Technische Info | Programming Note

COMBIVERT S6 PRO

Parameterliste für Version 3.1 ohne Encoder

Originalanleitung

Dokument DE 00

Impressum

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1 Parameterliste

Die Beschreibung der Umrichterparameter beinhaltet folgenden Elemente:

Idx (sub)	Index in Hex (Sub-Index)
IDtxt	Parameterbezeichnung bestehend aus Parametergruppe und fortlaufender Nummerierung.
Name	Parametername, abhängig von der gewählten Sprache.
C	CAN-Open Typ V: VAR ST: Struktur (bei Strukturparametern sind weitere Sub-Parameter vorhanden. Dies ist am Sub-Index in der 1. Spalte zu erkennen. A: Array
A	Arraylänge, wenn CAN-Open Typ Array ist.
PD	Zeigt an, ob der Parameter für Prozessdaten zur Verfügung steht.
Typ	Variablentyp des Parameters Beispiel: UINT8 = unsigned Byte; INT16 = Word
Untergrenze	untere Begrenzung des Wertebereiches
Obergrenze	obere Begrenzung des Wertebereiches
Default	Standardwert
SI	Zeigt die Einheit des ausgegebenen Wertes.
Mult	Multiplikator, mit dem der innere Wert multipliziert wird.
Div	Divisor, durch den der innere Werte dividiert wird.
Offset	Offset auf den inneren Wert.
r/w	rw: Schreiben und Lese des Parameters möglich. ro: Nur-Lese-Parameter
Cu	Customerparameter
Sec	Securityparameter
Sy	Systemparameter

	IDtxt	Name	C	A	PD	Typ	Untergrenze	Obergrenze	Default	SI	Mult	Div	Offset	r/w	Cu	Sec	Sy
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

	IDtxt	Name	C	A	PD	Typ	Untergrenze	Obergrenze	Default	SI	Mult	Div	Offset	r/w	Cu	Sec	Sy
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
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

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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
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

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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
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

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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
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

	IDtxt	Name	C	A	PD	Typ	Untergrenze	Obergrenze	Default	SI	Mult	Div	Offset	r/w	Cu	Sec	Sy
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
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	-	yes	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	-	yes	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

	IDtxt	Name	C	A	PD	Typ	Untergrenze	Obergrenze	Default	SI	Mult	Div	Offset	r/w	Cu	Sec	Sy
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	-	no	UINT32	0	128000	0	1/ min	1	1	0	rw	yes	no	no
6046h (2)	-	vl velocity max amount	V	-	no	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
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)	-	positioning window	V	-	no	UINT32	0	2147483647	5000	-	1	1	0	rw	yes	no	no
6068h (0)	-	positioning 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

	IDtxt	Name	C	A	PD	Typ	Untergrenze	Obergrenze	Default	SI	Mult	Div	Offset	r/w	Cu	Sec	Sy
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
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
160Fh (0)	in15	Konfigurations-ID	V	-	no	UINT16	0	65535	0	-	1	1	0	rw	yes	no	no
2008h (0)	de08	Gerätekonfigurations-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

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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
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	Steuerung Hardwaretyp	V	-	no	UINT32	0	2147483647	0	-	1	1	0	ro	yes	no	no
200Fh (0)	de15	Steuerungstyp	V	-	no	UINT32	0	2147483647	0	-	1	1	0	ro	yes	no	no
2010h (0)	de16	Steuerung Softwareversion	V	-	no	UINT32	0	2147483647	0	-	1	1	0	ro	yes	no	no
2011h (0)	de17	Steuerung Softwaredatum	V	-	no	UINT32	0	2147483647	0	-	1	1	0	ro	yes	no	no
2014h (0)	de20	M3 Codestatus	V	-	no	UINT16	0	1	0	-	1	1	0	ro	yes	no	no
2015h (0)	de21	Dateisystem	S	-	yes	UINT8	4	4	4	-	1	1	0	ro	yes	no	no
2015h (1)	de21	Speichergröße (Byte)	V	-	yes	UINT32	0	-1	0	-	1	1	0	rw	yes	no	no
2015h (2)	de21	belegter Speicher (Byte)	V	-	yes	UINT32	0	-1	0	-	1	1	0	rw	yes	no	no
2015h (3)	de21	maximale Anzahl Dateien	V	-	yes	UINT32	0	-1	0	-	1	1	0	rw	yes	no	no
2015h (4)	de21	Anzahl abgelegte Dateien	V	-	yes	UINT32	0	-1	0	-	1	1	0	rw	yes	no	no
2018h (0)	de24	LT Softwareversion	V	-	no	UINT32	0	2147483647	0	-	1	1	0	ro	yes	no	no
2019h (0)	de25	LT Softwaredatum	V	-	no	UINT32	0	2147483647	0	-	1	1	0	ro	yes	no	no
201Ah (0)	de26	gespeicherte Umrichterkennung	V	-	no	INT32	-1	2147483647	-1	-	1	1	0	ro	yes	no	no
201Bh (0)	de27	aktuelle Umrichterkennung	V	-	no	INT32	-1	2147483647	-1	-	1	1	0	rw	no	yes	no
201Ch (0)	de28	Umrichterbemessungsstrom	V	-	no	UINT32	0	2147483647	0	A	1	100	0	ro	yes	no	no
201Dh (0)	de29	Umrichtermaximalstrom	V	-	no	UINT32	0	2147483647	0	A	1	100	0	ro	yes	no	no
201Eh (0)	de30	Umrichterbemessungsspannung	V	-	no	UINT16	0	65535	0	V	1	10	0	ro	yes	no	no
201Fh (0)	de31	Umrichter max. DC-Spannung	V	-	no	UINT16	0	65535	0	V	1	10	0	ro	yes	no	no
2020h (0)	de32	Umrichter min. DC-Spannung	V	-	no	UINT16	0	65535	0	V	1	10	0	ro	yes	no	no
2021h (0)	de33	Umrichter Bemessungsschaltfrequenz	V	-	no	UINT16	0	65535	0	kHz	1	100	0	ro	yes	no	no
2022h (0)	de34	Umrichter max. Schaltfrequenz	V	-	no	UINT16	0	65535	0	kHz	1	100	0	ro	yes	no	no
2023h (0)	de35	Zwischenkreiskapazität (uF)	V	-	no	UINT16	0	65535	65535	-	1	1	0	ro	yes	no	no
2024h (0)	de36	Aktivierung Bremstransistor Defaultwert	V	-	no	UINT16	0	65535	65535	V	1	10	0	ro	yes	no	no
2025h (0)	de37	Sicherheitsmodul gespeicherte Seriennummer	V	-	no	INT32	-1	2147483647	-1	-	1	1	0	ro	yes	no	no
2027h (0)	de39	Sicherheitsmodul gespeicherter Typ	V	-	no	INT32	-1	2147483647	-1	-	1	1	0	ro	yes	no	no
202Ah (0)	de42	Sicherheitsmodul Softwareversion	V	-	no	UINT32	0	2147483647	0	-	1	1	0	ro	yes	no	no

	IDtxt	Name	C	A	PD	Typ	Untergrenze	Obergrenze	Default	SI	Mult	Div	Offset	r/w	Cu	Sec	Sy
202Bh (0)	de43	Sicherheitsmodul Softwaredatum	V	-	no	UINT32	0	2147483647	0	-	1	1	0	ro	yes	no	no
202Ch (0)	de44	KTY Softwareversion	V	-	no	UINT32	0	2147483647	0	-	1	1	0	ro	yes	no	no
202Dh (0)	de45	KTY Softwaredatum	V	-	no	UINT32	0	2147483647	0	-	1	1	0	ro	yes	no	no
2030h (0)	de48	m3 Softwareversion	V	-	no	UINT32	0	2147483647	0	-	1	1	0	rw	yes	no	no
2031h (0)	de49	m3 Softwaredatum	V	-	no	UINT32	0	2147483647	0	-	1	1	0	rw	yes	no	no
2050h (0)	de80	Zusätzliche Umrichterdaten	S	-	no	UINT8	10	10	10	-	1	1	0	ro	yes	no	no
2050h (1)	de80	Strom Skalenwert	V	-	no	UINT32	0	100000000	0	A	1	10000	0	ro	yes	no	no
2050h (2)	de80	Leistungsteil Datenformat	V	-	no	UINT8	0	1	0	-	1	1	0	ro	yes	no	no
2050h (4)	de80	Prüfsumme long	V	-	no	UINT32	0	-1	0	-	1	1	0	ro	yes	no	no
2050h (5)	de80	Analoge LT Id	V	-	no	UINT16	0	255	0	-	1	1	0	ro	yes	no	no
2050h (6)	de80	LT Daten Prüfstatus	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 Referenzstrom	V	-	no	UINT32	0	100000000	0	A	1	10000	0	ro	yes	no	no
206Bh (0)	de107	MD5 Prüfsumme generieren	V	-	no	UINT8	0	1	0	-	1	1	0	rw	yes	no	no
206Ch (0)	de108	MD5 Prüfsumme	A	4	yes	UINT32	0	-1	0	-	1	1	0	ro	yes	no	no
206Dh (0)	de109	Ausschluss von MD5 Prüfsumme	V	-	yes	UINT32	0	7	0	-	1	1	0	rw	yes	no	no
2073h (0)	de115	Bitmaske ru75/ru76	V	-	no	UINT32	0	-1	-1	-	1	1	0	rw	yes	no	no
2078h (0)	de120	max. Ausgangsfrequenz	V	-	yes	UINT32	0	2147483647	0	Hz	1	1	0	rw	no	yes	no
2100h (0)	st00	Statuswort (CIA 6041h)	V	-	yes	UINT16	0	65535	0	-	1	1	0	ro	yes	no	no
2101h (0)	st01	Fehlercode (CIA 603Fh)	V	-	yes	UINT16	0	65535	0	-	1	1	0	ro	yes	no	no
2102h (0)	st02	Betriebsart Anzeige (CIA 6061h)	V	-	yes	INT8	-1	127	0	-	1	1	0	ro	yes	no	no
2103h (0)	st03	Drehzahl Rampengeneratorausgang (CIA 6043h)	V	-	yes	INT32	-32767	32767	0	1/ min	1	1	0	ro	yes	no	no
2104h (0)	st04	Bremsensteuerung Status	V	-	yes	UINT16	0	65535	0	-	1	1	0	ro	yes	no	no
210Ch (0)	st12	Anzeige Statusmaschine	V	-	yes	UINT16	0	65535	0	-	1	1	0	ro	yes	no	no
210Dh (0)	st13	Status- und Fehleranzeige	V	-	yes	UINT16	0	65535	0	-	1	1	0	ro	yes	no	no
210Eh (0)	st14	aktives Steuerwort	V	-	yes	UINT16	0	65535	0	-	1	1	0	ro	yes	no	no
210Fh (0)	st15	Steuerwort nach Logikblock	V	-	yes	UINT16	0	65535	0	-	1	1	0	ro	yes	no	no
2120h (0)	st32	Geschwindigkeitsistwert (CIA 606Ch)	V	-	yes	INT32	-2147483647	2147483647	0	-	1	1	0	ro	yes	no	no
2121h (0)	st33	Positionsistwert (CIA 6064h)	V	-	yes	INT32	-2147483647	2147483647	0	-	1	1	0	ro	yes	no	no
2122h (0)	st34	Drehmomentistwert (CIA 6077h)	V	-	yes	INT16	-32767	32767	0	-	1	1	0	ro	yes	no	no
2123h (0)	st35	Systemzähler	V	-	yes	UINT32	0	-1	0	-	1	1	0	ro	yes	no	no
2124h (0)	st36	Schleppfehler (CIA 60F4h)	V	-	yes	INT32	-2147483647	2147483647	0	-	1	1	0	ro	yes	no	no
2125h (0)	st37	Sollposition Profilgeneratorausgang (CIA 6062h)	V	-	yes	INT32	-2147483647	2147483647	0	-	1	1	0	ro	yes	no	no
2130h (0)	st48	Transformationswinkel	V	-	yes	INT16	-32768	32767	0	-	1	1	0	ro	yes	no	no
2200h (0)	dr00	Motortyp	V	-	no	UINT8	0	4	0	-	1	1	0	rw	yes	no	no
2201h (0)	dr01	Motor Teilenummer	A	11	no	UINT8	0	255	0	-	1	1	0	rw	yes	no	no

	IDtxt	Name	C	A	PD	Typ	Untergrenze	Obergrenze	Default	SI	Mult	Div	Offset	r/w	Cu	Sec	Sy
2202h (0)	dr02	Motordatenstatus	V	-	no	UINT8	0	3	0	-	1	1	0	ro	yes	no	no
2203h (0)	dr03	Bemessungsstrom	V	-	no	UINT32	1	110000	300	A	1	100	0	rw	yes	no	no
2204h (0)	dr04	Bemessungsdrehzahl	V	-	no	UINT32	1	8192000	90880	1/ min	1	64	0	rw	yes	no	no
2205h (0)	dr05	Bemessungsspannung	V	-	no	UINT16	10	830	400	V	1	1	0	rw	yes	no	no
2206h (0)	dr06	Bemessungsfrequenz	V	-	no	UINT32	1	3200000	50000	Hz	1	1000	0	rw	yes	no	no
2207h (0)	dr07	ASM Cosinus(phi)	V	-	no	UINT8	1	100	86	-	1	100	0	rw	yes	no	no
2208h (0)	dr08	Magnetisierungsstrom %	V	-	no	UINT16	0	1000	0	%	1	10	0	rw	yes	no	no
2209h (0)	dr09	Bemessungsdrehmoment	V	-	no	UINT32	0	128000000	5000	Nm	1	1000	0	rw	yes	no	no
220Bh (0)	dr11	max. Moment %	V	-	no	UINT16	0	60000	3000	%	1	10	0	rw	yes	no	no
220Ch (0)	dr12	max. Strom %	V	-	no	UINT16	10	60000	3000	%	1	10	0	rw	yes	no	no
220Dh (0)	dr13	Kippmoment %	V	-	no	UINT16	0	60000	1500	%	1	10	0	rw	yes	no	no
220Eh (0)	dr14	SM EMK [Vpk/1000min-1]	V	-	no	UINT32	0	60000000	110000	-	1	1000	0	rw	yes	no	no
220Fh (0)	dr15	SM Induktivität q-Achse UV	V	-	no	UINT32	1	6000000	100000	mH	1	1000	0	rw	yes	no	no
2210h (0)	dr16	SM Induktivität d-Achse %	V	-	no	UINT16	1	10000	1000	%	1	10	0	rw	yes	no	no
2211h (0)	dr17	Ständerwiderstand UV	V	-	no	UINT32	1	2500000	30000	Ω	1	10000	0	rw	yes	no	no
2212h (0)	dr18	ASM Läuferwiderstand UV %	V	-	no	UINT16	1	6000	1000	%	1	10	0	rw	yes	no	no
2213h (0)	dr19	ASM Hauptinduktivität UV	V	-	no	UINT32	1	6000000	64000	mH	1	1000	0	rw	yes	no	no
2215h (0)	dr21	ASM Streuinduktivität Ständer UV	V	-	no	UINT32	1	6000000	3200	mH	1	1000	0	rw	yes	no	no
2216h (0)	dr22	ASM Streuinduktivität Läufer %	V	-	no	UINT16	1	10000	1000	%	1	10	0	rw	yes	no	no
2219h (0)	dr25	Kippdrehzahl %	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-Stromfaktor [Imax]	V	-	no	UINT16	0	1000	1000	-	1	1000	0	rw	yes	no	no
221Eh (0)	dr30	Kundenspezifische Motortemperaturkennlinie	S	-	no	UINT8	38	38	38	-	1	1	0	ro	yes	no	no
221Eh (1)	dr30	Temperaturwert 1	V	-	no	INT16	-999	999	0	°C	1	1	0	rw	yes	no	no
221Eh (2)	dr30	Temperaturwert 2	V	-	no	INT16	-999	999	0	°C	1	1	0	rw	yes	no	no
221Eh (3)	dr30	Temperaturwert 3	V	-	no	INT16	-999	999	0	°C	1	1	0	rw	yes	no	no
221Eh (4)	dr30	Temperaturwert 4	V	-	no	INT16	-999	999	0	°C	1	1	0	rw	yes	no	no
221Eh (5)	dr30	Temperaturwert 5	V	-	no	INT16	-999	999	0	°C	1	1	0	rw	yes	no	no
221Eh (6)	dr30	Temperaturwert 6	V	-	no	INT16	-999	999	0	°C	1	1	0	rw	yes	no	no
221Eh (7)	dr30	Temperaturwert 7	V	-	no	INT16	-999	999	0	°C	1	1	0	rw	yes	no	no
221Eh (8)	dr30	Temperaturwert 8	V	-	no	INT16	-999	999	0	°C	1	1	0	rw	yes	no	no
221Eh (9)	dr30	Temperaturwert 9	V	-	no	INT16	-999	999	0	°C	1	1	0	rw	yes	no	no
221Eh (10)	dr30	Temperaturwert 10	V	-	no	INT16	-999	999	0	°C	1	1	0	rw	yes	no	no
221Eh (11)	dr30	Temperaturwert 11	V	-	no	INT16	-999	999	0	°C	1	1	0	rw	yes	no	no
221Eh (12)	dr30	Temperaturwert 12	V	-	no	INT16	-999	999	0	°C	1	1	0	rw	yes	no	no
221Eh (13)	dr30	Temperaturwert 13	V	-	no	INT16	-999	999	0	°C	1	1	0	rw	yes	no	no
221Eh (14)	dr30	Temperaturwert 14	V	-	no	INT16	-999	999	0	°C	1	1	0	rw	yes	no	no

