 | 2147483647 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 6071h (0) | - | target torque | V | - | yes | INT16 | -32767 | 32767 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 6072h (0) | - | max torque | V | - | yes | UINT16 | 0 | 10000 | 2000 | - | 1 | 1 | 0 | rw | yes | no | no |
| 6077h (0) | - | torque actual value | V | - | yes | INT16 | -32767 | 32767 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 607Ah (0) | - | target position | V | - | yes | INT32 | -2147483648 | 2147483647 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 607Bh (0) | - | position range limit | S | - | yes | UINT8 | 2 | 2 | 2 | - | 1 | 1 | 0 | ro | yes | no | no |
| 607Bh (1) | - | min position range limit | V | - | yes | INT32 | -2147483648 | 2147483647 | -2147483648 | - | 1 | 1 | 0 | rw | yes | no | no |
| 607Bh (2) | - | max position range limit | V | - | yes | INT32 | -2147483648 | 2147483647 | 2147483647 | - | 1 | 1 | 0 | rw | yes | no | no |
| 607Ch (0) | - | home offset | V | - | yes | INT32 | -2147483648 | 2147483647 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 607Dh (0) | - | software position limit | S | - | yes | UINT8 | 2 | 2 | 2 | - | 1 | 1 | 0 | ro | yes | no | no |
| 607Dh (1) | - | min position limit | V | - | yes | INT32 | -2147483648 | 2147483647 | -2147483648 | - | 1 | 1 | 0 | rw | yes | no | no |
| 607Dh (2) | - | max position limit | V | - | yes | INT32 | -2147483648 | 2147483647 | 2147483647 | - | 1 | 1 | 0 | rw | yes | no | no |
| 607Fh (0) | - | max profile velocity | V | - | yes | UINT32 | 0 | 128000 | 1000 | - | 1 | 1 | 0 | rw | yes | no | no |
| 6080h (0) | - | max motor speed | V | - | yes | UINT32 | 0 | 128000 | 128000 | - | 1 | 1 | 0 | rw | yes | no | no |
| 6081h (0) | - | profile velocity | V | - | yes | UINT32 | 0 | 128000 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 6082h (0) | - | end velocity | V | - | yes | UINT32 | 0 | 128000 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 6083h (0) | - | profile acceleration | V | - | yes | UINT32 | 655 | -1 | 1310720 | - | 1 | 1 | 0 | rw | yes | no | no |
| 6098h (0) | - | homing method | V | - | yes | INT8 | 1 | 37 | 37 | - | 1 | 1 | 0 | rw | yes | no | no |
| 6099h (0) | - | homing speeds | S | - | yes | UINT8 | 2 | 2 | 2 | - | 1 | 1 | 0 | ro | yes | no | no |
| 6099h (1) | - | speed during search for switch | V | - | yes | UINT32 | 0 | 2147483647 | 800 | - | 1 | 1 | 0 | rw | yes | no | no |
| 6099h (2) | - | speed during search for zero | V | - | yes | UINT32 | 0 | 2147483647 | 400 | - | 1 | 1 | 0 | rw | yes | no | no |
| 609Ah (0) | - | homing acceleration | V | - | yes | UINT32 | 1 | 1747626666 | 2000 | - | 1 | 1 | 0 | rw | yes | no | no |
| 60B1h (0) | - | velocity offset | V | - | yes | INT32 | -2147483647 | 2147483647 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 60B2h (0) | - | torque offset | V | - | yes | INT16 | -32767 | 32767 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 60B8h (0) | - | touch probe function | V | - | yes | UINT16 | 0 | 59 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 60B9h (0) | - | touch probe status | V | - | yes | UINT16 | 0 | 255 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 60BAh (0) | - | touch probe pos1 pos value | V | - | yes | INT32 | -2147483647 | 2147483647 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 60BBh (0) | - | touch probe pos1 neg value | V | - | yes | INT32 | -2147483647 | 2147483647 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |

| | IDtxt | Name | C | A | PD | Type | Lower limit | Upper limit | Default | SI | Mult | Div | Offset | r/w | Cu | Sec | Sy |
|-----------|-------|--|---|---|-----|--------|-------------|-------------|-------------|--------|------|-----|--------|-----|-----|-----|-----|
| 60C2h (0) | - | interpolation time period | S | - | no | UINT8 | 2 | 2 | 2 | - | 1 | 1 | 0 | ro | no | no | yes |
| 60C2h (1) | - | interpolation time value | V | - | no | UINT8 | 0 | 127 | 0 | - | 1 | 1 | 0 | rw | no | no | yes |
| 60C2h (2) | - | interpolation time index | V | - | no | INT8 | -128 | 63 | -6 | - | 1 | 1 | 0 | rw | no | no | yes |
| 60D0h (0) | - | touch probe source | S | - | no | UINT8 | 1 | 1 | 1 | - | 1 | 1 | 0 | ro | yes | no | no |
| 60D0h (1) | - | touch probe 1 source | V | - | no | INT16 | 1 | 5 | 1 | - | 1 | 1 | 0 | rw | yes | no | no |
| 60E0h (0) | - | positive torque limit value | V | - | yes | UINT16 | 0 | 10000 | 5000 | - | 1 | 1 | 0 | rw | yes | no | no |
| 60E1h (0) | - | negative torque limit value | V | - | yes | UINT16 | 0 | 10000 | 5000 | - | 1 | 1 | 0 | rw | yes | no | no |
| 60F4h (0) | - | following error actual value | V | - | yes | INT32 | -2147483647 | 2147483647 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 60FFh (0) | - | target velocity | V | - | yes | INT32 | -2147483647 | 2147483647 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2E00h (0) | ps00 | position control mode | V | - | yes | UINT16 | 0 | 2 | 1 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2E01h (0) | ps01 | KP position controller | V | - | yes | UINT16 | 0 | 65000 | 100 | 1/ min | 1 | 10 | 0 | rw | yes | no | no |
| 2E02h (0) | ps02 | KP zero speed position ctrl | V | - | yes | UINT16 | 0 | 65000 | 0 | 1/ min | 1 | 10 | 0 | rw | yes | no | no |
| 2E03h (0) | ps03 | KP speed limit reduction % | V | - | no | UINT16 | 0 | 1000 | 0 | % | 1 | 10 | 0 | rw | yes | no | no |
| 2E04h (0) | ps04 | speed limit for ps03 | V | - | yes | INT32 | 0 | 128000 | 3000 | 1/ min | 1 | 1 | 0 | rw | yes | no | no |
| 2E0Ah (0) | ps10 | position ctrl limit % | V | - | no | UINT16 | 0 | 10000 | 100 | % | 1 | 10 | 0 | rw | yes | no | no |
| 2E0Ch (0) | ps12 | (CiA 0x6065) following error window | V | - | no | UINT32 | 0 | 2147483647 | 5000 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2E0Dh (0) | ps13 | (CiA 0x6066) following error time out | V | - | yes | UINT16 | 0 | 65535 | 0 | ms | 1 | 1 | 0 | rw | yes | no | no |
| 2E0Eh (0) | ps14 | (CiA 0x6067) position window | V | - | no | UINT32 | 0 | 2147483647 | 5000 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2E0Fh (0) | ps15 | (CiA 0x6068) position window time | V | - | yes | UINT16 | 0 | 65535 | 0 | ms | 1 | 1 | 0 | rw | yes | no | no |
| 2E10h (0) | ps16 | (CiA 0x607D [2]) max software position limit | V | - | yes | INT32 | -2147483648 | 2147483647 | 2147483647 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2E11h (0) | ps17 | (CiA 0x607D [1]) min software position limit | V | - | yes | INT32 | -2147483648 | 2147483647 | -2147483648 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2E12h (0) | ps18 | (CiA 0x607B [1]) min position range limit | V | - | yes | INT32 | -2147483648 | 2147483647 | -2147483648 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2E13h (0) | ps19 | (CiA 0x607B [2]) max position range limit | V | - | yes | INT32 | -2147483648 | 2147483647 | 2147483647 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2E14h (0) | ps20 | range ref window | V | - | yes | INT32 | 0 | 2147483647 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2E15h (0) | ps21 | ref error count | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2E16h (0) | ps22 | posi setup state | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2E17h (0) | ps23 | position range periods | V | - | no | UINT16 | 0 | 32767 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2E18h (0) | ps24 | range correction | V | - | no | UINT16 | 0 | 2048 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2E1Eh (0) | ps30 | (CiA 0x6081) profile velocity | V | - | yes | UINT32 | 0 | 128000 | 0 | 1/ min | 1 | 1 | 0 | rw | yes | no | no |
| 2E1Fh (0) | ps31 | (CiA 0x6082) end velocity | V | - | yes | UINT32 | 0 | 128000 | 0 | 1/ min | 1 | 1 | 0 | rw | yes | no | no |
| 2E20h (0) | ps32 | (CiA 0x607F) max profile velocity | V | - | yes | UINT32 | 0 | 128000 | 1000 | 1/ min | 1 | 1 | 0 | rw | yes | no | no |
| 2E21h (0) | ps33 | absolute positioning | V | - | yes | UINT8 | 0 | 8 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2E23h (0) | ps35 | feed forward speed num | V | - | yes | INT32 | -1073741824 | 1073741823 | 1000 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2E24h (0) | ps36 | feed forward speed denom | V | - | yes | INT32 | 1 | 1073741823 | 1000 | - | 1 | 1 | 0 | rw | yes | no | no |

| | IDtxt | Name | C | A | PD | Type | Lower limit | Upper limit | Default | SI | Mult | Div | Offset | r/w | Cu | Sec | Sy |
|-----------|-------|---------------------------|---|----|-----|--------|-------------|-------------|---------|-----------|------|------|--------|-----|-----|-----|----|
| 2E26h (0) | ps38 | positioning module | V | - | yes | UINT8 | 0 | 63 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2E27h (0) | ps39 | index position | A | 32 | yes | INT32 | -2147483648 | 2147483647 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2E28h (0) | ps40 | index speed | A | 32 | yes | INT32 | -128000 | 128000 | 0 | 1/ min | 1 | 1 | 0 | rw | yes | no | no |
| 2E29h (0) | ps41 | index end speed | A | 32 | yes | INT32 | -128000 | 128000 | 0 | 1/ min | 1 | 1 | 0 | rw | yes | no | no |
| 2E2Ah (0) | ps42 | next index | A | 32 | yes | INT8 | -1 | 31 | -1 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2E2Bh (0) | ps43 | index mode | A | 32 | yes | UINT8 | 0 | 9 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2E2Ch (0) | ps44 | immediately input | V | - | yes | UINT16 | 0 | 16383 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2E2Dh (0) | ps45 | immediately index | V | - | yes | INT8 | -1 | 31 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2E2Eh (0) | ps46 | start index | V | - | yes | INT8 | -1 | 31 | -1 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2E2Fh (0) | ps47 | active index | V | - | yes | INT8 | -1 | 31 | -1 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2E30h (0) | ps48 | ps acceleration for [s-2] | V | - | yes | INT32 | 1 | 1747626666 | 2000 | - | 1 | 100 | 0 | rw | yes | no | no |
| 2E31h (0) | ps49 | ps deceleration for [s-2] | V | - | yes | INT32 | 1 | 1747626666 | 2000 | - | 1 | 100 | 0 | rw | yes | no | no |
| 2E32h (0) | ps50 | ps acceleration rev [s-2] | V | - | yes | INT32 | 1 | 1747626666 | 2000 | - | 1 | 100 | 0 | rw | yes | no | no |
| 2E33h (0) | ps51 | ps deceleration rev [s-2] | V | - | yes | INT32 | 1 | 1747626666 | 2000 | - | 1 | 100 | 0 | rw | yes | no | no |
| 2E34h (0) | ps52 | ps for acc jerk ls [s-3] | V | - | yes | INT32 | 50 | 104857600 | 10000 | - | 1 | 100 | 0 | rw | yes | no | no |
| 2E35h (0) | ps53 | ps for acc jerk hs [s-3] | V | - | yes | INT32 | 50 | 104857600 | 10000 | - | 1 | 100 | 0 | rw | yes | no | no |
| 2E36h (0) | ps54 | ps for dec jerk hs [s-3] | V | - | yes | INT32 | 50 | 104857600 | 10000 | - | 1 | 100 | 0 | rw | yes | no | no |
| 2E37h (0) | ps55 | ps for dec jerk ls [s-3] | V | - | yes | INT32 | 50 | 104857600 | 10000 | - | 1 | 100 | 0 | rw | yes | no | no |
| 2E38h (0) | ps56 | ps rev acc jerk ls [s-3] | V | - | yes | INT32 | 50 | 104857600 | 10000 | - | 1 | 100 | 0 | rw | yes | no | no |
| 2E39h (0) | ps57 | ps rev acc jerk hs [s-3] | V | - | yes | INT32 | 50 | 104857600 | 10000 | - | 1 | 100 | 0 | rw | yes | no | no |
| 2E3Ah (0) | ps58 | ps rev dec jerk hs [s-3] | V | - | yes | INT32 | 50 | 104857600 | 10000 | - | 1 | 100 | 0 | rw | yes | no | no |
| 2E3Bh (0) | ps59 | ps rev dec jerk ls [s-3] | V | - | yes | INT32 | 50 | 104857600 | 10000 | - | 1 | 100 | 0 | rw | yes | no | no |
| 2E3Ch (0) | ps60 | ps ramp mode | V | - | yes | UINT8 | 0 | 255 | 8 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2C01h (0) | ru01 | exception state | V | - | yes | UINT8 | 0 | 255 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2C02h (0) | ru02 | warning bits | V | - | yes | UINT32 | 0 | 134217727 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2C03h (0) | ru03 | warning state | V | - | yes | UINT8 | 0 | 255 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2C04h (0) | ru04 | supply unit state | V | - | yes | UINT8 | 0 | 255 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2C05h (0) | ru05 | set value display | V | - | yes | INT32 | -2147483647 | 2147483647 | 0 | 1/ min | 1 | 8192 | 0 | ro | yes | no | no |
| 2C06h (0) | ru06 | ramp out display | V | - | yes | INT32 | -2147483647 | 2147483647 | 0 | 1/ min | 1 | 8192 | 0 | ro | yes | no | no |
| 2C07h (0) | ru07 | act. frequency | V | - | yes | INT32 | -2147483647 | 2147483647 | 0 | Hz | 1 | 8192 | 0 | ro | yes | no | no |
| 2C08h (0) | ru08 | act. value | V | - | yes | INT32 | -2147483647 | 2147483647 | 0 | 1/ min | 1 | 8192 | 0 | ro | yes | no | no |
| 2C09h (0) | ru09 | act. encoder speed | V | - | yes | INT32 | -2147483647 | 2147483647 | 0 | 1/ min | 1 | 8192 | 0 | ro | yes | no | no |
| 2C0Ah (0) | ru10 | act. apparent current | V | - | yes | INT32 | -110000 | 110000 | 0 | A | 1 | 100 | 0 | ro | yes | no | no |
| 2C0Bh (0) | ru11 | act. active current | V | - | yes | INT32 | -110000 | 110000 | 0 | A | 1 | 100 | 0 | ro | yes | no | no |

| | IDtxt | Name | C | A | PD | Type | Lower limit | Upper limit | Default | SI | Mult | Div | Offset | r/w | Cu | Sec | Sy |
|-----------|-------|-----------------------------------|---|---|-----|--------|-------------|-------------|---------|----|------|-------|--------|-----|-----|-----|----|
| 2C0Ch (0) | ru12 | act. reactive current | V | - | yes | INT32 | -110000 | 110000 | 0 | A | 1 | 100 | 0 | ro | yes | no | no |
| 2C0Dh (0) | ru13 | peak apparent current | V | - | yes | INT32 | -110000 | 110000 | 0 | A | 1 | 100 | 0 | rw | yes | no | no |
| 2C0Eh (0) | ru14 | act. Uic voltage | V | - | yes | UINT16 | 0 | 65535 | 0 | V | 1 | 10 | 0 | ro | yes | no | no |
| 2C0Fh (0) | ru15 | peak Uic voltage | V | - | yes | UINT16 | 0 | 65535 | 0 | V | 1 | 10 | 0 | rw | yes | no | no |
| 2C10h (0) | ru16 | act. output voltage | V | - | yes | UINT16 | 0 | 10000 | 0 | V | 1 | 10 | 0 | ro | yes | no | no |
| 2C11h (0) | ru17 | modulation grade | V | - | yes | UINT16 | 0 | 1100 | 0 | % | 100 | 16384 | 0 | ro | yes | no | no |
| 2C12h (0) | ru18 | dig. input state | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2C13h (0) | ru19 | internal output state | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2C14h (0) | ru20 | dig. output state | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2C15h (0) | ru21 | dig. output flags | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2C17h (0) | ru23 | reference torque | V | - | yes | INT16 | -32768 | 32767 | 0 | % | 1 | 10 | 0 | ro | yes | no | no |
| 2C18h (0) | ru24 | actual torque | V | - | yes | INT16 | -32768 | 32767 | 0 | % | 1 | 10 | 0 | ro | yes | no | no |