	IDtxt	Name	C	A	PD	Typ	Untergrenze	Obergrenze	Default	SI	Mult	Div	Offset	r/w	Cu	Sec	Sy
221Eh (15)	dr30	Temperaturwert 15	V	-	no	INT16	-999	999	0	°C	1	1	0	rw	yes	no	no
221Eh (16)	dr30	Temperaturwert 16	V	-	no	INT16	-999	999	0	°C	1	1	0	rw	yes	no	no
221Eh (17)	dr30	Temperaturwert 17	V	-	no	INT16	-999	999	0	°C	1	1	0	rw	yes	no	no
221Eh (18)	dr30	Temperaturwert 18	V	-	no	INT16	-999	999	0	°C	1	1	0	rw	yes	no	no
221Eh (19)	dr30	Temperaturwert 19	V	-	no	INT16	-999	999	0	°C	1	1	0	rw	yes	no	no
221Eh (20)	dr30	Temperaturwert 20	V	-	no	INT16	-999	999	0	°C	1	1	0	rw	yes	no	no
221Eh (21)	dr30	Temperaturwert 21	V	-	no	INT16	-999	999	0	°C	1	1	0	rw	yes	no	no
221Eh (22)	dr30	Temperaturwert 22	V	-	no	INT16	-999	999	0	°C	1	1	0	rw	yes	no	no
221Eh (23)	dr30	Temperaturwert 23	V	-	no	INT16	-999	999	0	°C	1	1	0	rw	yes	no	no
221Eh (24)	dr30	Temperaturwert 24	V	-	no	INT16	-999	999	0	°C	1	1	0	rw	yes	no	no
221Eh (25)	dr30	Temperaturwert 25	V	-	no	INT16	-999	999	0	°C	1	1	0	rw	yes	no	no
221Eh (26)	dr30	Temperaturwert 26	V	-	no	INT16	-999	999	0	°C	1	1	0	rw	yes	no	no
221Eh (27)	dr30	Temperaturwert 27	V	-	no	INT16	-999	999	0	°C	1	1	0	rw	yes	no	no
221Eh (28)	dr30	Temperaturwert 28	V	-	no	INT16	-999	999	0	°C	1	1	0	rw	yes	no	no
221Eh (29)	dr30	Temperaturwert 29	V	-	no	INT16	-999	999	0	°C	1	1	0	rw	yes	no	no
221Eh (30)	dr30	Temperaturwert 30	V	-	no	INT16	-999	999	0	°C	1	1	0	rw	yes	no	no
221Eh (31)	dr30	Temperaturwert 31	V	-	no	INT16	-999	999	0	°C	1	1	0	rw	yes	no	no
221Eh (32)	dr30	Temperaturwert 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
221Eh (34)	dr30	R max	V	-	no	INT16	0	32767	1800	Ω	1	1	0	rw	yes	no	no
221Eh (35)	dr30	Kurzschlusspegel	V	-	no	INT16	0	32767	100	Ω	1	1	0	rw	yes	no	no
221Eh (36)	dr30	keine Verbindung/Kabelbruchpegel	V	-	no	INT16	0	32767	1700	Ω	1	1	0	rw	yes	no	no
221Eh (37)	dr30	berechneter Istwiderstand (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	Motorträgheitsmoment (kg*cm^2)	V	-	no	UINT32	0	2000000000	200	-	1	100	0	rw	yes	no	no
2221h (0)	dr33	Motortemperatursensor	V	-	no	UINT8	0	5	0	-	1	1	0	rw	yes	no	no
2222h (0)	dr34	Motorschutz Strom %	V	-	no	UINT16	1	10000	1000	%	1	10	0	rw	yes	no	no
2223h (0)	dr35	SM-Schutz Zeit min. Is/Id	V	-	no	UINT8	1	255	2	s	1	10	0	rw	yes	no	no
2224h (0)	dr36	SM-Schutz Zeit Imax	V	-	no	UINT8	1	255	2	s	1	10	0	rw	yes	no	no
2225h (0)	dr37	SM-Schutz Erholungszeit	V	-	no	UINT16	1	6000	5	s	1	10	0	rw	yes	no	no
2226h (0)	dr38	SM-Schutz min. Is/Id	V	-	no	UINT16	1	5000	1500	%	1	10	0	rw	yes	no	no
2227h (0)	dr39	ASM-Schutz Modus	V	-	no	UINT8	0	1	0	-	1	1	0	rw	yes	no	no
222Ch (0)	dr44	Drehzahl (Lh/EMK ident.) %	V	-	no	UINT16	0	10000	650	%	1	10	0	rw	yes	no	no
222Dh (0)	dr45	ASM U/f Boost	V	-	no	UINT16	0	16384	328	%	100	16384	0	rw	yes	no	no
222Eh (0)	dr46	U/f Stützpunkt Spannung	V	-	no	UINT16	0	16384	0	%	100	16384	0	rw	yes	no	no
222Fh (0)	dr47	U/f Stützpunkt Frequenz	V	-	no	UINT32	0	3200000	0	Hz	1	1000	0	rw	yes	no	no
2230h (0)	dr48	U/f Kennlinie Modus	V	-	no	UINT8	0	1	0	Hz	1	1	0	rw	yes	no	no
2231h (0)	dr49	Sinusfilter Induktivität UV	V	-	no	UINT32	0	6000000	1	mH	1	1000	0	rw	yes	no	no

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2232h (0)	dr50	Sinusfilter Kapazität UV hohe Auflösung [uF]	V	-	no	UINT32	0	6553500	0	-	1	1000	0	rw	yes	no	no
2233h (0)	dr51	Sinusfilter Widerstand UV	V	-	no	UINT32	0	2500000	1	Ω	1	10000	0	rw	yes	no	no
2234h (0)	dr52	Sinusfilter Kapazität UV [uF]	V	-	no	UINT16	0	65535	0	-	1	10	0	rw	yes	no	no
2235h (0)	dr53	Sinusfilter min. Schaltfrequenz	V	-	no	UINT16	0	65535	0	kHz	1	100	0	rw	yes	no	no
2236h (0)	dr54	Identifikation	V	-	no	UINT16	0	47	0	-	1	1	0	rw	yes	no	no
2237h (0)	dr55	Identifikation Status	V	-	yes	UINT16	0	255	0	-	1	1	0	rw	yes	no	no
2238h (0)	dr56	Identifikation Ls/Sigma Strom (Ampl. Mod.)	V	-	no	UINT16	1	10000	1000	%	1	10	0	rw	yes	no	no
2239h (0)	dr57	Identifikation Fehlerinfo	V	-	yes	UINT16	0	255	0	-	1	1	0	rw	yes	no	no
2240h (0)	dr64	Bandpassfilter berechnete kritische Frequenz	V	-	no	UINT16	1	200	1	kHz	1	10	0	ro	yes	no	no
2241h (0)	dr65	Bandpassfilter kritische Frequenz Vorgabe	V	-	no	UINT16	0	65535	0	kHz	1	10	0	rw	yes	no	no
2242h (0)	dr66	Bandpassfilter Güte	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	kHz	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	Motordaten speichern	V	-	no	UINT8	0	2	0	-	1	1	0	rw	yes	no	no
3500h (0)	is00	Uic Modus	V	-	yes	UINT16	0	15	2	-	1	1	0	rw	yes	no	no
3501h (0)	is01	Uic PT1-Zeit	V	-	yes	UINT16	63	60000	5000	ms	1	1000	0	rw	yes	no	no
3502h (0)	is02	Uic Kompensation Spannungsgrenze	V	-	yes	UINT16	10	800	400	V	1	1	0	rw	yes	no	no
3503h (0)	is03	Totzeitkompensation Deaktivierung	S	-	no	UINT8	2	2	2	-	1	1	0	ro	yes	no	no
3503h (1)	is03	Drehzahllevel [% dr04]	V	-	no	UINT16	0	60000	0	%	1	10	0	rw	yes	no	no
3503h (2)	is03	Ein-/Ausblendzeit	V	-	no	UINT16	0	60000	10	ms	1	1	0	rw	yes	no	no
3504h (0)	is04	Totzeit C-Funktion	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
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	Faktor Abschwächung	V	-	no	INT16	0	10000	10000	%	1	100	0	rw	yes	no	no
3507h (0)	is07	Totzeitkompensation Modus	V	-	no	UINT16	0	28	3	-	1	1	0	rw	yes	no	no
3508h (0)	is08	Kompensation Grenzfaktor	V	-	no	UINT16	0	20000	10000	%	1	100	0	rw	yes	no	no
3509h (0)	is09	Kompensation Stromfaktor	V	-	no	UINT16	0	20000	10000	%	1	100	0	rw	yes	no	no
350Ah (0)	is10	Schaltfrequenz	V	-	no	UINT16	200	1600	800	kHz	1	100	0	rw	yes	no	no
350Bh (0)	is11	Maximalstrom [de28%]	V	-	yes	UINT16	10	8000	8000	%	1	10	0	rw	yes	no	no
350Ch (0)	is12	Anzeige Scheinstrom PT1	V	-	yes	UINT16	0	65535	4000	ms	1	1000	0	rw	yes	no	no
350Dh (0)	is13	Anzeige Moment PT1	V	-	yes	UINT16	0	65535	4000	ms	1	1000	0	rw	yes	no	no
350Eh (0)	is14	Überlastschutz Modus	V	-	yes	UINT16	0	2	0	-	1	1	0	rw	yes	no	no
350Fh (0)	is15	Temperaturabhängiges Derating	V	-	no	UINT8	0	1	0	-	1	1	0	rw	yes	no	no

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3510h (0)	is16	min. Deratingfrequenz	V	-	yes	UINT16	0	800	0	kHz	1	100	0	rw	yes	no	no
3511h (0)	is17	Temperaturabhängige OL2 Anhebung	V	-	yes	UINT16	0	18	0	-	1	1	0	rw	yes	no	no
3512h (0)	is18	Unterspannung Auslösepegel	V	-	no	UINT16	500	10000	2400	V	1	10	0	rw	yes	no	no
3513h (0)	is19	Unterspannung Rücksetzpegel	V	-	no	UINT16	3000	10000	3000	V	1	10	0	rw	yes	no	no
3514h (0)	is20	OL2-Schutz Verstärkung	V	-	yes	UINT16	0	45000	0	-	1	100	0	rw	yes	no	no
3515h (0)	is21	OL2 Sicherheitsfaktor	V	-	yes	UINT16	500	1000	950	%	1	10	0	rw	yes	no	no
3516h (0)	is22	Zeitbasis Tp für Schaltfrequenz	V	-	no	UINT8	0	11	0	-	1	1	0	rw	no	no	yes
3517h (0)	is23	Totzeit PT1-Zeit	V	-	no	UINT16	0	60000	500	ms	1	1000	0	rw	yes	no	no
3518h (0)	is24	akt. Totzeitmodus	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	Bremstransistor Funktion	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	kWh	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
3522h (0)	is34	Leistungsanzeigefilter PT1	V	-	yes	UINT16	0	65535	4000	ms	1	1000	0	rw	yes	no	no
3523h (0)	is35	Sollstromgrenze	V	-	no	UINT16	5000	9500	8333	%	1	100	0	rw	yes	no	no
3524h (0)	is36	Hard/Software Stromregelung (HSR,SSR)	V	-	no	UINT8	0	6	0	-	1	1	0	rw	yes	no	no
3525h (0)	is37	HSR/SSR Strom [OCLimit%]	V	-	no	UINT16	10	1000	833	%	1	10	0	rw	yes	no	no
3526h (0)	is38	HSR/SSR Aktivierungszähler	V	-	yes	UINT32	0	-1	0	-	1	1	0	ro	yes	no	no
3527h (0)	is39	PT1 Filterzeit Drehzahlanzeige	V	-	yes	UINT16	0	65535	4000	ms	1	1000	0	rw	yes	no	no
2400h (0)	ds00	KP Wirkstrom [V/A]	V	-	no	UINT32	0	2147483647	1	-	1	10000	0	rw	yes	no	no
2401h (0)	ds01	Tn Wirkstrom	V	-	no	UINT32	0	2147483647	1	ms	1	1000	0	rw	yes	no	no
2402h (0)	ds02	KP Blindstrom [V/A]	V	-	no	UINT32	0	2147483647	1	-	1	10000	0	rw	yes	no	no
2403h (0)	ds03	Tn Blindstrom	V	-	no	UINT32	0	2147483647	1	ms	1	1000	0	rw	yes	no	no
2404h (0)	ds04	Strommodus	V	-	no	UINT16	0	16383	9265	-	1	1	0	rw	yes	no	no
2405h (0)	ds05	Omega mech. Vorsteuerzeit	V	-	no	UINT16	0	60000	2000	ms	1	1000	0	rw	yes	no	no
2406h (0)	ds06	Stromentkopplung Zeit	V	-	no	UINT16	0	60000	0	ms	1	1000	0	rw	yes	no	no

	IDtxt	Name	C	A	PD	Typ	Untergrenze	Obergrenze	Default	SI	Mult	Div	Offset	r/w	Cu	Sec	Sy
2407h (0)	ds07	Beobachter Faktor	V	-	no	UINT16	0	600	50	%	1	10	0	rw	yes	no	no
2408h (0)	ds08	Modellstrom Nachführungszeit	V	-	no	UINT16	0	60000	2000	ms	1	1000	0	rw	yes	no	no
240Bh (0)	ds11	Momentenmodus	V	-	no	UINT16	0	63	1	-	1	1	0	rw	yes	no	no
240Ch (0)	ds12	Adaptionsmodus	V	-	no	UINT16	0	63	0	-	1	1	0	rw	yes	no	no
240Dh (0)	ds13	Grenzkennlinie Faktor	V	-	no	UINT16	1	16000	1000	%	1	10	0	rw	yes	no	no
240Eh (0)	ds14	Stromregeleranpassung Faktor	V	-	yes	UINT16	1	8000	1000	%	1	10	0	rw	yes	no	no
240Fh (0)	ds15	dynamischer Entkopplungsfaktor	V	-	no	UINT16	1	1000	100	%	1	10	0	rw	yes	no	no
2410h (0)	ds16	Anti-Windup Drehzahlgrenze	V	-	no	UINT16	0	3999	0	%	1	10	0	rw	yes	no	no
2411h (0)	ds17	Bandpassfilterkoeffizienten	A	9	yes	INT32	-131068	131068	131068	-	1	1	0	rw	yes	no	no
2412h (0)	ds18	Rs Modell Stabilisierung	S	-	no	UINT8	4	4	4	-	1	1	0	ro	yes	no	no
2412h (1)	ds18	Rs Modell Stabilisierung Modus	V	-	no	UINT16	0	3	0	-	1	1	0	rw	yes	no	no
2412h (2)	ds18	Rs Adaption Obergrenze	V	-	no	UINT16	0	2000	1400	%	1	10	0	rw	yes	no	no
2412h (3)	ds18	Rs Adaption Untergrenze	V	-	no	UINT16	0	2000	800	%	1	10	0	rw	yes	no	no
2412h (4)	ds18	Rs Adaptionsfaktor	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 Drehzahlberechnung Zeit	V	-	no	UINT16	0	65535	250	ms	1	1000	0	rw	yes	no	no
241Ch (0)	ds28	(A)SCL Drehzahlschätzung Filter	V	-	no	UINT16	0	65535	2000	ms	1	1000	0	rw	yes	no	no
241Eh (0)	ds30	Modell Modus	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 Stabilisierungsterm Drehzahlgrenze	V	-	no	UINT16	0	3999	200	%	1	10	0	rw	yes	no	no
2421h (0)	ds33	SCL Stabilisierungsterm Zeitkonstante	V	-	no	UINT32	0	2147483647	1000	ms	1	1000	0	rw	yes	no	no
2422h (0)	ds34	SCL Stabilisierungsterm max. Moment	V	-	no	UINT16	0	8000	0	%	1	10	0	rw	yes	no	no
2423h (0)	ds35	SCL Stabilisierungstrom Wert	V	-	no	INT16	-8000	8000	500	%	1	10	0	rw	yes	no	no
2424h (0)	ds36	SCL Stabilisierungsstromabbau Start	V	-	no	UINT16	0	3999	50	%	1	10	0	rw	yes	no	no
2425h (0)	ds37	SCL Stabilisierungsstromabbau Ende	V	-	no	UINT16	0	3999	100	%	1	10	0	rw	yes	no	no
2426h (0)	ds38	SCL Stillstandsstom	V	-	no	UINT16	0	8000	1000	%	1	10	0	rw	yes	no	no
2429h (0)	ds41	Motormodell Modus	V	-	no	UINT16	0	1023	8	-	1	1	0	rw	yes	no	no
242Ah (0)	ds42	sollwertabhängige Modellabschaltung Zeit	V	-	no	UINT16	0	60000	200	ms	1	1	0	rw	yes	no	no
242Bh (0)	ds43	istwertabhängige Modellabschaltung Zeit	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	istwertabhängige Modellabschaltung Hysterese	V	-	no	UINT16	0	3999	200	%	1	10	0	rw	yes	no	no
2430h (0)	ds48	Modellstrg min. Beschleunigung/Vezögerung	V	-	no	UINT32	0	1747626666	10000	-	1	100	0	rw	yes	no	no
2437h (0)	ds55	SM Längsstrom Offset	V	-	no	INT16	-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	u/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