| 2C19h (0) | ru25 | heatsink temperature values | S | - | yes | UINT8 | 4 | 4 | 4 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2C19h (1) | ru25 | heatsink temperature 1 | V | - | yes | INT16 | -32767 | 32767 | 0 | °C | 1 | 10 | 0 | ro | yes | no | no |
| 2C19h (2) | ru25 | heatsink temperature 2 | V | - | yes | INT16 | -32767 | 32767 | 0 | °C | 1 | 10 | 0 | ro | yes | no | no |
| 2C19h (3) | ru25 | heatsink temperature 3 | V | - | yes | INT16 | -32767 | 32767 | 0 | °C | 1 | 10 | 0 | ro | yes | no | no |
| 2C19h (4) | ru25 | minimal distance to OH | V | - | yes | INT16 | -32767 | 32767 | 0 | °C | 1 | 10 | 0 | ro | yes | no | no |
| 2C1Ah (0) | ru26 | internal temperature values | S | - | yes | UINT8 | 5 | 5 | 5 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2C1Ah (1) | ru26 | internal temperature PU 1 | V | - | yes | INT16 | -32767 | 32767 | 0 | °C | 1 | 10 | 0 | ro | yes | no | no |
| 2C1Ah (2) | ru26 | internal temperature PU 2 | V | - | yes | INT16 | -32767 | 32767 | 0 | °C | 1 | 10 | 0 | ro | yes | no | no |
| 2C1Ah (3) | ru26 | internal temperature PU 3 | V | - | yes | INT16 | -32767 | 32767 | 0 | °C | 1 | 10 | 0 | ro | yes | no | no |
| 2C1Ah (4) | ru26 | minimal distance to OHI | V | - | yes | INT16 | -32767 | 32767 | 0 | °C | 1 | 10 | 0 | ro | yes | no | no |
| 2C1Ah (5) | ru26 | internal temperature CB | V | - | yes | INT16 | -32767 | 32767 | 0 | °C | 1 | 10 | 0 | ro | yes | no | no |
| 2C1Bh (0) | ru27 | OL2 counter | V | - | yes | UINT16 | 0 | 1000 | 0 | % | 1 | 10 | 0 | ro | yes | no | no |
| 2C1Ch (0) | ru28 | motor temperature | V | - | yes | INT16 | -32767 | 32767 | 0 | °C | 1 | 10 | 0 | ro | yes | no | no |
| 2C1Dh (0) | ru29 | OL counter | V | - | yes | UINT16 | 0 | 1000 | 0 | % | 1 | 10 | 0 | ro | yes | no | no |
| 2C1Eh (0) | ru30 | internal communication state | V | - | yes | UINT32 | 0 | 2147483647 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2C20h (0) | ru32 | motor prot. counter | V | - | yes | UINT16 | 0 | 1000 | 0 | % | 1 | 10 | 0 | ro | yes | no | no |
| 2C21h (0) | ru33 | position actual value | V | - | yes | INT32 | -2147483647 | 2147483647 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2C22h (0) | ru34 | act. torque lim. mot for | V | - | yes | INT16 | 0 | 10000 | 0 | % | 1 | 10 | 0 | ro | yes | no | no |
| 2C23h (0) | ru35 | act. torque lim. mot rev | V | - | yes | INT16 | 0 | 10000 | 0 | % | 1 | 10 | 0 | ro | yes | no | no |
| 2C24h (0) | ru36 | act. torque lim. gen for | V | - | yes | INT16 | 0 | 10000 | 0 | % | 1 | 10 | 0 | ro | yes | no | no |
| 2C25h (0) | ru37 | act. torque lim. gen rev | V | - | yes | INT16 | 0 | 10000 | 0 | % | 1 | 10 | 0 | ro | yes | no | no |
| 2C26h (0) | ru38 | position value before gear factor | S | - | yes | UINT8 | 3 | 3 | 3 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2C26h (1) | ru38 | gearless position value | V | - | yes | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2C26h (2) | ru38 | gearless revolutions | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2C26h (3) | ru38 | gearless position low | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2C29h (0) | ru41 | dig. input terminal state | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |

| | IDtxt | Name | C | A | PD | Type | Lower limit | Upper limit | Default | SI | Mult | Div | Offset | r/w | Cu | Sec | Sy |
|-----------|-------|-----------------------------------|---|---|-----|--------|-------------|-------------|---------|-----------|------|------|--------|-----|-----|-----|----|
| 2C2Ah (0) | ru42 | AN1 value display | V | - | yes | INT16 | -1000 | 1000 | 0 | % | 100 | 4096 | 0 | ro | yes | no | no |
| 2C2Bh (0) | ru43 | AN1 after gain display | V | - | yes | INT16 | -1000 | 1000 | 0 | % | 100 | 4096 | 0 | ro | yes | no | no |
| 2C2Ch (0) | ru44 | AN2 value display | V | - | yes | INT16 | -1000 | 1000 | 0 | % | 100 | 4096 | 0 | ro | yes | no | no |
| 2C2Dh (0) | ru45 | AN2 after gain display | V | - | yes | INT16 | -1000 | 1000 | 0 | % | 100 | 4096 | 0 | ro | yes | no | no |
| 2C2Eh (0) | ru46 | AN3 value display | V | - | yes | INT16 | -1000 | 1000 | 0 | % | 100 | 4096 | 0 | ro | yes | no | no |
| 2C2Fh (0) | ru47 | AN3 after gain display | V | - | yes | INT16 | -1000 | 1000 | 0 | % | 100 | 4096 | 0 | ro | yes | no | no |
| 2C30h (0) | ru48 | analog REF display | V | - | yes | INT16 | -1000 | 1000 | 0 | % | 100 | 4096 | 0 | ro | yes | no | no |
| 2C31h (0) | ru49 | analog AUX display | V | - | yes | INT16 | -1000 | 1000 | 0 | % | 100 | 4096 | 0 | ro | yes | no | no |
| 2C32h (0) | ru50 | act. torque lim. pos. | V | - | yes | INT16 | 0 | 10000 | 0 | % | 1 | 10 | 0 | ro | yes | no | no |
| 2C33h (0) | ru51 | act. torque lim. neg. | V | - | yes | INT16 | 0 | 10000 | 0 | % | 1 | 10 | 0 | ro | yes | no | no |
| 2C34h (0) | ru52 | system date | V | - | yes | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2C35h (0) | ru53 | system time | V | - | yes | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2C36h (0) | ru54 | PID xd | V | - | yes | INT16 | -1000 | 1000 | 0 | % | 100 | 4096 | 0 | ro | yes | no | no |
| 2C37h (0) | ru55 | PID output value | V | - | yes | INT16 | -1000 | 1000 | 0 | % | 100 | 4096 | 0 | ro | yes | no | no |
| 2C39h (0) | ru57 | eff. motor load | V | - | yes | UINT16 | 0 | 65535 | 0 | % | 1 | 10 | 0 | ro | yes | no | no |
| 2C3Ah (0) | ru58 | actual index | V | - | yes | UINT8 | 0 | 31 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2C3Fh (0) | ru63 | Uic voltage at Power On | V | - | yes | UINT16 | 0 | 65535 | 0 | V | 1 | 10 | 0 | ro | yes | no | no |
| 2C48h (0) | ru72 | act. switch. freq | V | - | yes | UINT16 | 0 | 3200 | 0 | kH z | 1 | 100 | 0 | ro | yes | no | no |
| 2C49h (0) | ru73 | Imot/ImaxOI2 | V | - | yes | INT16 | 0 | 8000 | 0 | % | 1 | 10 | 0 | ro | yes | no | no |
| 2C4Ah (0) | ru74 | unfiltered flags state | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2C4Bh (0) | ru75 | global drive state | V | - | yes | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2C4Ch (0) | ru76 | drive state | V | - | yes | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2C4Eh (0) | ru78 | Analog Out display | V | - | yes | INT32 | 0 | 32768 | 0 | % | 25 | 8192 | 0 | ro | yes | no | no |
| 2C50h (0) | ru80 | relative load | V | - | yes | UINT16 | 0 | 10000 | 0 | % | 1 | 10 | 0 | ro | yes | no | no |
| 2C51h (0) | ru81 | actual torque | V | - | yes | INT32 | 0 | 500000000 | 0 | Nm | 1 | 1000 | 0 | ro | yes | no | no |
| 2C52h (0) | ru82 | actual power/energy | S | - | yes | UINT8 | 9 | 9 | 9 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2C52h (1) | ru82 | mechanical power | V | - | yes | INT32 | -2147483647 | 2147483647 | 0 | kW | 1 | 1000 | 0 | ro | yes | no | no |
| 2C52h (2) | ru82 | electrical output power | V | - | yes | INT32 | -2147483647 | 2147483647 | 0 | kW | 1 | 1000 | 0 | ro | yes | no | no |
| 2C52h (3) | ru82 | electrical power loss | V | - | yes | INT32 | -2147483647 | 2147483647 | 0 | kW | 1 | 1000 | 0 | ro | yes | no | no |
| 2C52h (5) | ru82 | out. energy mot. volatile | V | - | yes | UINT32 | 0 | -1 | 0 | kW h | 1 | 1000 | 0 | rw | yes | no | no |
| 2C52h (7) | ru82 | out. energy gen. volatile | V | - | yes | UINT32 | 0 | -1 | 0 | kW h | 1 | 1000 | 0 | rw | yes | no | no |
| 2C52h (8) | ru82 | average regenerative output power | V | - | yes | INT32 | 0 | 2147483647 | 0 | kW | 1 | 1000 | 0 | ro | yes | no | no |
| 2C52h (9) | ru82 | peak regenerative output power | V | - | yes | UINT32 | 0 | 2147483647 | 0 | kW | 1 | 1000 | 0 | rw | yes | no | no |
| 2C53h (0) | ru83 | diff. speed | A | 4 | yes | INT32 | -2147483648 | 2147483647 | 0 | 1/ min | 1 | 8192 | 0 | ro | yes | no | no |
| 2C54h (0) | ru84 | ref value display | V | - | yes | INT32 | -2147483647 | 2147483647 | 0 | 1/ min | 1 | 8192 | 0 | ro | yes | no | no |

| | IDtxt | Name | C | A | PD | Type | Lower limit | Upper limit | Default | SI | Mult | Div | Offset | r/w | Cu | Sec | Sy |
|-----------|-------|--------------------------------------|---|---|-----|--------|-------------|-------------|---------|-----------|------|------|--------|-----|-----|-----|----|
| 2C55h (0) | ru85 | actual speed PT1 | V | - | yes | INT32 | -2147483647 | 2147483647 | 0 | 1/ min | 1 | 8192 | 0 | ro | yes | no | no |
| 2C56h (0) | ru86 | standard set speed | V | - | yes | INT32 | -2147483647 | 2147483647 | 0 | 1/ min | 1 | 8192 | 0 | ro | yes | no | no |
| 2C57h (0) | ru87 | ramp out value | V | - | yes | INT32 | -2147483647 | 2147483647 | 0 | 1/ min | 1 | 8192 | 0 | ro | yes | no | no |
| 2C58h (0) | ru88 | complete flags state | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2C59h (0) | ru89 | timer value | A | 2 | yes | UINT32 | 0 | 8388607 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2C5Ah (0) | ru90 | sinus filter operation | S | - | yes | UINT8 | 8 | 8 | 8 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2C5Ah (1) | ru90 | motor active current | V | - | yes | INT32 | -2147483647 | 2147483647 | 0 | A | 1 | 100 | 0 | ro | yes | no | no |
| 2C5Ah (2) | ru90 | motor reactive current | V | - | yes | INT32 | -2147483647 | 2147483647 | 0 | A | 1 | 100 | 0 | ro | yes | no | no |
| 2C5Ah (3) | ru90 | motor current | V | - | yes | INT32 | -2147483647 | 2147483647 | 0 | A | 1 | 100 | 0 | ro | yes | no | no |
| 2C5Ah (4) | ru90 | capacitor reactive current | V | - | yes | INT32 | -2147483647 | 2147483647 | 0 | A | 1 | 100 | 0 | ro | yes | no | no |
| 2C5Ah (5) | ru90 | capacitor reference reactive current | V | - | yes | INT32 | -2147483647 | 2147483647 | 0 | A | 1 | 100 | 0 | ro | yes | no | no |
| 2C5Ah (6) | ru90 | motor active current estimated | V | - | yes | INT32 | -2147483647 | 2147483647 | 0 | A | 1 | 100 | 0 | ro | yes | no | no |
| 2C5Ah (7) | ru90 | motor reactive current estimated | V | - | yes | INT32 | -2147483647 | 2147483647 | 0 | A | 1 | 100 | 0 | ro | yes | no | no |
| 2C5Ah (8) | ru90 | motor current estimated | V | - | yes | INT32 | -2147483647 | 2147483647 | 0 | A | 1 | 100 | 0 | ro | yes | no | no |
| 2C5Bh (0) | ru91 | peak value (abs ru08) | V | - | yes | INT32 | 0 | 2147483647 | 0 | 1/ min | 1 | 8182 | 0 | rw | yes | no | no |
| 4C09h (0) | ru09 | act. encoder speed B | V | - | yes | INT32 | -2147483647 | 2147483647 | 0 | 1/ min | 1 | 8192 | 0 | ro | yes | no | no |
| 4C21h (0) | ru33 | position actual value B | V | - | yes | INT32 | -2147483647 | 2147483647 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 4C26h (0) | ru38 | position value before gear factor B | S | - | yes | UINT8 | 3 | 3 | 3 | - | 1 | 1 | 0 | ro | yes | no | no |
| 4C26h (1) | ru38 | gearless position value B | V | - | yes | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 4C26h (2) | ru38 | gearless revolutions B | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 4C26h (3) | ru38 | gearless position low B | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 6502h (0) | - | supported drive modes | V | - | yes | UINT32 | 0 | 2147483647 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 6600h (0) | - | Time unit | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 6602h (0) | - | Velocity unit | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 6603h (0) | - | Acceleration Unit | V | - | no | UINT32 | 0 | -1 | 22272 | - | 1 | 1 | 0 | ro | yes | no | no |
| 6613h (0) | - | Safe velocity actual value 32Bit | V | - | no | INT32 | -2147483648 | 2147483647 | 0 | 1/ min | 1 | 8192 | 0 | ro | yes | no | no |
| 6620h (0) | - | Safe Controlword | A | 8 | no | UINT8 | 0 | 255 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 6621h (0) | - | Safe Statusword | A | 8 | no | UINT8 | 0 | 255 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 6630h (0) | - | Restart_Ack (support) | V | - | no | UINT8 | 0 | 1 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 6640h (0) | - | STO support | V | - | no | UINT8 | 0 | 1 | 1 | - | 1 | 1 | 0 | ro | yes | no | no |
| 6641h (0) | - | STO Restart_Ack_behaviour | V | - | no | UINT8 | 0 | 1 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 6650h (0) | - | SS1 support | A | 8 | no | UINT8 | 0 | 1 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 6651h (0) | - | t_SS1 (SS1C) | A | 8 | no | UINT32 | 0 | 600000 | 0 | ms | 1 | 1 | 0 | ro | yes | no | no |
| 6656h (0) | - | a_ss1 32Bit | A | 8 | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |

| | IDtxt | Name | C | A | PD | Type | Lower limit | Upper limit | Default | SI | Mult | Div | Offset | r/w | Cu | Sec | Sy |
|-----------|-------|--|---|---|-----|--------|-------------|-------------|------------|-----------|------|------|--------|-----|-----|-----|----|
| 6660h (0) | - | SBC support | A | 1 | no | UINT8 | 0 | 1 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 6690h (0) | - | SLS support | A | 8 | no | UINT8 | 0 | 1 | 1 | - | 1 | 1 | 0 | ro | yes | no | no |
| 6693h (0) | - | n_SLS_32_Bit | A | 8 | no | UINT32 | 0 | 2147483647 | 0 | 1/ min | 1 | 8192 | 0 | ro | yes | no | no |
| 6698h (0) | - | Error Reaction SLS | A | 8 | no | UINT32 | 0 | -1 | 1715470337 | - | 1 | 1 | 0 | ro | yes | no | no |
| 66A8h (0) | - | SMS support | A | 8 | no | UINT8 | 0 | 1 | 1 | - | 1 | 1 | 0 | ro | yes | no | no |
| 66AAh (0) | - | n_pos_max_SMS_32Bit | A | 8 | no | UINT32 | 0 | -1 | 0 | 1/ min | 1 | 8192 | 0 | ro | yes | no | no |
| 66ACh (0) | - | n_neg_max_SMS_32Bit | A | 8 | no | INT32 | -2147483648 | 2147483647 | 0 | 1/ min | 1 | 8192 | 0 | ro | yes | no | no |
| 66ADh (0) | - | Error Reaction SMS | A | 8 | no | UINT32 | 0 | -1 | 1715470337 | - | 1 | 1 | 0 | ro | yes | no | no |
| 66E0h (0) | - | SSM support | A | 8 | no | UINT8 | 0 | 1 | 1 | - | 1 | 1 | 0 | ro | yes | no | no |
| 66E2h (0) | - | n_UL_SSM_32Bit | A | 8 | no | INT32 | -2147483648 | 2147483647 | 1 | 1/ min | 1 | 8192 | 0 | ro | yes | no | no |
| 66E4h (0) | - | n_LL_SSM_32Bit | A | 8 | no | INT32 | -2147483648 | 2147483647 | 1 | 1/ min | 1 | 8192 | 0 | ro | yes | no | no |