	IDtxt	Name	C	A	PD	Typ	Untergrenze	Obergrenze	Default	SI	Mult	Div	Offset	r/w	Cu	Sec	Sy
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 Bremsung Aktivierungseingang	V	-	yes	UINT16	0	65535	0	-	1	1	0	rw	yes	no	no
243Eh (0)	ds62	DC Bremse	S	-	yes	UINT8	8	8	8	-	1	1	0	ro	yes	no	no
243Eh (1)	ds62	DC-Bremse Modus	V	-	no	UINT32	0	5265	0	-	1	1	0	rw	yes	no	no
243Eh (2)	ds62	DC Bremse Timingmodus	V	-	no	UINT16	0	31	0	-	1	1	0	rw	yes	no	no
243Eh (3)	ds62	Modulationsausschaltzeit	V	-	no	UINT16	0	60000	100	s	1	100	0	ro	yes	no	no
243Eh (4)	ds62	max. DC Strom [%In]	V	-	no	UINT16	0	10000	1000	%	1	10	0	rw	yes	no	no
243Eh (5)	ds62	DC Bremse Boost [%Un]	V	-	no	UINT16	0	16384	4096	%	100	16384	0	rw	yes	no	no
243Eh (6)	ds62	DC-Bremse Zeit	V	-	no	UINT16	0	60000	100	s	1	100	0	rw	yes	no	no
243Eh (7)	ds62	DC-Bremse Drehzahlpegel [%Nn]	V	-	no	UINT16	0	1000	20	%	1	10	0	rw	yes	no	no
243Eh (8)	ds62	DC-Bremse Status	V	-	yes	UINT8	0	5	0	-	1	1	0	ro	yes	no	no
243Fh (0)	ds63	Konfiguration ASiCL Modus	S	-	no	UINT8	7	7	7	-	1	1	0	ro	yes	no	no
243Fh (1)	ds63	ASiCL PT1-Zeit Wirkstrom	V	-	no	UINT16	0	60000	20	ms	1	1	0	rw	yes	no	no
243Fh (2)	ds63	ASiCL PT1-Zeit Schlupf	V	-	no	UINT16	0	60000	200	ms	1	1	0	rw	yes	no	no
243Fh (3)	ds63	ASiCL Schlupfkompensation Abschaltzeit	V	-	no	UINT16	0	60000	200	ms	1	1	0	rw	yes	no	no
243Fh (4)	ds63	ASiCL Rs Modell Stabilisierung Modus	V	-	no	UINT16	0	3	1	-	1	1	0	rw	yes	no	no
243Fh (5)	ds63	ASiCL Rs Adaption Obergrenze	V	-	no	UINT16	0	2000	1200	%	1	10	0	rw	yes	no	no
243Fh (6)	ds63	ASiCL Rs Adaption Untergrenze	V	-	no	UINT16	0	2000	800	%	1	10	0	rw	yes	no	no
243Fh (7)	ds63	ASiCL Rs Adaptionsfaktor	V	-	no	UINT16	0	2000	800	%	1	10	0	rw	yes	no	no
2304h (0)	vl04	vl Minimaldrehzahl Rechtslauf	V	-	no	UINT32	0	128000	0	1/ min	1	1	0	rw	yes	no	no
2305h (0)	vl05	vl Maximaldrehzahl Rechtslauf	V	-	no	UINT32	0	128000	2000	1/ min	1	1	0	rw	yes	no	no
2306h (0)	vl06	vl Minimaldrehzahl Linkslauf	V	-	no	UINT32	0	128000	0	1/ min	1	1	0	rw	yes	no	no
2307h (0)	vl07	vl Maximaldrehzahl Linkslauf	V	-	no	UINT32	0	128000	2000	1/ min	1	1	0	rw	yes	no	no
2314h (0)	vl20	vl Zieldrehzahl (CIA 6042h)	V	-	yes	INT32	-128000	128000	0	1/ min	1	1	0	rw	yes	no	no
2315h (0)	vl21	Zieldrehzahl (13Bit-Auflösung)	V	-	yes	INT32	-1048576000	1048576000	0	1/ min	1	8192	0	rw	yes	no	no
2316h (0)	vl22	Externe Zieldrehzahl	V	-	yes	INT32	-1048576000	1048576000	0	1/ min	1	8192	0	ro	yes	no	no
2329h (0)	vl41	vl Geschwindigkeit Istgrenze Rechtslauf	V	-	yes	INT32	0	128000	0	1/ min	1	1	0	ro	yes	no	no
232Ah (0)	vl42	vl Geschwindigkeit Istgrenze Linkslauf	V	-	yes	INT32	0	128000	0	1/ min	1	1	0	ro	yes	no	no
2500h (0)	co00	Steuerwort (CIA 6040h)	V	-	yes	UINT16	0	65535	0	-	1	1	0	rw	yes	no	no

	IDtxt	Name	C	A	PD	Typ	Untergrenze	Obergrenze	Default	SI	Mult	Div	Offset	r/w	Cu	Sec	Sy
2501h (0)	co01	Betriebsarten Auswahl (CIA 6060h)	V	-	yes	INT8	-2	10	2	-	1	1	0	rw	yes	no	no
2502h (0)	co02	Geschwindigkeitsskalierung	V	-	no	UINT8	0	13	10	-	1	1	0	rw	yes	no	no
2503h (0)	co03	Lageskalierung	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	Drehzahlregelung Geberquelle	V	-	no	UINT8	0	1	0	-	1	1	0	rw	yes	no	no
2506h (0)	co06	Systeminvertierung	V	-	yes	UINT8	0	2	0	-	1	1	0	rw	yes	no	no
2507h (0)	co07	Parametersicherung Status	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 Aktivierung	V	-	no	UINT16	0	1	0	-	1	1	0	rw	yes	no	no
250Ah (0)	co10	Lage Interpolator	V	-	no	UINT8	0	31	4	-	1	1	0	rw	yes	no	no
250Bh (0)	co11	Drehzahl Interpolator	V	-	no	UINT8	0	31	4	-	1	1	0	rw	yes	no	no
250Ch (0)	co12	Drehmoment Interpolator	V	-	no	UINT8	0	31	0	-	1	1	0	rw	yes	no	no
250Dh (0)	co13	Position Vorsteuerung	V	-	yes	UINT32	0	150000	0	µs	1	1	0	rw	yes	no	no
250Fh (0)	co15	Sollmoment (CIA 6071h)	V	-	yes	INT16	-32767	32767	0	-	1	1	0	rw	yes	no	no
2510h (0)	co16	Solldrehzahl (CIA 60FFh)	V	-	yes	INT32	-2147483647	2147483647	0	-	1	1	0	rw	yes	no	no
2511h (0)	co17	Drehzahloffset (CIA 60B1h)	V	-	yes	INT32	-2147483647	2147483647	0	-	1	1	0	rw	yes	no	no
2512h (0)	co18	Drehmomentoffset (CIA 60B2h)	V	-	yes	INT16	-32767	32767	0	-	1	1	0	rw	yes	no	no
2513h (0)	co19	Soll-Lage (CIA 607Ah)	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	Bremsensteuerung Modus	V	-	no	UINT16	0	2047	16	-	1	1	0	rw	yes	no	no
2516h (0)	co22	Bremsensteuerung Öffnungsverzögerung	V	-	no	UINT16	0	10000	0	ms	1	1	0	rw	yes	no	no
2517h (0)	co23	Bremsensteuerung Öffnungszeit	V	-	no	UINT16	0	10000	0	ms	1	1	0	rw	yes	no	no
2518h (0)	co24	Bremsensteuerung Schließverzögerung	V	-	no	UINT16	0	10000	0	ms	1	1	0	rw	yes	no	no
2519h (0)	co25	Bremsensteuerung Schließzeit	V	-	no	UINT16	0	10000	0	ms	1	1	0	rw	yes	no	no
251Ah (0)	co26	Bremsensteuerung	S	-	yes	UINT8	6	6	6	-	1	1	0	ro	yes	no	no
251Ah (1)	co26	Startdrehzahl Öffnungszeit	V	-	yes	INT32	-128000	128000	0	1/ min	1	1	0	rw	yes	no	no
251Ah (2)	co26	Stoppdrehzahl Schließzeit	V	-	yes	INT32	-128000	128000	0	1/ min	1	1	0	rw	yes	no	no
251Ah (3)	co26	Vorsteuermoment	V	-	yes	INT16	-32767	32767	0	-	1	1	0	rw	yes	no	no
251Ah (4)	co26	Drehzahlregelung (KI) Adaption	V	-	yes	UINT32	0	100000	1000	%	1	10	0	rw	yes	no	no
251Ah (5)	co26	Ausblendzeit	V	-	no	UINT16	0	10000	0	ms	1	1	0	rw	yes	no	no
251Ah (6)	co26	Ruhezeit	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

	IDtxt	Name	C	A	PD	Typ	Untergrenze	Obergrenze	Default	SI	Mult	Div	Offset	r/w	Cu	Sec	Sy
251Ch (0)	co28	Verknüpfung Steuerwortbits Maske	A	3	no	UINT16	0	65535	0	-	1	1	0	rw	yes	no	no
251Dh (0)	co29	Auswahl Verknüpfungsart	A	3	no	UINT32	0	4194304	0	-	1	1	0	rw	yes	no	no
251Eh (0)	co30	Steuerwort Maske	V	-	no	UINT16	0	65535	65535	-	1	1	0	rw	yes	no	no
251Fh (0)	co31	Steuerwort intern	V	-	no	UINT16	0	65535	0	-	1	1	0	rw	yes	no	no
2520h (0)	co32	Statusmaschine Eigenschaften	V	-	no	UINT16	0	16383	78	-	1	1	0	rw	yes	no	no
2521h (0)	co33	Steuerwort Mirror Bit	V	-	no	UINT16	0	65535	0	-	1	1	0	rw	yes	no	no
2522h (0)	co34	Statuswort Mirror Bit	V	-	no	UINT16	0	65535	0	-	1	1	0	rw	yes	no	no
2524h (0)	co36	Nichtlineare Momentenvorsteuerung Modus	V	-	yes	UINT8	0	23	0	-	1	1	0	rw	yes	no	no
2525h (0)	co37	Skalierungsfaktor Momentenvorsteuerung	A	64	no	UINT8	0	255	0	-	1	1	0	rw	yes	no	no
2526h (0)	co38	Massenträgheit Vorsteuerkorrektur Array	A	64	no	INT8	-127	127	0	-	1	1	0	rw	yes	no	no
2527h (0)	co39	Massenträgheit Bezugsgröße [kg*cm^2]	V	-	yes	INT32	0	2147483647	0	-	1	100	0	rw	yes	no	no
2528h (0)	co40	Gewichtskompensation Array	A	64	no	INT8	-127	127	0	-	1	1	0	rw	yes	no	no
2529h (0)	co41	Gewichtskompensation Moment	V	-	yes	INT16	0	32767	0	-	1	1	0	rw	yes	no	no
252Ah (0)	co42	Drehzahlabhängige Winkelkorrektur	V	-	yes	INT32	-57266231	57266231	0	µs	50	28633	0	rw	yes	no	no
252Bh (0)	co43	Drehzahlabhängiger Reduzierungsfaktor	A	64	no	UINT8	0	255	0	-	1	1	0	rw	yes	no	no
2530h (0)	co48	Beschleunigung Rechtslauf [s-2]	V	-	yes	INT32	1	1747626666	2000	-	1	100	0	rw	yes	no	no
2531h (0)	co49	Verzögerung Rechtslauf [s-2]	V	-	yes	INT32	1	1747626666	2000	-	1	100	0	rw	yes	no	no
2532h (0)	co50	Beschleunigung Linkslauf [s-2]	V	-	yes	INT32	1	1747626666	2000	-	1	100	0	rw	yes	no	no
2533h (0)	co51	Verzögerung Linkslauf [s-2]	V	-	yes	INT32	1	1747626666	2000	-	1	100	0	rw	yes	no	no
2534h (0)	co52	Beschl. Rechtsl. Ruck unten [s-3]	V	-	yes	INT32	50	104857600	10000	-	1	100	0	rw	yes	no	no
2535h (0)	co53	Beschl. Rechtsl. Ruck oben [s-3]	V	-	yes	INT32	50	104857600	10000	-	1	100	0	rw	yes	no	no
2536h (0)	co54	Verzög. Rechtsl. Ruck oben [s-3]	V	-	yes	INT32	50	104857600	10000	-	1	100	0	rw	yes	no	no
2537h (0)	co55	Verzög. Rechtsl. Ruck unten [s-3]	V	-	yes	INT32	50	104857600	10000	-	1	100	0	rw	yes	no	no
2538h (0)	co56	Beschl. Linksl. Ruck unten [s-3]	V	-	yes	INT32	50	104857600	10000	-	1	100	0	rw	yes	no	no
2539h (0)	co57	Beschl. Linksl. Ruck oben [s-3]	V	-	yes	INT32	50	104857600	10000	-	1	100	0	rw	yes	no	no
253Ah (0)	co58	Verzög. Linksl. Ruck oben [s-3]	V	-	yes	INT32	50	104857600	10000	-	1	100	0	rw	yes	no	no
253Bh (0)	co59	Verzög. Linksl. Ruck unten [s-3]	V	-	yes	INT32	50	104857600	10000	-	1	100	0	rw	yes	no	no
253Ch (0)	co60	Rampenmodus	V	-	yes	UINT8	0	255	1	-	1	1	0	rw	yes	no	no
253Dh (0)	co61	Drehmomentmodus	V	-	yes	UINT16	0	8191	0	-	1	1	0	rw	yes	no	no
253Eh (0)	co62	Schnellhalt auswählbare Momentengrenze	V	-	yes	INT16	0	10000	1000	%	1	10	0	rw	yes	no	no
253Fh (0)	co63	dM/dt Grenze [Mn%/ms]	V	-	yes	INT16	0	10000	0	%	1	100	0	rw	yes	no	no
2553h (0)	co83	Parametersicherung Modus	V	-	no	UINT8	0	1	0	-	1	1	0	rw	yes	no	no
2554h (0)	co84	Drehmomentauflösung	V	-	no	UINT8	0	4	0	-	1	1	0	rw	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 Operatormodus	A	8	yes	UINT16	0	255	5	-	1	1	0	rw	yes	no	no
2605h (0)	do05	Flag Vergleichspegel 1	A	8	yes	INT32	-2147483648	2147483647	0	-	1	10000	0	rw	yes	no	no
2606h (0)	do06	Flag Vergleichspegel 2	A	8	yes	INT32	-2147483648	2147483647	0	-	1	1	0	rw	yes	no	no

	IDtxt	Name	C	A	PD	Typ	Untergrenze	Obergrenze	Default	SI	Mult	Div	Offset	r/w	Cu	Sec	Sy
2607h (0)	do07	Flag Hysterese Operand B	A	8	yes	INT32	0	2147483647	0	-	1	10000	0	rw	yes	no	no
2608h (0)	do08	Flag Filterzeit	A	8	yes	UINT32	0	10000000	0	ms	1	1000	0	rw	yes	no	no
260Ah (0)	do10	Digitalausgänge ext. Quelle	V	-	yes	UINT16	0	255	0	-	1	1	0	rw	yes	no	no
260Bh (0)	do11	Digitalausgänge Logik	V	-	no	UINT16	0	255	0	-	1	1	0	rw	yes	no	no
260Ch (0)	do12	Digitalausgänge Quelle	V	-	no	UINT32	0	65535	0	-	1	1	0	rw	yes	no	no
260Dh (0)	do13	Auswahl Flag für Verknüpfung	A	4	yes	UINT16	0	255	0	-	1	1	0	rw	yes	no	no
260Eh (0)	do14	Invertierung Flags für Verknüpfung	A	4	yes	UINT16	0	255	0	-	1	1	0	rw	yes	no	no
260Fh (0)	do15	Anzahl Flags	V	-	yes	UINT8	0	8	4	-	1	1	0	rw	yes	no	no
2610h (0)	do16	Anzahl verknüpfte Flags	V	-	yes	UINT8	0	4	4	-	1	1	0	rw	yes	no	no
2612h (0)	do18	UND-Operation für verknüpfte Flags	V	-	no	UINT16	0	15	0	-	1	1	0	rw	yes	no	no
2613h (0)	do19	UND-Operation für Ausgänge	V	-	no	UINT16	0	255	0	-	1	1	0	rw	yes	no	no
2614h (0)	do20	Auswahl Flag O1	V	-	yes	UINT16	0	4095	1	-	1	1	0	rw	yes	no	no
2615h (0)	do21	Auswahl Flag O2	V	-	yes	UINT16	0	4095	2	-	1	1	0	rw	yes	no	no
2618h (0)	do24	Auswahl Flag OA	V	-	yes	UINT16	0	4095	1	-	1	1	0	rw	yes	no	no
2619h (0)	do25	Auswahl Flag OB	V	-	yes	UINT16	0	4095	2	-	1	1	0	rw	yes	no	no
261Ah (0)	do26	Auswahl Flag OC	V	-	yes	UINT16	0	4095	4	-	1	1	0	rw	yes	no	no
261Bh (0)	do27	Auswahl Flag Relais	V	-	yes	UINT16	0	4095	0	-	1	1	0	rw	yes	no	no
261Ch (0)	do28	Invertierung Flags für Ausgang	A	8	yes	UINT16	0	4095	0	-	1	1	0	rw	yes	no	no
261Eh (0)	do30	Anzahl Timer	V	-	yes	UINT16	0	2	0	-	1	1	0	rw	yes	no	no
261Fh (0)	do31	Timer Mode	A	2	yes	UINT16	0	255	0	-	1	1	0	rw	yes	no	no
2620h (0)	do32	Timer Freigabe Parameter	A	2	yes	UINT8	0	3	0	-	1	1	0	rw	yes	no	no
2621h (0)	do33	Timer Freigabe Bit	A	2	yes	UINT16	0	32768	0	-	1	1	0	rw	yes	no	no
2622h (0)	do34	Timer Reset Quelle	A	2	yes	UINT8	0	3	0	-	1	1	0	rw	yes	no	no
2623h (0)	do35	Timer Reset Bit	A	2	yes	UINT16	0	32768	0	-	1	1	0	rw	yes	no	no
2624h (0)	do36	Timer Zähl-Parameter	A	2	yes	UINT8	0	3	0	-	1	1	0	rw	yes	no	no
2625h (0)	do37	Timer Zähler Bit	A	2	yes	UINT16	0	32768	0	-	1	1	0	rw	yes	no	no
2626h (0)	do38	Timer Zählrichtung Parameter	A	2	yes	UINT8	0	3	0	-	1	1	0	rw	yes	no	no
2627h (0)	do39	Timer Zählrichtung Bit	A	2	yes	UINT16	0	32768	0	-	1	1	0	rw	yes	no	no
2628h (0)	do40	Timer Endwert	A	2	yes	UINT32	1	8388607	8388607	-	1	1	0	rw	yes	no	no
262Dh (0)	do45	variabler Operand Adresse	A	2	yes	UINT32	0	-1	0	-	1	1	0	rw	yes	no	no
262Eh (0)	do46	variabler Operand Maske	A	2	yes	UINT32	0	-1	-1	-	1	1	0	rw	yes	no	no
262Fh (0)	do47	variabler Operand ohne Vorzeichen	A	2	yes	UINT32	0	-1	0	-	1	1	0	ro	yes	no	no
2630h (0)	do48	variabler Operand mit Vorzeichen	A	2	yes	INT32	-2147483648	2147483647	0	-	1	1	0	ro	yes	no	no
2631h (0)	do49	opt. inverter reaction	V	-	yes	UINT8	0	1	0	-	1	1	0	rw	yes	no	no
2700h (0)	cs00	Steuer-/Regelmodus	V	-	no	UINT8	0	19	16	-	1	1	0	rw	yes	no	no
2701h (0)	cs01	KP Drehzahlregler [%Mn/rpm]	V	-	no	UINT32	0	10737418	100	-	1	10000	0	rw	yes	no	no
2703h (0)	cs03	variables KP Verstärkung	V	-	no	UINT16	0	10240	0	-	1	1024	0	rw	yes	no	no
2704h (0)	cs04	variables KP max. Offset	V	-	no	UINT16	0	5120	0	%	100	1024	0	rw	yes	no	no