| 2F1Ah (0) | sb26 | power unit control word | S | - | no | UINT8 | 2 | 2 | 2 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2F1Bh (0) | sb27 | power unit status word | S | - | yes | UINT8 | 2 | 2 | 2 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2F1Bh (1) | sb27 | power unit CPU1 status word | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2F1Bh (2) | sb27 | power unit CPU2 status word | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2F1Ch (0) | sb28 | safety mod. control word | V | - | no | UINT8 | 0 | 255 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2F1Dh (0) | sb29 | safety mod. status word | V | - | yes | UINT32 | 0 | 255 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2F20h (0) | sb32 | internal communication acknowledge | A | 3 | yes | UINT8 | 0 | 255 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2F21h (0) | sb33 | power unit int. comm. error counter | S | - | no | UINT8 | 2 | 2 | 2 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2F21h (1) | sb33 | power unit int. comm. CPU1 error counter | V | - | no | UINT16 | 0 | 0 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2F21h (2) | sb33 | power unit int. comm. CPU2 error counter | V | - | no | UINT16 | 0 | 0 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2F22h (0) | sb34 | safety mod. int. comm. error counter | A | 3 | no | UINT16 | 0 | 0 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2F23h (0) | sb35 | enc. interf. int. comm. error counter | A | 3 | no | UINT16 | 0 | 0 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2F24h (0) | sb36 | enc. type A err. address | V | - | no | UINT8 | 0 | 255 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2F25h (0) | sb37 | enc. type A err. acknowledge | V | - | no | UINT8 | 0 | 255 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2F26h (0) | sb38 | enc. type B err. address | V | - | no | UINT8 | 0 | 255 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2F27h (0) | sb39 | enc. type B err. acknowledge | V | - | no | UINT8 | 0 | 255 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2F28h (0) | sb40 | safety mod. status word | V | - | yes | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2F29h (0) | sb41 | power unit CPU2 software version | V | - | no | UINT32 | 0 | 2147483647 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2F2Ah (0) | sb42 | power unit CPU2 software date | V | - | no | UINT32 | 0 | 2147483647 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2F50h (0) | sb80 | data long array | A | 8 | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2F51h (0) | sb81 | data block nr | V | - | no | UINT8 | 0 | 255 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 2F52h (0) | sb82 | data blockwrite ready | V | - | no | UINT8 | 0 | 1 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3C05h (0) | sm05 | safety module 5 | S | - | no | UINT8 | 18 | 18 | 18 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3C05h (1) | sm05 | enabled safety function | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |

| | IDtxt | Name | C | A | PD | Type | Lower limit | Upper limit | Default | SI | Mult | Div | Offset | r/w | Cu | Sec | Sy |
|------------|-------|---|---|---|-----|--------|-------------|-------------|---------|-----------|------|------|--------|-----|-----|-----|----|
| 3C05h (2) | sm05 | bus safety function state | V | - | no | UINT32 | 0 | 65536 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3C05h (3) | sm05 | global safety state | V | - | no | UINT32 | 0 | 65539 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3C05h (4) | sm05 | error state | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3C05h (5) | sm05 | last error / warning | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3C05h (6) | sm05 | bus error | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3C05h (7) | sm05 | I/O state | V | - | no | UINT32 | 0 | 0 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3C05h (8) | sm05 | encoder (-less) speed | V | - | no | INT32 | -99999999 | 536870911 | 0 | 1/ min | 1 | 8192 | 0 | ro | yes | no | no |
| 3C05h (9) | sm05 | encoder (-less) position (full rounds) | V | - | no | INT32 | -2147483647 | 2147483647 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3C05h (10) | sm05 | encoder (-less) position (partial rounds) | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3C05h (11) | sm05 | safety module date and time | V | - | no | UINT32 | 0 | -1 | 0 | s | 1 | 1 | 0 | rw | yes | no | no |
| 3C05h (12) | sm05 | safety module led blinking | V | - | no | UINT8 | 0 | 1 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3C05h (13) | sm05 | safety fieldbus type | V | - | no | UINT8 | 0 | 1 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3C05h (14) | sm05 | safety fieldbus data length | V | - | no | UINT8 | 0 | 40 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3C05h (15) | sm05 | electrical current in percent (0.001% resolution) | V | - | no | UINT16 | 0 | 1000 | 0 | - | 1 | 1000 | 0 | ro | yes | no | no |
| 3C05h (16) | sm05 | electrical current speed | V | - | no | INT32 | -2147483647 | 2147483647 | 0 | 1/ min | 1 | 8192 | 0 | ro | yes | no | no |
| 3C05h (17) | sm05 | electrical current position actual value full rounds | V | - | no | INT32 | -2147483647 | 2147483647 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3C05h (18) | sm05 | electrical current position actual value partial rounds | V | - | no | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3C0Ah (0) | sm10 | inverter reaction in case of "fail safe" | V | - | yes | UINT8 | 0 | 7 | 7 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3C0Bh (0) | sm11 | inverter reaction in case of "STO" | V | - | yes | UINT8 | 0 | 7 | 7 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3C0Ch (0) | sm12 | opt. inverter reaction in case of "STO" or "fail safe" | V | - | yes | UINT8 | 0 | 1 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3C12h (0) | sm18 | log read out type | V | - | no | INT8 | -1 | 8 | -1 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3C13h (0) | sm19 | log read out state | V | - | yes | INT8 | -1 | 2 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3C14h (0) | sm20 | log entry 0 | S | - | yes | UINT8 | 6 | 6 | 6 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3C14h (1) | sm20 | date and time | V | - | yes | UINT32 | 0 | -1 | 0 | s | 1 | 1 | 0 | ro | yes | no | no |
| 3C14h (2) | sm20 | position | V | - | yes | INT32 | 0 | 0 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3C14h (3) | sm20 | speed | V | - | yes | INT32 | -99999999 | 536870911 | 0 | 1/ min | 1 | 8192 | 0 | ro | yes | no | no |
| 3C14h (4) | sm20 | time slice per 62,5us | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3C14h (5) | sm20 | details of "(bus) safety function request" | V | - | yes | UINT32 | 0 | 0 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3C14h (6) | sm20 | details of "error" | V | - | yes | UINT32 | 0 | 0 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3C15h (0) | sm21 | log entry 1 | S | - | yes | UINT8 | 6 | 6 | 6 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3C15h (1) | sm21 | date and time | V | - | yes | UINT32 | 0 | -1 | 0 | s | 1 | 1 | 0 | ro | yes | no | no |
| 3C15h (2) | sm21 | position | V | - | yes | INT32 | 0 | 0 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3C15h (3) | sm21 | speed | V | - | yes | INT32 | -99999999 | 536870911 | 0 | 1/ min | 1 | 8192 | 0 | ro | yes | no | no |
| 3C15h (4) | sm21 | time slice per 62,5us | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3C15h (5) | sm21 | details of "(bus) safety function request" | V | - | yes | UINT32 | 0 | 0 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |

| | IDtxt | Name | C | A | PD | Type | Lower limit | Upper limit | Default | SI | Mult | Div | Offset | r/w | Cu | Sec | Sy |
|-----------|-------|--|---|---|-----|--------|-------------|-------------|---------|--------|------|------|--------|-----|-----|-----|----|
| 3C15h (6) | sm21 | details of "error" | V | - | yes | UINT32 | 0 | 0 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3C16h (0) | sm22 | log entry 2 | S | - | yes | UINT8 | 6 | 6 | 6 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3C16h (1) | sm22 | date and time | V | - | yes | UINT32 | 0 | -1 | 0 | s | 1 | 1 | 0 | ro | yes | no | no |
| 3C16h (2) | sm22 | position | V | - | yes | INT32 | 0 | 0 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3C16h (3) | sm22 | speed | V | - | yes | INT32 | -99999999 | 536870911 | 0 | 1/ min | 1 | 8192 | 0 | ro | yes | no | no |
| 3C16h (4) | sm22 | time slice per 62,5us | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3C16h (5) | sm22 | details of "(bus) safety function request" | V | - | yes | UINT32 | 0 | 0 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3C16h (6) | sm22 | details of "error" | V | - | yes | UINT32 | 0 | 0 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3C17h (0) | sm23 | log entry 3 | S | - | yes | UINT8 | 6 | 6 | 6 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3C17h (1) | sm23 | date and time | V | - | yes | UINT32 | 0 | -1 | 0 | s | 1 | 1 | 0 | ro | yes | no | no |
| 3C17h (2) | sm23 | position | V | - | yes | INT32 | 0 | 0 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3C17h (3) | sm23 | speed | V | - | yes | INT32 | -99999999 | 536870911 | 0 | 1/ min | 1 | 8192 | 0 | ro | yes | no | no |
| 3C17h (4) | sm23 | time slice per 62,5us | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3C17h (5) | sm23 | details of "(bus) safety function request" | V | - | yes | UINT32 | 0 | 0 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3C17h (6) | sm23 | details of "error" | V | - | yes | UINT32 | 0 | 0 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3C18h (0) | sm24 | log entry 4 | S | - | yes | UINT8 | 6 | 6 | 6 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3C18h (1) | sm24 | date and time | V | - | yes | UINT32 | 0 | -1 | 0 | s | 1 | 1 | 0 | ro | yes | no | no |
| 3C18h (2) | sm24 | position | V | - | yes | INT32 | 0 | 0 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3C18h (3) | sm24 | speed | V | - | yes | INT32 | -99999999 | 536870911 | 0 | 1/ min | 1 | 8192 | 0 | ro | yes | no | no |
| 3C18h (4) | sm24 | time slice per 62,5us | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3C18h (5) | sm24 | details of "(bus) safety function request" | V | - | yes | UINT32 | 0 | 0 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3C18h (6) | sm24 | details of "error" | V | - | yes | UINT32 | 0 | 0 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3C19h (0) | sm25 | log entry 5 | S | - | yes | UINT8 | 6 | 6 | 6 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3C19h (1) | sm25 | date and time | V | - | yes | UINT32 | 0 | -1 | 0 | s | 1 | 1 | 0 | ro | yes | no | no |
| 3C19h (2) | sm25 | position | V | - | yes | INT32 | 0 | 0 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3C19h (3) | sm25 | speed | V | - | yes | INT32 | -99999999 | 536870911 | 0 | 1/ min | 1 | 8192 | 0 | ro | yes | no | no |
| 3C19h (4) | sm25 | time slice per 62,5us | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3C19h (5) | sm25 | details of "(bus) safety function request" | V | - | yes | UINT32 | 0 | 0 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3C19h (6) | sm25 | details of "error" | V | - | yes | UINT32 | 0 | 0 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3C1Ah (0) | sm26 | log entry 6 | S | - | yes | UINT8 | 6 | 6 | 6 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3C1Ah (1) | sm26 | date and time | V | - | yes | UINT32 | 0 | -1 | 0 | s | 1 | 1 | 0 | ro | yes | no | no |
| 3C1Ah (2) | sm26 | position | V | - | yes | INT32 | 0 | 0 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3C1Ah (3) | sm26 | speed | V | - | yes | INT32 | -99999999 | 536870911 | 0 | 1/ min | 1 | 8192 | 0 | ro | yes | no | no |
| 3C1Ah (4) | sm26 | time slice per 62,5us | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3C1Ah (5) | sm26 | details of "(bus) safety function request" | V | - | yes | UINT32 | 0 | 0 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |

| | IDtxt | Name | C | A | PD | Type | Lower limit | Upper limit | Default | SI | Mult | Div | Offset | r/w | Cu | Sec | Sy |
|-----------|-------|--|---|---|-----|--------|-------------|-------------|---------|--------|------|------|--------|-----|-----|-----|----|
| 3C1Ah (6) | sm26 | details of "error" | V | - | yes | UINT32 | 0 | 0 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3C1Bh (0) | sm27 | log entry 7 | S | - | yes | UINT8 | 6 | 6 | 6 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3C1Bh (1) | sm27 | date and time | V | - | yes | UINT32 | 0 | -1 | 0 | s | 1 | 1 | 0 | ro | yes | no | no |
| 3C1Bh (2) | sm27 | position | V | - | yes | INT32 | 0 | 0 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3C1Bh (3) | sm27 | speed | V | - | yes | INT32 | -99999999 | 536870911 | 0 | 1/ min | 1 | 8192 | 0 | ro | yes | no | no |
| 3C1Bh (4) | sm27 | time slice per 62,5us | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3C1Bh (5) | sm27 | details of "(bus) safety function request" | V | - | yes | UINT32 | 0 | 0 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3C1Bh (6) | sm27 | details of "error" | V | - | yes | UINT32 | 0 | 0 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3C1Ch (0) | sm28 | log entry 8 | S | - | yes | UINT8 | 6 | 6 | 6 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3C1Ch (1) | sm28 | date and time | V | - | yes | UINT32 | 0 | -1 | 0 | s | 1 | 1 | 0 | ro | yes | no | no |
| 3C1Ch (2) | sm28 | position | V | - | yes | INT32 | 0 | 0 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3C1Ch (3) | sm28 | speed | V | - | yes | INT32 | -99999999 | 536870911 | 0 | 1/ min | 1 | 8192 | 0 | ro | yes | no | no |
| 3C1Ch (4) | sm28 | time slice per 62,5us | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3C1Ch (5) | sm28 | details of "(bus) safety function request" | V | - | yes | UINT32 | 0 | 0 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3C1Ch (6) | sm28 | details of "error" | V | - | yes | UINT32 | 0 | 0 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3C1Dh (0) | sm29 | log entry 9 | S | - | yes | UINT8 | 6 | 6 | 6 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3C1Dh (1) | sm29 | date and time | V | - | yes | UINT32 | 0 | -1 | 0 | s | 1 | 1 | 0 | ro | yes | no | no |
| 3C1Dh (2) | sm29 | position | V | - | yes | INT32 | 0 | 0 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3C1Dh (3) | sm29 | speed | V | - | yes | INT32 | -99999999 | 536870911 | 0 | 1/ min | 1 | 8192 | 0 | ro | yes | no | no |
| 3C1Dh (4) | sm29 | time slice per 62,5us | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3C1Dh (5) | sm29 | details of "(bus) safety function request" | V | - | yes | UINT32 | 0 | 0 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3C1Dh (6) | sm29 | details of "error" | V | - | yes | UINT32 | 0 | 0 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2100h (0) | st00 | (CiA 0x6041) statusword | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2101h (0) | st01 | (CiA 0x603F) error code | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2102h (0) | st02 | (CiA 0x6061) modes of operation display | V | - | yes | INT8 | -1 | 127 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2103h (0) | st03 | (CiA 0x6043) vl velocity demand | V | - | yes | INT32 | -32767 | 32767 | 0 | 1/ min | 1 | 1 | 0 | ro | yes | no | no |