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2705h (0)	cs05	Tn Drehzahl	V	-	no	UINT32	0	1073741823	250	ms	1	1000	0	rw	yes	no	no
2706h (0)	cs06	Offset variables Kp Drehzahl	V	-	no	UINT16	0	65535	0	%	1	10	0	rw	yes	no	no
2707h (0)	cs07	Offset variables KI Drehzahl	V	-	no	UINT16	0	65535	0	%	1	10	0	rw	yes	no	no
2708h (0)	cs08	Drehzahl für max. Kp/Ki	V	-	no	UINT16	0	10000	50	%	1	10	0	rw	yes	no	no
2709h (0)	cs09	Drehzahl für normales Kp/Ki	V	-	no	UINT16	0	10000	100	%	1	10	0	rw	yes	no	no
270Ch (0)	cs12	Momentengrenze alle Quadranten (CIA 6072h)	V	-	yes	UINT16	0	10000	2000	%	1	10	0	rw	yes	no	no
270Dh (0)	cs13	Momentengrenze motorisch Rechtslauf (CIA 60E0h)	V	-	yes	INT16	0	10000	5000	%	1	10	0	rw	yes	no	no
270Eh (0)	cs14	Momentengrenze motorisch Linkslauf (CIA 60E1h)	V	-	yes	INT16	-1	10000	-1	%	1	10	0	rw	yes	no	no
270Fh (0)	cs15	Momentengrenze generatorisch Rechtslauf	V	-	yes	INT16	-2	10000	-2	%	1	10	0	rw	yes	no	no
2710h (0)	cs16	Momentengrenze generatorisch Linkslauf	V	-	yes	INT16	-2	10000	-2	%	1	10	0	rw	yes	no	no
2711h (0)	cs17	Massenträgheitsmoment Last (kg*cm^2)	V	-	no	UINT32	0	2000000000	0	-	1	100	0	rw	yes	no	no
2712h (0)	cs18	PT1-Zeit Soll-Lage	V	-	yes	UINT16	0	60000	0	ms	1	1000	0	rw	yes	no	no
2713h (0)	cs19	PT1-Zeit Solldrehzahl	V	-	yes	UINT16	0	60000	0	ms	1	1000	0	rw	yes	no	no
2714h (0)	cs20	PT1-Zeit Sollmoment	V	-	no	UINT16	0	60000	1000	ms	1	1000	0	rw	yes	no	no
2715h (0)	cs21	Drehmomentvorsteuerung Modus	V	-	no	UINT16	0	2	2	-	1	1	0	rw	yes	no	no
2716h (0)	cs22	Drehmomentvorsteuerung PT1-Zeit	V	-	yes	UINT16	0	60000	0	ms	1	1000	0	rw	yes	no	no
2717h (0)	cs23	Drehmomentvorsteuerung Delta Zeit	V	-	no	UINT16	1	8	4	ms	1000	4000	0	rw	yes	no	no
2718h (0)	cs24	Drehmomentvorsteuerung Faktor	V	-	yes	UINT16	0	60000	1000	%	1	10	0	rw	yes	no	no
2719h (0)	cs25	Drehzahlregelung (KP) Adaption	V	-	yes	UINT16	0	8000	1000	%	1	10	0	rw	yes	no	no
271Ah (0)	cs26	Drehzahlregelung (KI) Adaption	V	-	yes	UINT16	0	8000	1000	%	1	10	0	rw	yes	no	no
271Bh (0)	cs27	Drehzahlregelung (KP/KI) Adaptionsmodus	V	-	no	UINT8	0	1	0	-	1	1	0	rw	yes	no	no
2763h (0)	cs99	Optimierungsfaktor	V	-	no	UINT8	19	100	40	-	1	10	0	rw	yes	no	no
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 Adresse setzen	V	-	no	UINT32	0	-1	0	-	1	1	0	rw	yes	no	no
2920h (0)	aa32	int. Daten 1 Zugriffsmodus	V	-	yes	UINT8	0	2	1	-	1	1	0	rw	yes	no	no
2921h (0)	aa33	int. Daten 1 Adresse	V	-	yes	UINT32	0	-1	0	-	1	1	0	rw	yes	no	no
2923h (0)	aa35	int. Daten 2 Zugriffsmodus	V	-	yes	UINT8	0	2	1	-	1	1	0	rw	yes	no	no
2924h (0)	aa36	int. Daten 2 Adresse	V	-	yes	UINT32	0	-1	0	-	1	1	0	rw	yes	no	no
2926h (0)	aa38	int. Daten 3 Zugriffsmodus	V	-	yes	UINT8	0	2	1	-	1	1	0	rw	yes	no	no
2927h (0)	aa39	int. Daten 3 Adresse	V	-	yes	UINT32	0	-1	0	-	1	1	0	rw	yes	no	no
2929h (0)	aa41	int. Daten 4 Zugriffsmodus	V	-	yes	UINT8	0	2	1	-	1	1	0	rw	yes	no	no

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292Ah (0)	aa42	int. Daten 4 Adresse	V	-	yes	UINT32	0	-1	0	-	1	1	0	rw	yes	no	no
292Ch (0)	aa44	int. Daten 5 Zugriffsmodus	V	-	yes	UINT8	0	2	2	-	1	1	0	rw	yes	no	no
292Dh (0)	aa45	int. Daten 5 Adresse	V	-	yes	UINT32	0	-1	0	-	1	1	0	rw	yes	no	no
292Fh (0)	aa47	int. Daten 6 Zugriffsmodus	V	-	yes	UINT8	0	2	2	-	1	1	0	rw	yes	no	no
2930h (0)	aa48	int. Daten 6 Adresse	V	-	yes	UINT32	0	-1	0	-	1	1	0	rw	yes	no	no
2932h (0)	aa50	int. Daten 7 Zugriffsmodus	V	-	yes	UINT8	0	2	2	-	1	1	0	rw	yes	no	no
2933h (0)	aa51	int. Daten 7 Adresse	V	-	yes	UINT32	0	-1	0	-	1	1	0	rw	yes	no	no
2935h (0)	aa53	int. Daten 8 Zugriffsmodus	V	-	yes	UINT8	0	2	2	-	1	1	0	rw	yes	no	no
2936h (0)	aa54	int. Daten 8 Adresse	V	-	yes	UINT32	0	-1	0	-	1	1	0	rw	yes	no	no
2950h (0)	aa80	Optimalstrom gefunden	V	-	no	UINT8	0	1	0	-	1	1	0	rw	yes	no	no
2955h (0)	aa85	fast Interrupt period. Aufrufzeit	V	-	yes	UINT16	0	65535	0	µs	1000	9375	0	ro	yes	no	no
2956h (0)	aa86	fast Interrupt Laufzeit	V	-	yes	UINT16	0	65535	0	µs	1000	9375	0	ro	yes	no	no
2957h (0)	aa87	fast Interrupt Laufzeit(Mittelwert)	V	-	yes	UINT16	0	65535	0	µs	1000	9375	0	ro	yes	no	no
2958h (0)	aa88	fast Interrupt max. Laufzeit (Schleppzeiger)	V	-	yes	UINT16	0	0	0	µs	1000	9375	0	rw	yes	no	no
2959h (0)	aa89	fast Interrupt max. Laufzeit vor Fehler	V	-	no	UINT16	0	65535	1000	%	1	10	0	rw	no	yes	no
295Ah (0)	aa90	mittlerer Interrupt period. Aufrufzeit	V	-	yes	UINT16	0	65535	0	µs	1000	9375	0	ro	yes	no	no
295Bh (0)	aa91	mittlerer Interrupt Laufzeit	V	-	yes	UINT16	0	65535	0	µs	1000	9375	0	ro	yes	no	no
295Ch (0)	aa92	mittlerer Interrupt Laufzeit (Mittelwert)	V	-	yes	UINT16	0	65535	0	µs	1000	9375	0	ro	yes	no	no
295Dh (0)	aa93	mittlerer Interrupt max. Laufzeit (Schleppzeiger)	V	-	yes	UINT16	0	0	0	µs	1000	9375	0	rw	yes	no	no
295Eh (0)	aa94	mittlerer Interrupt max. Laufzeit vor Fehler	V	-	no	UINT16	0	65535	1000	%	1	10	0	rw	no	yes	no
295Fh (0)	aa95	langsamer Interrupt period. Aufrufzeit	V	-	yes	UINT16	0	65535	0	µs	1000	9375	0	ro	yes	no	no
2960h (0)	aa96	langsamer Interrupt Laufzeit	V	-	yes	UINT16	0	65535	0	µs	1000	9375	0	ro	yes	no	no
2961h (0)	aa97	langsamer Interrupt Laufzeit (Mittelwert)	V	-	yes	UINT16	0	65535	0	µs	1000	9375	0	ro	yes	no	no
2962h (0)	aa98	langsamer Interrupt max. Laufzeit (Schleppzeiger)	V	-	yes	UINT16	0	0	0	µs	1000	9375	0	rw	yes	no	no
2963h (0)	aa99	langsamer Interrupt max. Laufzeit vor Fehler	V	-	no	UINT16	0	65535	1000	%	1	10	0	rw	no	yes	no
2965h (0)	aa101	Zeit Hauptaufgabe	V	-	yes	UINT16	0	65535	0	ms	1	16	0	ro	yes	no	no
2967h (0)	aa103	max. Zeit Hauptaufgabe	V	-	yes	UINT16	0	0	0	ms	1	16	0	rw	yes	no	no
2A03h (0)	pn03	OL Warnpegel	V	-	yes	UINT16	0	1000	800	%	1	10	0	rw	yes	no	no
2A04h (0)	pn04	E.OL Stoppmodus	V	-	yes	UINT8	0	1	0	-	1	1	0	rw	yes	no	no
2A05h (0)	pn05	OL2 Warnpegel	V	-	yes	UINT16	200	1000	800	%	1	10	0	rw	yes	no	no
2A06h (0)	pn06	Temperaturwarnung Einstellmodus	V	-	yes	UINT8	0	1	0	-	1	1	0	rw	yes	no	no
2A07h (0)	pn07	OH Warnpegel	V	-	yes	UINT16	0	1500	700	°C	1	10	0	rw	yes	no	no
2A08h (0)	pn08	E.OH Stoppmodus	V	-	yes	UINT8	0	1	0	-	1	1	0	rw	yes	no	no
2A09h (0)	pn09	OHI Warnpegel	V	-	yes	UINT16	0	1500	600	°C	1	10	0	rw	yes	no	no
2A0Ah (0)	pn10	E.OHI Stoppmodus	V	-	yes	UINT8	0	1	0	-	1	1	0	rw	yes	no	no
2A0Bh (0)	pn11	dOH Warnpegel	V	-	yes	UINT16	0	2000	1000	°C	1	10	0	rw	yes	no	no
2A0Ch (0)	pn12	E.dOH Stoppmodus	V	-	yes	UINT8	0	9	0	-	1	1	0	rw	yes	no	no
2A0Dh (0)	pn13	E.dOH Verzögerungszeit	V	-	yes	UINT16	0	1200	0	s	1	10	0	rw	yes	no	no

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2A0Eh (0)	pn14	dOH Fehlerpegel	V	-	yes	UINT16	0	2000	1500	°C	1	10	0	rw	yes	no	no
2A0Fh (0)	pn15	OH2 Warnpegel	V	-	yes	UINT16	0	1000	1000	%	1	10	0	rw	yes	no	no
2A10h (0)	pn16	E.OH2 Stoppmodus	V	-	yes	UINT8	0	9	0	-	1	1	0	rw	yes	no	no
2A11h (0)	pn17	PT1-Zeit effektive Motorauslastung	V	-	yes	UINT16	1	30000	100	s	1	100	0	rw	yes	no	no
2A12h (0)	pn18	Softwareendschalter links	V	-	yes	INT32	-2147483648	2147483647	-2147483648	INC	1	1	0	rw	yes	no	no
2A13h (0)	pn19	Softwareendschalter rechts	V	-	yes	INT32	-2147483648	2147483647	2147483647	INC	1	1	0	rw	yes	no	no
2A14h (0)	pn20	E.SW-Endschalter Stoppmodus	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 Stoppmodus	V	-	yes	UINT8	0	8	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	Übergeschwindigkeitspegel	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	67108863	127	-	1	1	0	rw	yes	no	no
2A1Dh (0)	pn29	Prog. Fehler Stoppmodus	V	-	yes	UINT8	0	9	7	-	1	1	0	rw	yes	no	no
2A1Eh (0)	pn30	Prog. Fehler Quelle	V	-	yes	UINT16	0	65535	0	-	1	1	0	rw	yes	no	no
2A1Fh (0)	pn31	Aktivierung Bremstransistoreingang	V	-	yes	UINT16	0	4095	0	-	1	1	0	rw	yes	no	no
2A20h (0)	pn32	Aktivierung Bremstransistor Spannung	V	-	no	UINT16	0	15000	7800	V	1	10	0	rw	yes	no	no
2A21h (0)	pn33	Bremstransistor Optionen	V	-	no	UINT16	0	511	5	-	1	1	0	rw	yes	no	no
2A24h (0)	pn36	Max Beschleunigung/Verzögerung [s-2]	V	-	yes	INT32	1	1747626666	436906667	-	1	100	0	rw	yes	no	no
2A25h (0)	pn37	Fehler max. Beschleunigung Stoppmodus	V	-	yes	UINT8	0	8	7	-	1	1	0	rw	yes	no	no
2A26h (0)	pn38	Drehzahldifferenz Pegel	V	-	yes	UINT16	0	8000	50	%	1	10	0	rw	yes	no	no
2A27h (0)	pn39	Drehzahldifferenz Zeit	V	-	yes	UINT16	0	65535	100	ms	1	4	0	rw	yes	no	no
2A28h (0)	pn40	Fehler Drehzahldifferenz Stoppmodus	V	-	yes	UINT8	0	8	7	-	1	1	0	rw	yes	no	no
2A29h (0)	pn41	Drehzahldifferenz Berechnungsmodus	V	-	yes	UINT16	0	515	1	-	1	1	0	rw	yes	no	no
2A2Ah (0)	pn42	Fehler UPH Stoppmodus	V	-	yes	UINT8	0	8	7	-	1	1	0	rw	yes	no	no
2A2Bh (0)	pn43	USV Betrieb	S	-	yes	UINT8	5	5	5	-	1	1	0	ro	yes	no	no
2A2Bh (1)	pn43	Freigabe USV Betrieb	V	-	yes	UINT8	0	2	0	-	1	1	0	rw	yes	no	no
2A2Bh (2)	pn43	USV Freigabe Eingangsauswahl	V	-	yes	UINT16	0	65535	0	-	1	1	0	rw	yes	no	no
2A2Bh (3)	pn43	UP Offset USV Betrieb	V	-	yes	UINT16	0	1000	0	V	1	10	0	rw	yes	no	no
2A2Bh (4)	pn43	USV UP Fehler Level	V	-	yes	UINT16	500	10000	2000	V	1	10	0	ro	yes	no	no
2A2Bh (5)	pn43	USV UP Reset Level	V	-	yes	UINT16	500	10000	2000	V	1	10	0	ro	yes	no	no

	IDtxt	Name	C	A	PD	Typ	Untergrenze	Obergrenze	Default	SI	Mult	Div	Offset	r/w	Cu	Sec	Sy
2A2Dh (0)	pn45	Wartezeit nach Fehlerreaktionsrampe	V	-	yes	INT16	0	30000	4000	ms	1	4	0	rw	yes	no	no
2A2Eh (0)	pn46	Fehlerreaktionsabbruch Quelle	V	-	yes	UINT16	0	4095	0	-	1	1	0	rw	yes	no	no
2A2Fh (0)	pn47	Endgeschwindigkeit Fehlerreaktion	V	-	yes	INT32	-128000	128000	0	1/ min	1	1	0	rw	yes	no	no
2A30h (0)	pn48	Fehler Beschleunigung Rechtslauf [s-2]	V	-	yes	INT32	1	1747626666	2000	-	1	100	0	rw	yes	no	no
2A31h (0)	pn49	Fehler Verzögerung Rechtslauf [s-2]	V	-	yes	INT32	1	1747626666	2000	-	1	100	0	rw	yes	no	no
2A32h (0)	pn50	Fehler Beschleunigung Linkslauf [s-2]	V	-	yes	INT32	1	1747626666	2000	-	1	100	0	rw	yes	no	no
2A33h (0)	pn51	Fehler Verzögerung Linkslauf [s-2]	V	-	yes	INT32	1	1747626666	2000	-	1	100	0	rw	yes	no	no
2A34h (0)	pn52	Fehler Beschl. Rechtsl. Ruck unten [s-3]	V	-	yes	INT32	50	104857600	10000	-	1	100	0	rw	yes	no	no
2A35h (0)	pn53	Fehler Beschl. Rechtsl. Ruck oben [s-3]	V	-	yes	INT32	50	104857600	10000	-	1	100	0	rw	yes	no	no
2A36h (0)	pn54	Fehler Verzög. Rechtsl. Ruck oben [s-3]	V	-	yes	INT32	50	104857600	10000	-	1	100	0	rw	yes	no	no
2A37h (0)	pn55	Fehler Verzög. Rechtsl. Ruck unten [s-3]	V	-	yes	INT32	50	104857600	10000	-	1	100	0	rw	yes	no	no
2A38h (0)	pn56	Fehler Beschl. Linksl. Ruck unten [s-3]	V	-	yes	INT32	50	104857600	10000	-	1	100	0	rw	yes	no	no
2A39h (0)	pn57	Fehler Beschl. Linksl. Ruck oben [s-3]	V	-	yes	INT32	50	104857600	10000	-	1	100	0	rw	yes	no	no
2A3Ah (0)	pn58	Fehler Verzög. Linksl. Ruck oben [s-3]	V	-	yes	INT32	50	104857600	10000	-	1	100	0	rw	yes	no	no
2A3Bh (0)	pn59	Fehler Verzög. Linksl. Ruck unten [s-3]	V	-	yes	INT32	50	104857600	10000	-	1	100	0	rw	yes	no	no
2A3Ch (0)	pn60	Fehlerreaktionsrampe Modus	V	-	yes	UINT8	0	255	0	-	1	1	0	rw	yes	no	no
2A3Eh (0)	pn62	Fehlerreaktion Eigenschaften	V	-	yes	UINT8	0	1	0	-	1	1	0	rw	yes	no	no
2A46h (0)	pn70	Übergeschwindigkeit (EMK)	V	-	no	UINT16	0	1000	900	%	1	10	0	rw	yes	no	no
2A47h (0)	pn71	Fehler! Übergeschwindigkeit(EMK) Stoppmodus	V	-	yes	UINT8	0	8	0	-	1	1	0	rw	yes	no	no
2A48h (0)	pn72	Übergeschwindigkeit (EMK) Grenze	V	-	yes	UINT32	0	2147483647	0	1/ min	1	8192	0	ro	yes	no	no
2A4Ch (0)	pn76	UP2 Verzögerungszeit	V	-	no	UINT16	0	10000	0	s	1	1000	0	rw	yes	no	no
2A4Dh (0)	pn77	E.UP2 Stoppmodus	V	-	no	UINT8	0	9	7	-	1	1	0	rw	yes	no	no
2A4Eh (0)	pn78	Endschalter Rechtslauf Stoppmodus	V	-	yes	UINT8	0	8	7	-	1	1	0	rw	yes	no	no
2A4Fh (0)	pn79	Endschalter Linkslauf Stoppmodus	V	-	yes	UINT8	0	8	7	-	1	1	0	rw	yes	no	no
2A50h (0)	pn80	Sicherheitsstoppmodus	V	-	yes	UINT8	0	8	7	-	1	1	0	rw	yes	no	no
2A51h (0)	pn81	Warnung OH Stoppmodus	V	-	yes	UINT8	0	8	6	-	1	1	0	rw	yes	no	no
2A52h (0)	pn82	Warnung OHI Stoppmodus	V	-	yes	UINT8	0	8	6	-	1	1	0	rw	yes	no	no
2A53h (0)	pn83	Aktivierung automatischer Reset	V	-	no	UINT16	0	3	0	-	1	1	0	rw	yes	no	no
2A54h (0)	pn84	Autom. Reset UP Konfiguration	S	-	no	UINT8	3	3	3	-	1	1	0	ro	yes	no	no
2A54h (1)	pn84	AutoRetry Zeit	V	-	no	UINT16	0	1000	0	s	1	100	0	rw	yes	no	no
2A54h (2)	pn84	Modus Fehlerunterdrückung	V	-	no	UINT16	0	7	0	-	1	1	0	rw	yes	no	no
2A54h (3)	pn84	AutoRetry UP Beschleunigung [s-2]	V	-	no	INT32	0	1747626666	0	-	1	100	0	rw	yes	no	no
2A55h (0)	pn85	variable Modulationabschaltzeit	S	-	yes	UINT8	2	2	2	-	1	1	0	ro	yes	no	no
2A55h (1)	pn85	variable Zeit Nutzung	V	-	yes	UINT8	0	15	0	-	1	1	0	rw	yes	no	no
2A55h (2)	pn85	variable Zeit Vorgbabe	V	-	yes	UINT16	1	1000	5	s	1	100	0	rw	yes	no	no
2A56h (0)	pn86	Fehler 4..20mA Eingang Stoppmodus	V	-	yes	UINT8	0	136	7	-	1	1	0	rw	yes	no	no
2A57h (0)	pn87	Blockade Schutz	S	-	yes	UINT8	6	6	6	-	1	1	0	ro	yes	no	no

	IDtxt	Name	C	A	PD	Typ	Untergrenze	Obergrenze	Default	SI	Mult	Div	Offset	r/w	Cu	Sec	Sy
2A57h (1)	pn87	Blockade Schutz Mode	V	-	yes	UINT16	0	16383	5392	-	1	1	0	rw	yes	no	no
2A57h (2)	pn87	Blockade Ansprech Drehzahl	V	-	yes	UINT32	0	81920000	819200	1/ min	1	8192	0	rw	yes	no	no
2A57h (3)	pn87	Blockade Ansprech Zeit	V	-	yes	UINT16	0	10000	100	s	1	100	0	rw	yes	no	no
2A57h (4)	pn87	Blockade Reaktion Zeit	V	-	yes	UINT16	0	10000	100	s	1	100	0	rw	yes	no	no
2A57h (5)	pn87	Blockade Strom-/Moment Untergrenze	V	-	yes	UINT16	0	100	20	%	1	1	0	rw	yes	no	no
2A57h (6)	pn87	Blockade Status	V	-	yes	UINT8	0	4	0	-	1	1	0	ro	yes	no	no
2A58h (0)	pn88	Relative Auslastung	S	-	yes	UINT8	4	4	4	-	1	1	0	ro	yes	no	no
2A58h (1)	pn88	Konfiguration Auslastungsanzeige ru80	V	-	yes	UINT16	0	255	0	-	1	1	0	rw	yes	no	no
2A58h (2)	pn88	applikationsspezifisches Bezugsmoment	V	-	yes	UINT16	0	10000	0	%	1	10	0	rw	yes	no	no
2A58h (3)	pn88	aktuelle Momentengrenze	V	-	yes	UINT16	0	10001	0	%	1	10	0	ro	yes	no	no
2A58h (4)	pn88	thermische Momentengrenze	V	-	yes	UINT16	0	10001	0	%	1	10	0	ro	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
2B0Ah (0)	fb10	Sync Interval	V	-	no	UINT16	0	16000	0	µs	1	1	0	rw	no	no	yes
2B0Bh (0)	fb11	Synchronpegel Grenze	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	DIN66019 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	Knotenadressen	S	-	no	UINT8	2	2	2	-	1	1	0	ro	yes	no	no
2B0Fh (1)	fb15	Knotenadresse der Applikation	V	-	no	UINT8	0	255	2	-	1	1	0	rw	no	no	yes
2B0Fh (2)	fb15	Knotenadresse des Debuggers	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	Gemessenes Sync Interval	V	-	yes	UINT16	0	65535	0	µs	64	75	0	ro	yes	no	no
2B14h (0)	fb20	Anzahl ungültiger RX-Frames Port0	V	-	no	UINT8	0	255	0	-	1	1	0	ro	yes	no	no
2B15h (0)	fb21	Zähler RX Fehler Port0	V	-	no	UINT8	0	255	0	-	1	1	0	ro	yes	no	no
2B16h (0)	fb22	Anzahl ungültiger RX-Frames Port1	V	-	no	UINT8	0	255	0	-	1	1	0	ro	yes	no	no
2B17h (0)	fb23	Zähler RX Fehler Port1	V	-	no	UINT8	0	255	0	-	1	1	0	ro	yes	no	no
2B18h (0)	fb24	Zähler RX Weiterleitungsfehler Port0	V	-	no	UINT8	0	255	0	-	1	1	0	ro	yes	no	no
2B19h (0)	fb25	Zähler RX Weiterleitungsfehler Port1	V	-	no	UINT8	0	255	0	-	1	1	0	ro	yes	no	no
2B1Ah (0)	fb26	Zähler Fehler Prozesseinheit	V	-	no	UINT8	0	255	0	-	1	1	0	ro	yes	no	no

	IDtxt	Name	C	A	PD	Typ	Untergrenze	Obergrenze	Default	SI	Mult	Div	Offset	r/w	Cu	Sec	Sy
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
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	Auswahl der Prozessdatengröße	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 baudrate	V	-	no	UINT8	1	8	7	-	1	1	0	rw	no	no	yes
2B43h (0)	fb67	Feldbuskonfiguration	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	Wechselzähler	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	3	3	3	-	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
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 Schalterwert	V	-	no	UINT8	0	255	0	-	1	1	0	ro	yes	no	no
2B65h (0)	fb101	eingestellter Node ID Wert	V	-	no	UINT8	0	255	0	-	1	1	0	rw	no	no	yes
2B66h (0)	fb102	aktive 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 Adresse (Ethernet Kanal)	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

	IDtxt	Name	C	A	PD	Typ	Untergrenze	Obergrenze	Default	SI	Mult	Div	Offset	r/w	Cu	Sec	Sy
2B6Dh (1)	fb109	IP address	V	-	no	UINT32	0	-1	-1062731676	-	1	1	0	rw	no	no	yes
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	Namen scannen	A	2	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	13	5	-	1	1	0	rw	no	no	yes
2C01h (0)	ru01	Ausnahmestatus	V	-	yes	UINT8	0	255	0	-	1	1	0	ro	yes	no	no
2C02h (0)	ru02	warning bits	V	-	yes	UINT32	0	67108863	0	-	1	1	0	ro	yes	no	no
2C03h (0)	ru03	Warnstatus	V	-	yes	UINT8	0	255	0	-	1	1	0	ro	yes	no	no
2C04h (0)	ru04	Status Versorgungseinheit	V	-	yes	UINT8	0	255	0	-	1	1	0	ro	yes	no	no
2C05h (0)	ru05	Sollwertanzeige	V	-	yes	INT32	-2147483647	2147483647	0	1/ min	1	8192	0	ro	yes	no	no
2C06h (0)	ru06	Anzeige Rampenausgangswert	V	-	yes	INT32	-2147483647	2147483647	0	1/ min	1	8192	0	ro	yes	no	no
2C07h (0)	ru07	Istfrequenz	V	-	yes	INT32	-2147483647	2147483647	0	Hz	1	8192	0	ro	yes	no	no
2C08h (0)	ru08	Istdrehzahl	V	-	yes	INT32	-2147483647	2147483647	0	1/ min	1	8192	0	ro	yes	no	no
2C0Ah (0)	ru10	Istscheinstrom	V	-	yes	INT32	-110000	110000	0	A	1	100	0	ro	yes	no	no
2C0Bh (0)	ru11	Istwirkstrom	V	-	yes	INT32	-110000	110000	0	A	1	100	0	ro	yes	no	no
2C0Ch (0)	ru12	Istblindstrom	V	-	yes	INT32	-110000	110000	0	A	1	100	0	ro	yes	no	no
2C0Dh (0)	ru13	Scheinstrom Spitzenwert	V	-	yes	INT32	-110000	110000	0	A	1	100	0	rw	yes	no	no
2C0Eh (0)	ru14	DC Istspannung	V	-	yes	UINT16	0	65535	0	V	1	10	0	ro	yes	no	no
2C0Fh (0)	ru15	DC Spitzenspannung	V	-	yes	UINT16	0	65535	0	V	1	10	0	rw	yes	no	no
2C10h (0)	ru16	Aktuelle Ausgangsspannung	V	-	yes	UINT16	0	10000	0	V	1	10	0	ro	yes	no	no
2C11h (0)	ru17	Modulationsgrad	V	-	yes	UINT16	0	1100	0	%	100	16384	0	ro	yes	no	no
2C12h (0)	ru18	Digitaleingänge Status	V	-	yes	UINT16	0	65535	0	-	1	1	0	ro	yes	no	no
2C13h (0)	ru19	Interner Ausgangsstatus	V	-	yes	UINT16	0	65535	0	-	1	1	0	ro	yes	no	no
2C14h (0)	ru20	Digitalausgänge Status	V	-	yes	UINT16	0	65535	0	-	1	1	0	ro	yes	no	no
2C15h (0)	ru21	Digitalausgänge Flags	V	-	yes	UINT16	0	65535	0	-	1	1	0	ro	yes	no	no
2C17h (0)	ru23	Sollmoment	V	-	yes	INT16	-32768	32767	0	%	1	10	0	ro	yes	no	no
2C18h (0)	ru24	Istmoment	V	-	yes	INT16	-32768	32767	0	%	1	10	0	ro	yes	no	no
2C19h (0)	ru25	Kühlkörpertemperaturen	S	-	yes	UINT8	4	4	4	-	1	1	0	ro	yes	no	no
2C19h (1)	ru25	Kühlkörpertemperatur 1	V	-	yes	INT16	-32767	32767	0	°C	1	10	0	ro	yes	no	no
2C19h (2)	ru25	Kühlkörpertemperatur 2	V	-	yes	INT16	-32767	32767	0	°C	1	10	0	ro	yes	no	no
2C19h (3)	ru25	Kühlkörpertemperatur 3	V	-	yes	INT16	-32767	32767	0	°C	1	10	0	ro	yes	no	no
2C19h (4)	ru25	minimaler Abstand bis OH	V	-	yes	INT16	-32767	32767	0	°C	1	10	0	ro	yes	no	no
2C1Ah (0)	ru26	Innenraumtemperaturen	S	-	yes	UINT8	5	5	5	-	1	1	0	ro	yes	no	no
2C1Ah (1)	ru26	Innenraumtemperatur LT 1	V	-	yes	INT16	-32767	32767	0	°C	1	10	0	ro	yes	no	no
2C1Ah (2)	ru26	Innenraumtemperatur LT 2	V	-	yes	INT16	-32767	32767	0	°C	1	10	0	ro	yes	no	no