| 2104h (0) | st04 | brake ctrl status | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 210Ch (0) | st12 | state machine display | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 210Dh (0) | st13 | state and error display | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 210Eh (0) | st14 | active controlword | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 210Fh (0) | st15 | combined controlword | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2120h (0) | st32 | (CiA 0x606C) velocity actual value | V | - | yes | INT32 | -2147483647 | 2147483647 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2121h (0) | st33 | (CiA 0x6064) position actual value | V | - | yes | INT32 | -2147483647 | 2147483647 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2122h (0) | st34 | (CiA 0x6077) torque actual value | V | - | yes | INT16 | -32767 | 32767 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2123h (0) | st35 | system counter | V | - | yes | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |

| | IDtxt | Name | C | A | PD | Type | Lower limit | Upper limit | Default | SI | Mult | Div | Offset | r/w | Cu | Sec | Sy |
|-----------|-------|---|---|----|-----|--------|-------------|-------------|---------|-----------|------|-----|--------|-----|-----|-----|----|
| 2124h (0) | st36 | (CiA 0x60F4) following error actual value | V | - | yes | INT32 | -2147483647 | 2147483647 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2125h (0) | st37 | (CiA 0x6062) position demand value | V | - | yes | INT32 | -2147483647 | 2147483647 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2130h (0) | st48 | rho actual value | V | - | yes | INT16 | -32768 | 32767 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3001h (0) | ud01 | password | V | - | yes | INT16 | 0 | 9999 | 0 | - | 1 | 1 | 0 | rw | no | yes | no |
| 3002h (0) | ud02 | recipe options | V | - | yes | UINT32 | 0 | 31 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3003h (0) | ud03 | recipe inputs | V | - | yes | UINT16 | 0 | 16383 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3004h (0) | ud04 | start recipe | V | - | yes | UINT8 | 0 | 255 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3007h (0) | ud07 | recipe status | S | - | yes | UINT8 | 5 | 5 | 5 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3007h (1) | ud07 | last successful recipe ID | V | - | yes | UINT8 | 0 | 255 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3007h (2) | ud07 | download status | V | - | yes | UINT8 | 0 | 255 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3007h (3) | ud07 | info recipe ID | V | - | yes | UINT8 | 0 | 255 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3007h (4) | ud07 | actual line | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3007h (5) | ud07 | error code | V | - | yes | UINT8 | 0 | 255 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 300Ah (0) | ud10 | exception history date | A | 16 | yes | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | ro | no | yes | no |
| 300Bh (0) | ud11 | exception history time | A | 16 | yes | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | ro | no | yes | no |
| 300Dh (0) | ud13 | history data 1 | A | 16 | yes | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | ro | no | yes | no |
| 300Eh (0) | ud14 | history data 2 | A | 16 | yes | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | ro | no | yes | no |
| 300Fh (0) | ud15 | history data 3 | A | 16 | yes | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | ro | no | yes | no |
| 3010h (0) | ud16 | history data 4 | A | 16 | yes | UINT32 | 0 | -1 | 0 | - | 1 | 1 | 0 | ro | no | yes | no |
| 3011h (0) | ud17 | history data 1 selector | V | - | no | UINT32 | 0 | 16777215 | 8292 | - | 1 | 1 | 0 | rw | no | yes | no |
| 3012h (0) | ud18 | history data 2 selector | V | - | no | UINT32 | 0 | 16777215 | 11280 | - | 1 | 1 | 0 | rw | no | yes | no |
| 3013h (0) | ud19 | history data 3 selector | V | - | no | UINT32 | 0 | 16777215 | 11281 | - | 1 | 1 | 0 | rw | no | yes | no |
| 3014h (0) | ud20 | history data 4 selector | V | - | no | UINT32 | 0 | 16777215 | 76825 | - | 1 | 1 | 0 | rw | no | yes | no |
| 301Eh (0) | ud30 | OL2 current limits | S | - | yes | UINT8 | 5 | 5 | 5 | - | 1 | 1 | 0 | ro | yes | no | no |
| 301Eh (1) | ud30 | Icont offset | V | - | yes | UINT32 | 0 | 10000 | 0 | A | 1 | 100 | 0 | ro | yes | no | no |
| 301Eh (2) | ud30 | Icont derating | V | - | yes | UINT32 | 0 | 10000 | 0 | A | 1 | 100 | 0 | ro | yes | no | no |
| 301Eh (3) | ud30 | Icont act switching freq | V | - | yes | UINT32 | 0 | 10000 | 0 | A | 1 | 100 | 0 | ro | yes | no | no |
| 301Eh (4) | ud30 | I _{max} OL2 | V | - | yes | UINT32 | 0 | 10000 | 0 | A | 1 | 100 | 0 | ro | yes | no | no |
| 301Eh (5) | ud30 | I _{max} control | V | - | yes | UINT32 | 0 | 10000 | 0 | A | 1 | 100 | 0 | ro | yes | no | no |
| 301Fh (0) | ud31 | OL2 diagnostic counter | S | - | no | UINT8 | 3 | 3 | 3 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3028h (0) | ud40 | vl velocity limit options | V | - | no | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3029h (0) | ud41 | maximum speed | S | - | no | UINT8 | 4 | 4 | 4 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3029h (1) | ud41 | max speed mot for | V | - | no | INT32 | 0 | 32000 | 2000 | 1/ min | 1 | 1 | 0 | rw | yes | no | no |
| 3029h (2) | ud41 | max speed mot rev | V | - | no | INT32 | 0 | 32000 | 2000 | 1/ min | 1 | 1 | 0 | rw | yes | no | no |
| 3029h (3) | ud41 | max speed gen for | V | - | no | INT32 | 0 | 32000 | 2000 | 1/ min | 1 | 1 | 0 | rw | yes | no | no |

| | IDtxt | Name | C | A | PD | Type | Lower limit | Upper limit | Default | SI | Mult | Div | Offset | r/w | Cu | Sec | Sy |
|------------|-------|------------------------------------|---|---|-----|--------|-------------|-------------|---------|-----------|------|-------|--------|-----|-----|-----|----|
| 3029h (4) | ud41 | max speed gen rev | V | - | no | INT32 | 0 | 32000 | 2000 | 1/ min | 1 | 1 | 0 | rw | yes | no | no |
| 302Ah (0) | ud42 | lower limit level | S | - | no | UINT8 | 4 | 4 | 4 | - | 1 | 1 | 0 | ro | yes | no | no |
| 302Ah (1) | ud42 | lower limit level mot for | V | - | no | INT32 | 0 | 32000 | 1000 | 1/ min | 1 | 1 | 0 | rw | yes | no | no |
| 302Ah (2) | ud42 | lower limit level mot rev | V | - | no | INT32 | 0 | 32000 | 1000 | 1/ min | 1 | 1 | 0 | rw | yes | no | no |
| 302Ah (3) | ud42 | lower limit level gen for | V | - | no | INT32 | 0 | 32000 | 1000 | 1/ min | 1 | 1 | 0 | rw | yes | no | no |
| 302Ah (4) | ud42 | lower limit level gen rev | V | - | no | INT32 | 0 | 32000 | 1000 | 1/ min | 1 | 1 | 0 | rw | yes | no | no |
| 302Bh (0) | ud43 | average times | S | - | no | UINT8 | 2 | 2 | 2 | - | 1 | 1 | 0 | ro | yes | no | no |
| 302Bh (1) | ud43 | settle time | V | - | no | UINT16 | 0 | 8000 | 100 | s | 1 | 1000 | 0 | rw | yes | no | no |
| 302Bh (2) | ud43 | average time dyn limit calculation | V | - | no | UINT16 | 0 | 8000 | 1000 | s | 1 | 1000 | 0 | rw | yes | no | no |
| 302Ch (0) | ud44 | maximal power | S | - | no | UINT8 | 4 | 4 | 4 | - | 1 | 1 | 0 | ro | yes | no | no |
| 302Ch (1) | ud44 | max power mot for | V | - | no | UINT32 | 0 | 1000000 | 4000 | kW | 1 | 1000 | 0 | rw | yes | no | no |
| 302Ch (2) | ud44 | max power mot rev | V | - | no | UINT32 | 0 | 1000000 | 4000 | kW | 1 | 1000 | 0 | rw | yes | no | no |
| 302Ch (3) | ud44 | max power gen for | V | - | no | UINT32 | 0 | 1000000 | 4000 | kW | 1 | 1000 | 0 | rw | yes | no | no |