	IDtxt	Name	C	A	PD	Typ	Untergrenze	Obergrenze	Default	SI	Mult	Div	Offset	r/w	Cu	Sec	Sy
2C1Ah (3)	ru26	Innenraumtemperatur LT 3	V	-	yes	INT16	-32767	32767	0	°C	1	10	0	ro	yes	no	no
2C1Ah (4)	ru26	minimale Distanz zu OHI	V	-	yes	INT16	-32767	32767	0	°C	1	10	0	ro	yes	no	no
2C1Ah (5)	ru26	Innenraumtemperatur Steuerkarte	V	-	yes	INT16	-32767	32767	0	°C	1	10	0	ro	yes	no	no
2C1Bh (0)	ru27	OL2-Zähler	V	-	yes	UINT16	0	1000	0	%	1	10	0	ro	yes	no	no
2C1Ch (0)	ru28	Motortemperatur	V	-	yes	INT16	-32767	32767	0	°C	1	10	0	ro	yes	no	no
2C1Dh (0)	ru29	OL-Zähler	V	-	yes	UINT16	0	1000	0	%	1	10	0	ro	yes	no	no
2C1Eh (0)	ru30	interner Kommunikationsstatus	V	-	yes	UINT32	0	2147483647	0	-	1	1	0	ro	yes	no	no
2C20h (0)	ru32	Motorschutz Zähler	V	-	yes	UINT16	0	1000	0	%	1	10	0	ro	yes	no	no
2C22h (0)	ru34	akt. Momentengrenze motorisch Rechtslauf	V	-	yes	INT16	0	10000	0	%	1	10	0	ro	yes	no	no
2C23h (0)	ru35	akt. Momentengrenze motorisch Linkslauf	V	-	yes	INT16	0	10000	0	%	1	10	0	ro	yes	no	no
2C24h (0)	ru36	akt. Momentengrenze generatorisch Rechtslauf	V	-	yes	INT16	0	10000	0	%	1	10	0	ro	yes	no	no
2C25h (0)	ru37	akt. Momentengrenze generatorisch Linkslauf	V	-	yes	INT16	0	10000	0	%	1	10	0	ro	yes	no	no
2C29h (0)	ru41	Digitaleingänge Klemmenstatus	V	-	yes	UINT16	0	65535	0	-	1	1	0	ro	yes	no	no
2C2Ah (0)	ru42	Anzeige AN1 direkt	V	-	yes	INT16	-1000	1000	0	%	100	4096	0	ro	yes	no	no
2C2Bh (0)	ru43	Anzeige AN1 nach Eingangsblock	V	-	yes	INT16	-1000	1000	0	%	100	4096	0	ro	yes	no	no
2C2Ch (0)	ru44	Anzeige AN2 direkt	V	-	yes	INT16	-1000	1000	0	%	100	4096	0	ro	yes	no	no
2C2Dh (0)	ru45	Anzeige AN2 nach Eingangsblock	V	-	yes	INT16	-1000	1000	0	%	100	4096	0	ro	yes	no	no
2C2Eh (0)	ru46	Anzeige AN3 direkt	V	-	yes	INT16	-1000	1000	0	%	100	4096	0	ro	yes	no	no
2C30h (0)	ru48	Analog REF Anzeige	V	-	yes	INT16	-1000	1000	0	%	100	4096	0	ro	yes	no	no
2C31h (0)	ru49	Analog AUX Anzeige	V	-	yes	INT16	-1000	1000	0	%	100	4096	0	ro	yes	no	no
2C32h (0)	ru50	Istmomentgrenze positiv	V	-	yes	INT16	0	10000	0	%	1	10	0	ro	yes	no	no
2C33h (0)	ru51	Istmomentgrenze negativ	V	-	yes	INT16	0	10000	0	%	1	10	0	ro	yes	no	no
2C34h (0)	ru52	Systemdatum	V	-	yes	UINT32	0	-1	0	-	1	1	0	rw	yes	no	no
2C35h (0)	ru53	Systemzeit	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 Ausgangswert	V	-	yes	INT16	-1000	1000	0	%	100	4096	0	ro	yes	no	no
2C39h (0)	ru57	effektive Motorauslastung	V	-	yes	UINT16	0	65535	0	%	1	10	0	ro	yes	no	no
2C3Ah (0)	ru58	Aktueller Index	V	-	yes	UINT8	0	31	0	-	1	1	0	ro	yes	no	no
2C3Fh (0)	ru63	DC Spannung Vorladung	V	-	yes	UINT16	0	65535	0	V	1	10	0	ro	yes	no	no
2C48h (0)	ru72	aktuelle Schaltfrequenz	V	-	yes	UINT16	0	3200	0	kHz	1	100	0	ro	yes	no	no
2C49h (0)	ru73	Imot/ImaxOl2	V	-	yes	INT16	0	8000	0	%	1	10	0	ro	yes	no	no
2C4Ah (0)	ru74	Status der ungefilterten Flags	V	-	yes	UINT16	0	65535	0	-	1	1	0	ro	yes	no	no
2C4Bh (0)	ru75	Globale Statusanzeige Antrieb	V	-	yes	UINT32	0	-1	0	-	1	1	0	ro	yes	no	no
2C4Ch (0)	ru76	Statusanzeige Antrieb	V	-	yes	UINT32	0	-1	0	-	1	1	0	ro	yes	no	no
2C4Eh (0)	ru78	Anzeige Analogausgang	V	-	yes	INT32	0	32768	0	%	25	8192	0	ro	yes	no	no
2C50h (0)	ru80	Relative Auslastung	V	-	yes	UINT16	0	10000	0	%	1	10	0	ro	yes	no	no
2C51h (0)	ru81	Istmoment	V	-	yes	INT32	0	500000000	0	Nm	1	1000	0	ro	yes	no	no

	IDtxt	Name	C	A	PD	Typ	Untergrenze	Obergrenze	Default	SI	Mult	Div	Offset	r/w	Cu	Sec	Sy
2C52h (0)	ru82	actual power/energy	S	-	yes	UINT8	7	7	7	-	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	kWh	1	1000	0	rw	yes	no	no
2C52h (7)	ru82	out. energy gen. volatile	V	-	yes	UINT32	0	-1	0	kWh	1	1000	0	rw	yes	no	no
2C53h (0)	ru83	Drehzahldifferenz	A	4	yes	INT32	-2147483648	2147483647	0	1/min	1	8192	0	ro	yes	no	no
2C54h (0)	ru84	Referenzwertanzeige	V	-	yes	INT32	-2147483647	2147483647	0	1/min	1	8192	0	ro	yes	no	no
2C55h (0)	ru85	Istdrehzahl geglättet	V	-	yes	INT32	-2147483647	2147483647	0	1/min	1	8192	0	ro	yes	no	no
2C56h (0)	ru86	Solldrehzahl NormalBetrieb	V	-	yes	INT32	-2147483647	2147483647	0	1/min	1	8192	0	ro	yes	no	no
2C57h (0)	ru87	Profildrehzahl geglättet	V	-	yes	INT32	-2147483647	2147483647	0	1/min	1	8192	0	ro	yes	no	no
2C58h (0)	ru88	vollständiger Flagstatus	V	-	yes	UINT16	0	65535	0	-	1	1	0	ro	yes	no	no
2C59h (0)	ru89	Timer Wert	A	2	yes	UINT32	0	8388607	0	-	1	1	0	ro	yes	no	no
2C5Ah (0)	ru90	Sinusfilterbetrieb	S	-	yes	UINT8	8	8	8	-	1	1	0	ro	yes	no	no
2C5Ah (1)	ru90	Motorwirkstrom	V	-	yes	INT32	-2147483647	2147483647	0	A	1	100	0	ro	yes	no	no
2C5Ah (2)	ru90	Motorblindstrom	V	-	yes	INT32	-2147483647	2147483647	0	A	1	100	0	ro	yes	no	no
2C5Ah (3)	ru90	Motorstrom	V	-	yes	INT32	-2147483647	2147483647	0	A	1	100	0	ro	yes	no	no
2C5Ah (4)	ru90	Kondensatorblindstrom	V	-	yes	INT32	-2147483647	2147483647	0	A	1	100	0	ro	yes	no	no
2C5Ah (5)	ru90	Kondensatorsollblindstrom	V	-	yes	INT32	-2147483647	2147483647	0	A	1	100	0	ro	yes	no	no
2C5Ah (6)	ru90	geschätzter Motorwirkstrom	V	-	yes	INT32	-2147483647	2147483647	0	A	1	100	0	ro	yes	no	no
2C5Ah (7)	ru90	geschätzter Motorblindstrom	V	-	yes	INT32	-2147483647	2147483647	0	A	1	100	0	ro	yes	no	no
2C5Ah (8)	ru90	geschätzter Motorstrom	V	-	yes	INT32	-2147483647	2147483647	0	A	1	100	0	ro	yes	no	no
2E00h (0)	ps00	Lageregler Modus	V	-	yes	UINT16	0	2	1	-	1	1	0	rw	yes	no	no
2E01h (0)	ps01	KP Lageregler	V	-	yes	UINT16	0	65000	100	1/min	1	10	0	rw	yes	no	no
2E02h (0)	ps02	KP Stillstandslageregler	V	-	yes	UINT16	0	65000	0	1/min	1	10	0	rw	yes	no	no
2E03h (0)	ps03	drehzahlabhängige KP Absenkung %	V	-	no	UINT16	0	1000	0	%	1	10	0	rw	yes	no	no
2E04h (0)	ps04	Drehzahl für max. KP Absenkung	V	-	yes	INT32	0	128000	3000	1/min	1	1	0	rw	yes	no	no
2E0Ah (0)	ps10	Lagereglergrenze %	V	-	no	UINT16	0	10000	100	%	1	10	0	rw	yes	no	no
2E0Ch (0)	ps12	Schleppfehler Fenster (CIA 6065h)	V	-	no	UINT32	0	2147483647	5000	-	1	1	0	rw	yes	no	no
2E0Dh (0)	ps13	Schleppfehler Zeitüberschreitung (CIA 6066h)	V	-	yes	UINT16	0	65535	0	ms	1	1	0	rw	yes	no	no
2E0Eh (0)	ps14	Zielfenster (CIA 6067h)	V	-	no	UINT32	0	2147483647	5000	-	1	1	0	rw	yes	no	no

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2E0Fh (0)	ps15	Zielfenster Zeit (CIA 6068h)	V	-	yes	UINT16	0	65535	0	ms	1	1	0	rw	yes	no	no
2E10h (0)	ps16	Softw. Positionsgrenze positiv (CIA 607Dh Sub2)	V	-	yes	INT32	-2147483648	2147483647	2147483647	-	1	1	0	rw	yes	no	no
2E11h (0)	ps17	Softw. Positionsgrenze negativ (CIA 607Dh Sub1)	V	-	yes	INT32	-2147483648	2147483647	-2147483648	-	1	1	0	rw	yes	no	no
2E12h (0)	ps18	Positionswertebereich Minimalwert (CIA 607Bh Sub1)	V	-	yes	INT32	-2147483648	2147483647	-2147483648	-	1	1	0	rw	yes	no	no
2E13h (0)	ps19	Positionswertebereich Maximalwert (CIA 607Bh Sub2)	V	-	yes	INT32	-2147483648	2147483647	2147483647	-	1	1	0	rw	yes	no	no
2E14h (0)	ps20	Zyklische Referenzierung Fenster	V	-	yes	INT32	0	2147483647	0	-	1	1	0	rw	yes	no	no
2E15h (0)	ps21	Zyklische Referenzierung Fehlerzähler	V	-	yes	UINT16	0	65535	0	-	1	1	0	ro	yes	no	no
2E16h (0)	ps22	Status Parameterüberprüfung	V	-	yes	UINT16	0	65535	0	-	1	1	0	ro	yes	no	no
2E17h (0)	ps23	Positionsbereich Perioden	V	-	no	UINT16	0	32767	0	-	1	1	0	rw	yes	no	no
2E18h (0)	ps24	Bereichskorrektur	V	-	no	UINT16	0	2048	0	-	1	1	0	rw	yes	no	no
2E1Eh (0)	ps30	Profilgeschwindigkeit (CIA 6081h)	V	-	yes	UINT32	0	128000	0	1/ min	1	1	0	rw	yes	no	no
2E1Fh (0)	ps31	Endgeschwindigkeit (CIA 6082h)	V	-	yes	UINT32	0	128000	0	1/ min	1	1	0	rw	yes	no	no
2E20h (0)	ps32	max Profilgeschwindigkeit (CIA 607Fh)	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	Getriebefaktor Lage Zähler	V	-	yes	INT32	-1073741824	1073741823	1000	-	1	1	0	rw	yes	no	no
2E24h (0)	ps36	Getriebefaktor Lage Nenner	V	-	yes	INT32	1	1073741823	1000	-	1	1	0	rw	yes	no	no
2E26h (0)	ps38	positioning module	V	-	yes	UINT8	0	63	0	-	1	1	0	rw	yes	no	no
2E27h (0)	ps39	Index Lage	A	32	yes	INT32	-2147483648	2147483647	0	-	1	1	0	rw	yes	no	no
2E28h (0)	ps40	Index Drehzahl	A	32	yes	INT32	-128000	128000	0	1/ min	1	1	0	rw	yes	no	no
2E29h (0)	ps41	Index Enddrehzahl	A	32	yes	INT32	-128000	128000	0	1/ min	1	1	0	rw	yes	no	no
2E2Ah (0)	ps42	nächster 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	Abbruch Indexpositionierung Quelle	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	aktiver Index	V	-	yes	INT8	-1	31	-1	-	1	1	0	ro	yes	no	no
2E30h (0)	ps48	ps Beschleunigung Rechtslauf [s-2]	V	-	yes	INT32	1	1747626666	2000	-	1	100	0	rw	yes	no	no
2E31h (0)	ps49	ps Verzögerung Rechtslauf [s-2]	V	-	yes	INT32	1	1747626666	2000	-	1	100	0	rw	yes	no	no
2E32h (0)	ps50	ps Beschleunigung Linkslauf [s-2]	V	-	yes	INT32	1	1747626666	2000	-	1	100	0	rw	yes	no	no
2E33h (0)	ps51	ps Verzögerung Linkslauf [s-2]	V	-	yes	INT32	1	1747626666	2000	-	1	100	0	rw	yes	no	no
2E34h (0)	ps52	ps Beschl. Rechtsl. Ruck unten [s-3]	V	-	yes	INT32	50	104857600	10000	-	1	100	0	rw	yes	no	no
2E35h (0)	ps53	ps Beschl. Rechtsl. Ruck oben [s-3]	V	-	yes	INT32	50	104857600	10000	-	1	100	0	rw	yes	no	no
2E36h (0)	ps54	ps Verzög. Rechtsl. Ruck oben [s-3]	V	-	yes	INT32	50	104857600	10000	-	1	100	0	rw	yes	no	no
2E37h (0)	ps55	ps Verzög. Rechtsl. Ruck unten [s-3]	V	-	yes	INT32	50	104857600	10000	-	1	100	0	rw	yes	no	no
2E38h (0)	ps56	ps Beschl. Linksl. Ruck unten [s-3]	V	-	yes	INT32	50	104857600	10000	-	1	100	0	rw	yes	no	no

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2E39h (0)	ps57	ps Beschl. Linksl. Ruck oben [s-3]	V	-	yes	INT32	50	104857600	10000	-	1	100	0	rw	yes	no	no
2E3Ah (0)	ps58	ps Beschl. Linksl. Ruck oben [s-3]	V	-	yes	INT32	50	104857600	10000	-	1	100	0	rw	yes	no	no
2E3Bh (0)	ps59	ps Verzög. Linksl. Ruck unten [s-3]	V	-	yes	INT32	50	104857600	10000	-	1	100	0	rw	yes	no	no
2E3Ch (0)	ps60	ps Rampenmodus	V	-	yes	UINT8	0	255	8	-	1	1	0	rw	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 module control word	V	-	no	UINT8	0	255	0	-	1	1	0	rw	yes	no	no
2F1Dh (0)	sb29	safety module status word	V	-	yes	UINT32	0	255	0	-	1	1	0	ro	yes	no	no
2F20h (0)	sb32	SACB communication ack	A	3	yes	UINT8	0	255	0	-	1	1	0	ro	yes	no	no
2F21h (0)	sb33	power unit SACB error ctr.	S	-	no	UINT8	2	2	2	-	1	1	0	ro	yes	no	no
2F21h (1)	sb33	power unit SACB CPU1 error ctr.	V	-	no	UINT16	0	0	0	-	1	1	0	rw	yes	no	no
2F21h (2)	sb33	power unit SACB CPU2 error ctr.	V	-	no	UINT16	0	0	0	-	1	1	0	rw	yes	no	no
2F22h (0)	sb34	safety module SACB error ctr.	A	3	no	UINT16	0	0	0	-	1	1	0	rw	yes	no	no
2F28h (0)	sb40	safety module 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
3001h (0)	ud01	Passwort	V	-	yes	INT16	0	9999	0	-	1	1	0	rw	no	yes	no
3002h (0)	ud02	Rezeptur Optionen	V	-	yes	UINT32	0	31	0	-	1	1	0	rw	yes	no	no
3003h (0)	ud03	Rezeptur Eingangsauswahl	V	-	yes	UINT16	0	16383	0	-	1	1	0	rw	yes	no	no
3004h (0)	ud04	Start Rezepturdownload	V	-	yes	UINT8	0	255	0	-	1	1	0	rw	yes	no	no
3007h (0)	ud07	Rezepturstatus	S	-	yes	UINT8	5	5	5	-	1	1	0	ro	yes	no	no
3007h (1)	ud07	Letzte erfolgreiche Rezeptur ID	V	-	yes	UINT8	0	255	0	-	1	1	0	rw	yes	no	no
3007h (2)	ud07	Downloadstatus	V	-	yes	UINT8	0	255	0	-	1	1	0	rw	yes	no	no
3007h (3)	ud07	Info Rezeptur ID	V	-	yes	UINT8	0	255	0	-	1	1	0	rw	yes	no	no
3007h (4)	ud07	Aktuelle Zeile	V	-	yes	UINT16	0	65535	0	-	1	1	0	rw	yes	no	no
3007h (5)	ud07	Fehlercode	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	Fehlerhistorie Auswahl Parameter 1	V	-	no	UINT32	0	16777215	8292	-	1	1	0	rw	no	yes	no
3012h (0)	ud18	Fehlerhistorie Auswahl Parameter 2	V	-	no	UINT32	0	16777215	11280	-	1	1	0	rw	no	yes	no
3013h (0)	ud19	Fehlerhistorie Auswahl Parameter 3	V	-	no	UINT32	0	16777215	11281	-	1	1	0	rw	no	yes	no
3014h (0)	ud20	Fehlerhistorie Auswahl Parameter 4	V	-	no	UINT32	0	16777215	76825	-	1	1	0	rw	no	yes	no

	IDtxt	Name	C	A	PD	Typ	Untergrenze	Obergrenze	Default	SI	Mult	Div	Offset	r/w	Cu	Sec	Sy
301Eh (0)	ud30	OL2 Stromgrenzen	S	-	yes	UINT8	5	5	5	-	1	1	0	ro	yes	no	no
301Eh (1)	ud30	OL2 Stromerhöhung	V	-	yes	UINT32	0	10000	0	A	1	100	0	ro	yes	no	no
301Eh (2)	ud30	Stromgrenze Derating	V	-	yes	UINT32	0	10000	0	A	1	100	0	ro	yes	no	no
301Eh (3)	ud30	Stromgrenze aktuelle Schaltfrequenz	V	-	yes	UINT32	0	10000	0	A	1	100	0	ro	yes	no	no
301Eh (4)	ud30	Stromgrenze minimale Schaltfrequenz	V	-	yes	UINT32	0	10000	0	A	1	100	0	ro	yes	no	no
301Eh (5)	ud30	OL2 Grenze für Regelung	V	-	yes	UINT32	0	10000	0	A	1	100	0	ro	yes	no	no
301Fh (0)	ud31	OL2 Diagnose	S	-	no	UINT8	3	3	3	-	1	1	0	ro	yes	no	no
3028h (0)	ud40	vl Geschwindigkeitsbegrenzung Optionen	V	-	no	UINT16	0	65535	0	-	1	1	0	rw	yes	no	no
3029h (0)	ud41	obere Drehzahlgrenze	S	-	no	UINT8	4	4	4	-	1	1	0	ro	yes	no	no
3029h (1)	ud41	MaximalDrehzahl mot / rechts	V	-	no	INT32	0	32000	2000	1/ min	1	1	0	rw	yes	no	no
3029h (2)	ud41	MaximalDrehzahl mot / links	V	-	no	INT32	0	32000	2000	1/ min	1	1	0	rw	yes	no	no
3029h (3)	ud41	MaximalDrehzahl gent / rechts	V	-	no	INT32	0	32000	2000	1/ min	1	1	0	rw	yes	no	no
3029h (4)	ud41	MaximalDrehzahl gen / links	V	-	no	INT32	0	32000	2000	1/ min	1	1	0	rw	yes	no	no
302Ah (0)	ud42	untere Drehzahlgrenze	S	-	no	UINT8	4	4	4	-	1	1	0	ro	yes	no	no
302Ah (1)	ud42	Untergrenze Absenkung mot / rechts	V	-	no	INT32	0	32000	1000	1/ min	1	1	0	rw	yes	no	no
302Ah (2)	ud42	Untergrenze Absenkung mot / links	V	-	no	INT32	0	32000	1000	1/ min	1	1	0	rw	yes	no	no
302Ah (3)	ud42	Untergrenze Absenkung gen / rechts	V	-	no	INT32	0	32000	1000	1/ min	1	1	0	rw	yes	no	no
302Ah (4)	ud42	Untergrenze Absenkung gen / links	V	-	no	INT32	0	32000	1000	1/ min	1	1	0	rw	yes	no	no
302Bh (0)	ud43	Mittelwertzeiten	S	-	no	UINT8	2	2	2	-	1	1	0	ro	yes	no	no
302Bh (1)	ud43	Auswertezeit	V	-	no	UINT16	0	8000	100	s	1	1000	0	rw	yes	no	no
302Bh (2)	ud43	Zeit zur Mittelwertbildung der dyn. Grenze	V	-	no	UINT16	0	8000	1000	s	1	1000	0	rw	yes	no	no
302Ch (0)	ud44	Maximale Leistung	S	-	no	UINT8	4	4	4	-	1	1	0	ro	yes	no	no
302Ch (1)	ud44	Maximale Leistung mot / rechts	V	-	no	UINT32	0	1000000	4000	kW	1	1000	0	rw	yes	no	no
302Ch (2)	ud44	Maximale Leistung mot / links	V	-	no	UINT32	0	1000000	4000	kW	1	1000	0	rw	yes	no	no
302Ch (3)	ud44	Maximale Leistung gen / rechts	V	-	no	UINT32	0	1000000	4000	kW	1	1000	0	rw	yes	no	no
302Ch (4)	ud44	Maximale Leistung gen / links	V	-	no	UINT32	0	1000000	4000	kW	1	1000	0	rw	yes	no	no
302Dh (0)	ud45	Leistungshysterese	V	-	no	INT16	1000	2000	1050	-	1	1000	0	rw	yes	no	no
302Eh (0)	ud46	PT1-Filterzeit Istmoment	V	-	no	UINT32	0	500000	20000	ms	1	1000	0	rw	yes	no	no
302Fh (0)	ud47	Drehzahlhysterese zw. Rampenein- und ausgang	V	-	no	INT32	0	262144000	40960	1/ min	1	8192	0	rw	yes	no	no
3030h (0)	ud48	Drehzahlpegel für kont. Berechnung	V	-	no	INT32	0	262144000	40960	1/ min	1	8192	0	rw	yes	no	no
3031h (0)	ud49	dynamische Geschwindigkeitsgrenze Statusanzeige	V	-	yes	INT16	0	17	0	-	1	1	0	ro	yes	no	no

	IDtxt	Name	C	A	PD	Typ	Untergrenze	Obergrenze	Default	SI	Mult	Div	Offset	r/w	Cu	Sec	Sy
3032h (0)	ud50	F5 Kompatiblitätsobjekte	S	-	yes	UINT8	13	13	13	-	1	1	0	ro	yes	no	no
3032h (1)	ud50	Optionscode	V	-	no	UINT16	0	255	0	-	1	1	0	rw	yes	no	no
3032h (2)	ud50	Customer Steuerwort 1	V	-	yes	UINT16	0	65535	0	-	1	1	0	rw	yes	no	no
3032h (3)	ud50	Customer Steuerwort 2	V	-	yes	UINT16	0	0	0	-	1	1	0	rw	yes	no	no
3032h (4)	ud50	Customer Statuswort 1	V	-	yes	UINT16	0	65535	0	-	1	1	0	ro	yes	no	no
3032h (5)	ud50	Customer Statuswort 2	V	-	yes	UINT16	0	65535	0	-	1	1	0	ro	yes	no	no
3032h (6)	ud50	prozentuale Solldrehzahl	V	-	yes	INT16	-16384	16384	0	%	100	16384	0	rw	yes	no	no
3032h (7)	ud50	Istdrehzahl	V	-	yes	INT16	-32768	32767	0	%	100	16384	0	ro	yes	no	no
3032h (8)	ud50	Istmoment	V	-	yes	INT16	-32767	32767	0	Nm	1	1	0	ro	yes	no	no
3032h (9)	ud50	Umrichtertemperatur	V	-	yes	INT16	-32767	32767	0	°C	1	1	0	ro	yes	no	no
3032h (10)	ud50	Motortemperatur	V	-	yes	INT16	-32767	32767	0	°C	1	1	0	ro	yes	no	no
3032h (11)	ud50	Fehlermeldung	V	-	yes	UINT16	0	200	0	-	1	1	0	ro	yes	no	no
3032h (12)	ud50	Relative Belastung	V	-	yes	UINT16	0	1000	0	%	1	1	0	ro	yes	no	no
3032h (13)	ud50	Referenzdrehzahl	V	-	yes	UINT16	10	65535	3000	1/ min	1	1	0	rw	yes	no	no
3100h (0)	hm00	Referenzlage Wert (CIA 607Ch)	V	-	yes	INT32	-2147483648	2147483647	0	-	1	1	0	rw	yes	no	no
3101h (0)	hm01	Homing Methode (CIA 6098h)	V	-	yes	INT8	1	37	37	-	1	1	0	rw	yes	no	no
3102h (0)	hm02	Drehzahl Referenzpunktsuche (CIA 6099h Sub1)	V	-	yes	UINT32	0	2147483647	800	1/ min	1	8	0	rw	yes	no	no
3103h (0)	hm03	Drehzahl Nullpunktsuche (CIA 6099h Sub2)	V	-	yes	UINT32	0	2147483647	400	1/ min	1	8	0	rw	yes	no	no
3104h (0)	hm04	Homing Beschleunigung [s-2] (CIA 609Ah)	V	-	yes	INT32	1	1747626666	2000	-	1	100	0	rw	yes	no	no
3105h (0)	hm05	Anzeige aktive Eingänge Homing	V	-	yes	UINT32	0	65535	0	-	1	1	0	ro	yes	no	no
3106h (0)	hm06	Quelle negativer Endschalter	V	-	yes	UINT16	0	65535	0	-	1	1	0	rw	yes	no	no
3107h (0)	hm07	Quelle positiver Endschalter	V	-	yes	UINT16	0	65535	0	-	1	1	0	rw	yes	no	no
3108h (0)	hm08	Quelle Referenzpunktschalter	V	-	yes	UINT16	0	65535	0	-	1	1	0	rw	yes	no	no
3109h (0)	hm09	Lageoffset	V	-	yes	INT32	-2147483648	2147483647	0	-	1	1	0	rw	yes	no	no
310Ah (0)	hm10	Abtastung Funktion (CIA 60B8h)	V	-	yes	UINT16	0	59	0	-	1	1	0	rw	yes	no	no
310Bh (0)	hm11	Abtastung Status (CIA 60B9h)	V	-	yes	UINT16	0	255	0	-	1	1	0	ro	yes	no	no
310Ch (0)	hm12	Abtastung 1 positive Flanke (CIA 60BAh)	V	-	yes	INT32	-2147483647	2147483647	0	-	1	1	0	ro	yes	no	no
310Dh (0)	hm13	Abtastung 1 negative Flanke (CIA 60BBh)	V	-	yes	INT32	-2147483647	2147483647	0	-	1	1	0	ro	yes	no	no
310Eh (0)	hm14	Homing Modus Aktivierung Quelle	V	-	yes	UINT16	0	16383	0	-	1	1	0	rw	yes	no	no
310Fh (0)	hm15	HW Endschalter ausgeschlossene Betriebsarten	V	-	yes	UINT16	0	32767	4	-	1	1	0	rw	yes	no	no
3110h (0)	hm16	SW Endschalter ausgeschlossene Betriebsarten	V	-	yes	UINT16	0	32767	4	-	1	1	0	rw	yes	no	no
3111h (0)	hm17	Handhabung Endschalter	V	-	yes	UINT8	0	255	8	-	1	1	0	rw	yes	no	no
3112h (0)	hm18	Drehzahl Endschalter lvl [%Nn]	V	-	yes	UINT16	0	2000	0	%	1	10	0	rw	yes	no	no
3113h (0)	hm19	Maximalgrenze Endschalter rechts überfahren	V	-	yes	UINT32	0	2147483647	0	-	1	1	0	rw	yes	no	no
3114h (0)	hm20	Maximalgrenze Endschalter links überfahren	V	-	yes	UINT32	0	2147483647	0	-	1	1	0	rw	yes	no	no
3115h (0)	hm21	Aktuellller Nullsignalabstand	V	-	yes	INT32	-2147483648	2147483647	0	-	1	1	0	ro	yes	no	no

	IDtxt	Name	C	A	PD	Typ	Untergrenze	Obergrenze	Default	SI	Mult	Div	Offset	r/w	Cu	Sec	Sy
3116h (0)	hm22	Offset zum Nullsignal	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
3200h (0)	di00	dig. input logic	V	-	yes	UINT16	0	4095	0	-	1	1	0	rw	yes	no	no
3201h (0)	di01	Digitale Eingänge Quellenauswahl	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	Digitaler Störfilter	V	-	yes	UINT16	0	4000	0	ms	1	2	0	rw	yes	no	no
320Ah (0)	di10	RUN Eingang	V	-	yes	UINT16	0	65535	0	-	1	1	0	rw	yes	no	no
320Bh (0)	di11	Reset Eingang	V	-	yes	UINT16	0	65535	0	-	1	1	0	rw	yes	no	no
320Ch (0)	di12	CA Eingang	V	-	yes	UINT16	0	65535	0	-	1	1	0	rw	yes	no	no
320Dh (0)	di13	CA Maske	V	-	yes	UINT16	0	65535	0	-	1	1	0	rw	yes	no	no
320Eh (0)	di14	CB Eingang	V	-	yes	UINT16	0	65535	0	-	1	1	0	rw	yes	no	no
320Fh (0)	di15	CB Maske	V	-	yes	UINT16	0	65535	0	-	1	1	0	rw	yes	no	no
3210h (0)	di16	Rechtslauf Eingang	V	-	yes	UINT16	0	65535	0	-	1	1	0	rw	yes	no	no
3211h (0)	di17	Linkslauf Eingang	V	-	yes	UINT16	0	65535	0	-	1	1	0	rw	yes	no	no
3212h (0)	di18	vl Solldrehzahl 0 Eingang	V	-	yes	UINT16	0	65535	0	-	1	1	0	rw	yes	no	no
3213h (0)	di19	Start Posi/Homing Eingang	V	-	yes	UINT16	0	65535	0	-	1	1	0	rw	yes	no	no
3214h (0)	di20	Invertierung Eingang	V	-	yes	UINT16	0	65535	0	-	1	1	0	rw	yes	no	no
3215h (0)	di21	index Eingang	V	-	yes	UINT16	0	65535	0	-	1	1	0	rw	yes	no	no
3216h (0)	di22	Index Störfilter	V	-	yes	UINT16	0	4000	0	ms	1	2	0	rw	yes	no	no
3217h (0)	di23	Halt Eingang	V	-	yes	UINT16	0	65535	0	-	1	1	0	rw	yes	no	no
3218h (0)	di24	Strobe Eingang	V	-	yes	UINT16	0	65535	0	-	1	1	0	rw	yes	no	no
3219h (0)	di25	Index strobabhängig	V	-	yes	UINT16	0	2	0	-	1	1	0	rw	yes	no	no
321Ch (0)	di28	Konfiguration Controlword Eingänge	S	-	no	UINT8	2	2	2	-	1	1	0	ro	yes	no	no
321Ch (1)	di28	CW Eingang 1	V	-	no	UINT16	0	31	0	-	1	1	0	rw	yes	no	no
321Ch (2)	di28	CW Eingang 2	V	-	no	UINT16	0	31	0	-	1	1	0	rw	yes	no	no
321Dh (0)	di29	Steuerwort Digitaleingänge	V	-	yes	UINT16	0	65535	0	-	1	1	0	ro	yes	no	no
321Eh (0)	di30	Eingang I1 Funktion	S	-	yes	UINT8	2	2	2	-	1	1	0	ro	yes	no	no
321Eh (1)	di30	I1 Funktion 0..31	V	-	yes	UINT32	0	-1	0	-	1	1	0	ro	yes	no	no
321Eh (2)	di30	I1 Funktion 32..63	V	-	yes	UINT32	0	-1	0	-	1	1	0	ro	yes	no	no
321Fh (0)	di31	Eingang I2 Funktion	S	-	yes	UINT8	2	2	2	-	1	1	0	ro	yes	no	no
321Fh (1)	di31	I2 Funktion 0..31	V	-	yes	UINT32	0	-1	0	-	1	1	0	ro	yes	no	no
321Fh (2)	di31	I2 Funktion 32..63	V	-	yes	UINT32	0	-1	0	-	1	1	0	ro	yes	no	no
3220h (0)	di32	Eingang I3 Funktion	S	-	yes	UINT8	2	2	2	-	1	1	0	ro	yes	no	no
3220h (1)	di32	I3 Funktion 0..31	V	-	yes	UINT32	0	-1	0	-	1	1	0	ro	yes	no	no
3220h (2)	di32	I3 Funktion 32..63	V	-	yes	UINT32	0	-1	0	-	1	1	0	ro	yes	no	no
3221h (0)	di33	Eingang I4 Funktion	S	-	yes	UINT8	2	2	2	-	1	1	0	ro	yes	no	no
3221h (1)	di33	I4 Funktion 0..31	V	-	yes	UINT32	0	-1	0	-	1	1	0	ro	yes	no	no
3221h (2)	di33	I4 Funktion 32..63	V	-	yes	UINT32	0	-1	0	-	1	1	0	ro	yes	no	no

	IDtxt	Name	C	A	PD	Typ	Untergrenze	Obergrenze	Default	SI	Mult	Div	Offset	r/w	Cu	Sec	Sy
3222h (0)	di34	Eingang I5 Funktion	S	-	yes	UINT8	2	2	2	-	1	1	0	ro	yes	no	no
3222h (1)	di34	I5 Funktion 0..31	V	-	yes	UINT32	0	-1	0	-	1	1	0	ro	yes	no	no
3222h (2)	di34	I5 Funktion 32..63	V	-	yes	UINT32	0	-1	0	-	1	1	0	ro	yes	no	no
3223h (0)	di35	Eingang I6 Funktion	S	-	yes	UINT8	2	2	2	-	1	1	0	ro	yes	no	no
3223h (1)	di35	I6 Funktion 0..31	V	-	yes	UINT32	0	-1	0	-	1	1	0	ro	yes	no	no
3223h (2)	di35	I6 Funktion 32..63	V	-	yes	UINT32	0	-1	0	-	1	1	0	ro	yes	no	no
3224h (0)	di36	Eingang I7 Funktion	S	-	yes	UINT8	2	2	2	-	1	1	0	ro	yes	no	no
3224h (1)	di36	I7 Funktion 0..31	V	-	yes	UINT32	0	-1	0	-	1	1	0	ro	yes	no	no
3224h (2)	di36	I7 Funktion 32..63	V	-	yes	UINT32	0	-1	0	-	1	1	0	ro	yes	no	no
3225h (0)	di37	Eingang I8 Funktion	S	-	yes	UINT8	2	2	2	-	1	1	0	ro	yes	no	no
3225h (1)	di37	I8 Funktion 0..31	V	-	yes	UINT32	0	-1	0	-	1	1	0	ro	yes	no	no
3225h (2)	di37	I8 Funktion 32..63	V	-	yes	UINT32	0	-1	0	-	1	1	0	ro	yes	no	no
3226h (0)	di38	Eingang IA Funktion	S	-	yes	UINT8	2	2	2	-	1	1	0	ro	yes	no	no
3226h (1)	di38	IA Funktion 0..31	V	-	yes	UINT32	0	-1	0	-	1	1	0	ro	yes	no	no
3226h (2)	di38	IA Funktion 32..63	V	-	yes	UINT32	0	-1	0	-	1	1	0	ro	yes	no	no
3227h (0)	di39	Eingang IB Funktion	S	-	yes	UINT8	2	2	2	-	1	1	0	ro	yes	no	no
3227h (1)	di39	IB Funktion 0..31	V	-	yes	UINT32	0	-1	0	-	1	1	0	ro	yes	no	no
3227h (2)	di39	IB Funktion 32..63	V	-	yes	UINT32	0	-1	0	-	1	1	0	ro	yes	no	no
3228h (0)	di40	Eingang IC Funktion	S	-	yes	UINT8	2	2	2	-	1	1	0	ro	yes	no	no
3228h (1)	di40	IC Funktion 0..31	V	-	yes	UINT32	0	-1	0	-	1	1	0	ro	yes	no	no
3228h (2)	di40	IC Funktion 32..63	V	-	yes	UINT32	0	-1	0	-	1	1	0	ro	yes	no	no
3229h (0)	di41	Eingang ID Funktion	S	-	yes	UINT8	2	2	2	-	1	1	0	ro	yes	no	no
3229h (1)	di41	ID Funktion 0..31	V	-	yes	UINT32	0	-1	0	-	1	1	0	ro	yes	no	no
3229h (2)	di41	ID Funktion 32..63	V	-	yes	UINT32	0	-1	0	-	1	1	0	ro	yes	no	no
322Ah (0)	di42	Eingang STO1 Funktion	S	-	yes	UINT8	2	2	2	-	1	1	0	ro	yes	no	no
322Ah (1)	di42	STO1 Funktion 0..31	V	-	yes	UINT32	0	-1	0	-	1	1	0	ro	yes	no	no
322Ah (2)	di42	STO1 Funktion 32..63	V	-	yes	UINT32	0	-1	0	-	1	1	0	ro	yes	no	no
322Bh (0)	di43	Eingang STO2 Funktion	S	-	yes	UINT8	2	2	2	-	1	1	0	ro	yes	no	no
322Bh (1)	di43	STO2 Funktion 0..31	V	-	yes	UINT32	0	-1	0	-	1	1	0	ro	yes	no	no
322Bh (2)	di43	STO2 Funktion 32..63	V	-	yes	UINT32	0	-1	0	-	1	1	0	ro	yes	no	no
322Ch (0)	di44	Eingang CW 1 Funktion	S	-	yes	UINT8	2	2	2	-	1	1	0	ro	yes	no	no
322Ch (1)	di44	CW 1 Funktion 0..31	V	-	yes	UINT32	0	-1	0	-	1	1	0	ro	yes	no	no
322Ch (2)	di44	CW 1 Funktion 32..63	V	-	yes	UINT32	0	-1	0	-	1	1	0	ro	yes	no	no
322Dh (0)	di45	Eingang CW 2 Funktion	S	-	yes	UINT8	2	2	2	-	1	1	0	ro	yes	no	no
322Dh (1)	di45	CW 2 Funktion 0..31	V	-	yes	UINT32	0	-1	0	-	1	1	0	ro	yes	no	no
322Dh (2)	di45	CW 2 Funktion 32..63	V	-	yes	UINT32	0	-1	0	-	1	1	0	ro	yes	no	no
3300h (0)	an00	AN1 Interfaceauswahl	V	-	yes	UINT8	0	2	0	-	1	1	0	rw	yes	no	no
3301h (0)	an01	AN1 Mittelwertfilter	V	-	yes	UINT8	0	15	4	ms	1	4	0	rw	yes	no	no