| 302Ch (4) | ud44 | max power gen rev | V | - | no | UINT32 | 0 | 1000000 | 4000 | kW | 1 | 1000 | 0 | rw | yes | no | no |
| 302Dh (0) | ud45 | power hysteresis | V | - | no | INT16 | 1000 | 2000 | 1050 | - | 1 | 1000 | 0 | rw | yes | no | no |
| 302Eh (0) | ud46 | slow torque PT1 | V | - | no | UINT32 | 0 | 500000 | 20000 | ms | 1 | 1000 | 0 | rw | yes | no | no |
| 302Fh (0) | ud47 | speed hysteresis for ramp out | V | - | no | INT32 | 0 | 262144000 | 40960 | 1/ min | 1 | 8192 | 0 | rw | yes | no | no |
| 3030h (0) | ud48 | speed level for cont calc | V | - | no | INT32 | 0 | 262144000 | 40960 | 1/ min | 1 | 8192 | 0 | rw | yes | no | no |
| 3031h (0) | ud49 | dyn vel limit state display | V | - | yes | INT16 | 0 | 17 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3032h (0) | ud50 | F5 compatibility objects | S | - | yes | UINT8 | 13 | 13 | 13 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3032h (1) | ud50 | option code | V | - | no | UINT16 | 0 | 255 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3032h (2) | ud50 | customer controlword 1 | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3032h (3) | ud50 | customer controlword 2 | V | - | yes | UINT16 | 0 | 0 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3032h (4) | ud50 | customer statusword 1 | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3032h (5) | ud50 | customer statusword 2 | V | - | yes | UINT16 | 0 | 65535 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3032h (6) | ud50 | percental set speed | V | - | yes | INT16 | -16384 | 16384 | 0 | % | 100 | 16384 | 0 | rw | yes | no | no |
| 3032h (7) | ud50 | actual speed | V | - | yes | INT16 | -32768 | 32767 | 0 | % | 100 | 16384 | 0 | ro | yes | no | no |
| 3032h (8) | ud50 | actual torque | V | - | yes | INT16 | -32767 | 32767 | 0 | Nm | 1 | 1 | 0 | ro | yes | no | no |
| 3032h (9) | ud50 | inverter temperature | V | - | yes | INT16 | -32767 | 32767 | 0 | °C | 1 | 1 | 0 | ro | yes | no | no |
| 3032h (10) | ud50 | motor temperature | V | - | yes | INT16 | -32767 | 32767 | 0 | °C | 1 | 1 | 0 | ro | yes | no | no |
| 3032h (11) | ud50 | error message | V | - | yes | UINT16 | 0 | 200 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3032h (12) | ud50 | relative load | V | - | yes | UINT16 | 0 | 1000 | 0 | % | 1 | 1 | 0 | ro | yes | no | no |

| | IDtxt | Name | C | A | PD | Type | Lower limit | Upper limit | Default | SI | Mult | Div | Offset | r/w | Cu | Sec | Sy |
|------------|-------|---------------------------------|---|---|-----|--------|-------------|-------------|-----------|-----------|------|------|--------|-----|-----|-----|----|
| 3032h (13) | ud50 | reference speed | V | - | yes | UINT16 | 10 | 65535 | 3000 | 1/ min | 1 | 1 | 0 | rw | yes | no | no |
| 3035h (0) | ud53 | liquid cooling ctrl | S | - | yes | UINT8 | 11 | 11 | 11 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3035h (1) | ud53 | source select | V | - | yes | UINT16 | 0 | 63 | 2 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3035h (2) | ud53 | ref value | V | - | yes | UINT16 | 0 | 1000 | 500 | °C | 1 | 10 | 0 | rw | yes | no | no |
| 3035h (3) | ud53 | Kp [%PWM load per 1K] | V | - | no | UINT32 | 0 | 100000 | 5000 | - | 1 | 1000 | 0 | rw | yes | no | no |
| 3035h (4) | ud53 | Tn | V | - | yes | UINT32 | 0 | 500000000 | 300000000 | ms | 1 | 1000 | 0 | rw | yes | no | no |
| 3035h (5) | ud53 | PI ctrl out | V | - | yes | INT16 | 0 | 10000 | 0 | % | 1 | 100 | 0 | ro | yes | no | no |
| 3035h (6) | ud53 | manual setting | V | - | yes | UINT16 | 0 | 1000 | 0 | % | 1 | 10 | 0 | rw | yes | no | no |
| 3035h (7) | ud53 | PWM period | V | - | yes | UINT16 | 40 | 200 | 120 | s | 1 | 10 | 0 | rw | yes | no | no |
| 3035h (8) | ud53 | PWM start value | V | - | yes | UINT8 | 0 | 100 | 0 | % | 1 | 1 | 0 | rw | yes | no | no |
| 3035h (9) | ud53 | PWM end value | V | - | yes | UINT8 | 0 | 100 | 100 | % | 1 | 1 | 0 | rw | yes | no | no |
| 3035h (10) | ud53 | minimal Pulse length | V | - | yes | UINT16 | 0 | 500 | 1 | s | 1 | 100 | 0 | rw | yes | no | no |
| 3035h (11) | ud53 | PWM actual load | V | - | yes | INT16 | 0 | 10000 | 0 | % | 1 | 100 | 0 | ro | yes | no | no |
| 3036h (0) | ud54 | heatsink cooling PWM out state | V | - | no | UINT8 | 0 | 1 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3037h (0) | ud55 | motor cooling ctrl | S | - | yes | UINT8 | 11 | 11 | 11 | - | 1 | 1 | 0 | ro | yes | no | no |
| 3037h (1) | ud55 | source select | V | - | yes | UINT16 | 0 | 33 | 0 | - | 1 | 1 | 0 | rw | yes | no | no |
| 3037h (2) | ud55 | ref value | V | - | yes | UINT16 | 0 | 2000 | 1000 | °C | 1 | 10 | 0 | rw | yes | no | no |
| 3037h (3) | ud55 | Kp [%PWM load per 1K] | V | - | no | UINT32 | 0 | 100000 | 5000 | - | 1 | 1000 | 0 | rw | yes | no | no |
| 3037h (4) | ud55 | Tn | V | - | yes | UINT32 | 0 | 500000000 | 300000000 | ms | 1 | 1000 | 0 | rw | yes | no | no |
| 3037h (5) | ud55 | PI ctrl out | V | - | yes | INT16 | 0 | 10000 | 0 | % | 1 | 100 | 0 | ro | yes | no | no |
| 3037h (6) | ud55 | manual setting | V | - | yes | UINT16 | 0 | 1000 | 0 | % | 1 | 10 | 0 | rw | yes | no | no |
| 3037h (7) | ud55 | PWM period | V | - | yes | UINT16 | 40 | 1200 | 600 | s | 1 | 10 | 0 | rw | yes | no | no |
| 3037h (8) | ud55 | PWM start value | V | - | yes | UINT8 | 0 | 100 | 0 | % | 1 | 1 | 0 | rw | yes | no | no |
| 3037h (9) | ud55 | PWM end value | V | - | yes | UINT8 | 0 | 100 | 100 | % | 1 | 1 | 0 | rw | yes | no | no |
| 3037h (10) | ud55 | minimal Pulse length | V | - | yes | UINT16 | 0 | 600 | 300 | s | 1 | 100 | 0 | rw | yes | no | no |
| 3037h (11) | ud55 | PWM actual load | V | - | yes | INT16 | 0 | 10000 | 0 | % | 1 | 100 | 0 | ro | yes | no | no |
| 3038h (0) | ud56 | motor cooling PWM out state | V | - | no | UINT8 | 0 | 1 | 0 | - | 1 | 1 | 0 | ro | yes | no | no |
| 2304h (0) | vi04 | vl velocity min amount for | V | - | yes | UINT32 | 0 | 128000 | 0 | 1/ min | 1 | 1 | 0 | rw | yes | no | no |
| 2305h (0) | vi05 | vl velocity max amount for | V | - | yes | UINT32 | 0 | 128000 | 2000 | 1/ min | 1 | 1 | 0 | rw | yes | no | no |
| 2306h (0) | vi06 | vl velocity min amount rev | V | - | yes | UINT32 | 0 | 128000 | 0 | 1/ min | 1 | 1 | 0 | rw | yes | no | no |
| 2307h (0) | vi07 | vl velocity max amount rev | V | - | yes | UINT32 | 0 | 128000 | 2000 | 1/ min | 1 | 1 | 0 | rw | yes | no | no |
| 2314h (0) | vi20 | (CiA 0x6042) vl target velocity | V | - | yes | INT32 | -128000 | 128000 | 0 | 1/ min | 1 | 1 | 0 | rw | yes | no | no |
| 2315h (0) | vi21 | target velocity high res | V | - | yes | INT32 | -1048576000 | 1048576000 | 0 | 1/ min | 1 | 8192 | 0 | rw | yes | no | no |

| | IDtxt | Name | C | A | PD | Type | Lower limit | Upper limit | Default | SI | Mult | Div | Offset | r/w | Cu | Sec | Sy |
|-----------|-------|------------------------------|---|---|-----|-------|-------------|-------------|---------|-----------|------|------|--------|-----|-----|-----|----|
| 2316h (0) | vl22 | external target velocity | V | - | yes | INT32 | -1048576000 | 1048576000 | 0 | 1/ min | 1 | 8192 | 0 | ro | yes | no | no |
| 2329h (0) | vl41 | vl velocity actual limit for | V | - | yes | INT32 | 0 | 128000 | 0 | 1/ min | 1 | 1 | 0 | ro | yes | no | no |
| 232Ah (0) | vl42 | vl velocity actual limit rev | V | - | yes | INT32 | 0 | 128000 | 0 | 1/ min | 1 | 1 | 0 | ro | yes | no | no |



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