	IDtxt	Name	C	A	PD	Typ	Untergrenze	Obergrenze	Default	SI	Mult	Div	Offset	r/w	Cu	Sec	Sy
3302h (0)	an02	AN1 PT1 Filter	V	-	yes	UINT16	0	65535	1000	ms	1	1000	0	rw	yes	no	no
3304h (0)	an04	AN1 Nullpunkthysterese	V	-	yes	UINT16	0	1000	82	%	100	4096	0	rw	yes	no	no
3305h (0)	an05	AN1 Verstärkung	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. Grenze	V	-	yes	INT16	-16384	16384	-16384	%	100	4096	0	rw	yes	no	no
3309h (0)	an09	AN1 pos. Grenze	V	-	yes	INT16	-16384	16384	16384	%	100	4096	0	rw	yes	no	no
330Ah (0)	an10	AN2 Interfaceauswahl	V	-	yes	UINT8	0	2	0	-	1	1	0	rw	yes	no	no
330Bh (0)	an11	AN2 Mittelwertfilter	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 Nullpunkthysterese	V	-	yes	UINT16	0	1000	82	%	100	4096	0	rw	yes	no	no
330Fh (0)	an15	AN2 Verstärkung	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. Grenze	V	-	yes	INT16	-16384	16384	-16384	%	100	4096	0	rw	yes	no	no
3313h (0)	an19	AN2 pos. Grenze	V	-	yes	INT16	-16384	16384	16384	%	100	4096	0	rw	yes	no	no
331Eh (0)	an30	REF und AUX Funktion	V	-	yes	UINT16	0	65535	0	-	1	1	0	rw	yes	no	no
331Fh (0)	an31	REF Auswahl	V	-	no	UINT32	0	16777215	0	-	1	1	0	rw	yes	no	no
3320h (0)	an32	REF Normierungsfaktor	V	-	yes	INT32	-2147483647	2147483647	0	-	1	10000	0	rw	yes	no	no
3321h (0)	an33	REF Normierungsstatus	V	-	yes	UINT8	0	255	0	-	1	1	0	ro	yes	no	no
3322h (0)	an34	AUX Auswahl	V	-	no	UINT32	0	16777215	0	-	1	1	0	rw	yes	no	no
3323h (0)	an35	AUX Normierungsfaktor	V	-	yes	INT32	-2147483647	2147483647	0	-	1	10000	0	rw	yes	no	no
3324h (0)	an36	AUX Normierungsstatus	V	-	yes	UINT8	0	255	0	-	1	1	0	ro	yes	no	no
3325h (0)	an37	ANOUT1 Funktion	V	-	no	UINT8	0	18	0	-	1	1	0	rw	yes	no	no
3326h (0)	an38	ANOUT1 Wert	V	-	yes	UINT16	0	1000	0	%	1	10	0	rw	yes	no	no
3327h (0)	an39	ANOUT1 Verstärkung	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 Auswahl	V	-	no	UINT32	0	16777215	0	-	1	1	0	rw	yes	no	no
332Bh (0)	an43	ANOUT2 Normierungsfaktor	V	-	yes	INT32	-2147483647	2147483647	0	-	1	100000000	0	rw	yes	no	no
332Ch (0)	an44	ANOUT2 Anzeige	V	-	yes	INT32	-2147483648	2147483647	0	-	1	1	0	ro	yes	no	no
332Dh (0)	an45	ANOUT3 Auswahl	V	-	no	UINT32	0	16777215	0	-	1	1	0	rw	yes	no	no
332Eh (0)	an46	ANOUT3 Normierungsfaktor	V	-	yes	INT32	-2147483647	2147483647	0	-	1	100000000	0	rw	yes	no	no
332Fh (0)	an47	ANOUT3 Anzeige	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

	IDtxt	Name	C	A	PD	Typ	Untergrenze	Obergrenze	Default	SI	Mult	Div	Offset	r/w	Cu	Sec	Sy
333Fh (0)	an63	PID positive Grenze	V	-	yes	INT16	0	16384	4096	%	100	4096	0	rw	yes	no	no
3340h (0)	an64	PID negative Grenze	V	-	yes	INT16	-16384	0	-4096	%	100	4096	0	rw	yes	no	no
3341h (0)	an65	PID Sollwert Offset	V	-	yes	INT16	-16384	16384	0	%	100	4096	0	rw	yes	no	no
3342h (0)	an66	PID Sollwertquelle	V	-	yes	UINT8	0	5	0	%	1	1	0	rw	yes	no	no
3343h (0)	an67	PID Istwert Vorgabe	V	-	yes	INT16	-16384	16384	0	%	100	4096	0	rw	yes	no	no
3344h (0)	an68	PID Istwertquelle	V	-	yes	UINT8	0	12	0	%	1	1	0	rw	yes	no	no
3345h (0)	an69	PID Rücksetzbedingung	V	-	yes	UINT32	0	268435455	262111	-	1	1	0	rw	yes	no	no
3346h (0)	an70	PID I-Anteil rücksetzen Eingang	V	-	yes	UINT16	0	65535	0	-	1	1	0	rw	yes	no	no
3347h (0)	an71	PID Abschaltung Eingang	V	-	yes	UINT16	0	65535	0	-	1	1	0	rw	yes	no	no
3348h (0)	an72	PID Initialisierungswert	V	-	yes	INT16	-16384	16384	0	%	100	4096	0	rw	yes	no	no
3349h (0)	an73	PID Ausblendung Eingang	V	-	yes	UINT16	0	65535	0	-	1	1	0	rw	yes	no	no
334Ah (0)	an74	PID Ausblendzeit	V	-	yes	INT32	0	2147483647	0	s	1	1000	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 Rotorlageerkennung	V	-	yes	UINT16	0	511	107	-	1	1	0	rw	yes	no	no
3602h (0)	dd02	Rotorlageerkennung Strom	V	-	yes	UINT16	1	3999	1000	%	1	10	0	rw	yes	no	no
3603h (0)	dd03	CVV Strom Rampenzeit	V	-	yes	UINT16	0	16000	500	ms	1	1	0	rw	yes	no	no
3604h (0)	dd04	CVV Wartezeit	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	Rotorlageerkennung Pegel (einfach)	V	-	yes	UINT16	1	500	50	%	1	10	0	rw	yes	no	no
3608h (0)	dd08	Rotorlageerkennung Infowert (einfach)	V	-	yes	UINT16	0	1000	0	%	1	10	0	ro	yes	no	no
3609h (0)	dd09	Rotorlageerkennung Pegel (erweitert)	V	-	yes	UINT16	1	500	200	%	1	10	0	rw	yes	no	no
360Ah (0)	dd10	Rotorlageerkennung Infowert (erweitert)	V	-	yes	UINT16	0	1000	0	%	1	10	0	ro	yes	no	no
3610h (0)	dd16	Drehzahlsuche Modus	V	-	no	UINT16	0	5	0	-	1	1	0	rw	yes	no	no
3612h (0)	dd18	Drehzahlsuche Strom[In]	V	-	no	UINT16	0	1999	500	%	1	10	0	rw	yes	no	no
3615h (0)	dd21	HF Injektion Modus	V	-	no	UINT16	0	1	0	-	1	1	0	rw	yes	no	no
3616h (0)	dd22	HF Injektion Frequenz	V	-	no	UINT16	5	20	10	kHz	1	10	0	rw	yes	no	no
3617h (0)	dd23	HF Injektion Optimierungsfaktor	V	-	no	UINT16	19	100	20	-	1	10	0	rw	yes	no	no
3618h (0)	dd24	HF Injektion Amplitudenfaktor	V	-	no	UINT16	250	1999	1000	%	1	10	0	rw	yes	no	no
3619h (0)	dd25	HF Injektion Reduzierungsfaktor Drehzahlregler	V	-	no	UINT16	100	1000	1000	%	1	10	0	rw	yes	no	no
361Ah (0)	dd26	HF Injektion PT1 Filterzeit	V	-	no	INT16	-1	7	-1	-	1	1	0	rw	yes	no	no
361Bh (0)	dd27	HF Injektion Winkelvoreilung unter Last	V	-	no	UINT16	0	1	0	-	1	1	0	rw	yes	no	no
361Ch (0)	dd28	HF Injektion Winkelvoreilung Faktor [°@InMot]	V	-	no	INT16	-1800	1800	0	-	1	10	0	rw	yes	no	no
361Dh (0)	dd29	HF Injektion PT1-Zeit Drehzahlnachführung	V	-	no	UINT32	0	64000	0	ms	1	1000	0	rw	yes	no	no
361Eh (0)	dd30	HF Injektion Fehlwinkel durch Stromaufl.[°]	V	-	yes	INT16	-32768	32767	0	-	1	100	0	ro	yes	no	no
3700h (0)	fc00	Maximalspannungsregler Modus	V	-	no	UINT16	0	18	1	-	1	1	0	rw	yes	no	no
3701h (0)	fc01	KP Umax [%In/%U]	V	-	no	UINT32	0	10000000	0	-	1	1000	0	rw	yes	no	no
3702h (0)	fc02	KI Umax [%In/%U s]	V	-	no	UINT32	0	24000000	200000	-	1	1000	0	rw	yes	no	no
3703h (0)	fc03	Umax Sollwert	V	-	no	UINT16	0	1100	970	%	1	10	0	rw	yes	no	no

	IDtxt	Name	C	A	PD	Typ	Untergrenze	Obergrenze	Default	SI	Mult	Div	Offset	r/w	Cu	Sec	Sy
3704h (0)	fc04	max. Modulationgrad	V	-	yes	UINT16	0	1100	1000	%	1	10	0	rw	yes	no	no
3705h (0)	fc05	Umax Reglergrenze	V	-	no	UINT16	0	4000	1000	%	1	10	0	rw	yes	no	no
3710h (0)	fc16	ASM Flussmodus	V	-	no	UINT16	0	31	7	-	1	1	0	rw	yes	no	no
3711h (0)	fc17	ASM min. Fluss	V	-	no	UINT16	0	1000	950	%	1	10	0	rw	yes	no	no
3712h (0)	fc18	ASM KP Fluss [A/A]	V	-	no	UINT32	0	2147483647	0	-	1	1000	0	rw	yes	no	no
3713h (0)	fc19	ASM Tn Fluss	V	-	no	UINT32	0	2147483647	0	ms	1	1000	0	rw	yes	no	no
3714h (0)	fc20	ASM Fluss Reglergrenze	V	-	no	UINT16	0	1000	1000	%	1	10	0	rw	yes	no	no
3720h (0)	fc32	Minimalstrom (SM)	S	-	no	UINT8	3	3	3	-	1	1	0	ro	yes	no	no
3720h (1)	fc32	Minimalstrom Mode	V	-	no	UINT16	0	2	0	-	1	1	0	rw	yes	no	no
3720h (2)	fc32	Minimalstrom [%de80[1]]	V	-	no	UINT16	0	10000	30	%	1	10	0	rw	yes	no	no
3720h (3)	fc32	Rampenzeit	V	-	no	UINT16	0	60000	100	ms	1	1	0	rw	yes	no	no
3800h (0)	mo00	Sättigung Modus	V	-	no	UINT16	0	2047	0	-	1	1	0	rw	yes	no	no
3801h (0)	mo01	Sättigungskoeffizienten	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	Sättigungskoeffizienten (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

	IDtxt	Name	C	A	PD	Typ	Untergrenze	Obergrenze	Default	SI	Mult	Div	Offset	r/w	Cu	Sec	Sy
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	fülle Tabelle Auswahl (mo04..mo10)	V	-	no	UINT16	0	1	0	-	1	1	0	rw	yes	no	no
3804h (0)	mo04	Isq opt. Array (Iq=f(M))	A	16	no	UINT32	0	2139095039	0	A	1	1	0	rw	yes	no	no
3805h (0)	mo05	Isd opt. Array (Id=f(M))	A	16	no	INT32	-8388609	2139095039	0	A	1	1	0	rw	yes	no	no
3806h (0)	mo06	MLim Array (M=f(Imax))	A	16	no	UINT32	0	2139095039	0	Nm	1	1	0	rw	yes	no	no
3808h (0)	mo08	IqLim Array (I=f(IdRef))	A	16	no	UINT32	0	2139095039	0	A	1	1	0	rw	yes	no	no
3809h (0)	mo09	Stromtabelle x-axis [A]	V	-	no	UINT32	0	2139095039	0	A	1	1	0	rw	yes	no	no
380Ah (0)	mo10	Rastmomenttabelle x-axis [Nm]	V	-	no	UINT32	0	2139095039	0	Nm	1	1	0	rw	yes	no	no
3810h (0)	mo16	Rastmoment Modus	V	-	yes	UINT8	0	1	0	-	1	1	0	rw	yes	no	no
3811h (0)	mo17	Rastmoment Frequenzfaktor	A	4	yes	INT8	0	127	0	-	1	1	0	rw	yes	no	no
3812h (0)	mo18	Rastmoment Amplitude [%Mn]	A	4	yes	INT16	0	1024	0	%	100	1024	0	rw	yes	no	no
3813h (0)	mo19	Rastmoment Phase [°]	A	4	yes	INT16	-32768	32767	0	-	100	18204	0	rw	yes	no	no
3814h (0)	mo20	Rastmoment Drehzahlausblendbereich 100% [rpm]	V	-	yes	INT32	0	819200000	819200	1/ min	1	8192	0	rw	yes	no	no
3815h (0)	mo21	Rastmoment Drehzahlausblendbereich 0% [rpm]	V	-	yes	INT32	0	819200000	8192000	1/ min	1	8192	0	rw	yes	no	no
3816h (0)	mo22	Rastmoment PT1-Zeit	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	aktueller Momentenoffset	V	-	yes	INT32	-2147483648	2147483647	0	Nm	1	1000	0	ro	yes	no	no
3822h (0)	mo34	Aktivierung Momentenkorrektur	V	-	yes	UINT8	0	1	0	-	1	1	0	rw	yes	no	no
3823h (0)	mo35	Aktivierung Momentenoffset Ident.	V	-	yes	UINT8	0	1	0	-	1	1	0	rw	yes	no	no
3824h (0)	mo36	Momentenoffset Ident Status	V	-	yes	UINT8	0	4	0	-	1	1	0	ro	yes	no	no
3825h (0)	mo37	Momentenoffset Ident Fehleranzeige	V	-	yes	UINT8	0	6	0	-	1	1	0	ro	yes	no	no
3826h (0)	mo38	Konfiguration Momentenoffset Identifikation	S	-	yes	UINT8	9	9	9	-	1	1	0	ro	yes	no	no
3826h (1)	mo38	Identifikation Start Drehzahl	V	-	yes	UINT16	1	3000	50	%	1	10	0	rw	yes	no	no
3826h (2)	mo38	Identifikation End-Drehzahl	V	-	yes	UINT16	1	3000	1300	%	1	10	0	rw	yes	no	no
3826h (3)	mo38	Auswahl Drehmoment	V	-	yes	UINT8	0	1	1	-	1	1	0	rw	yes	no	no
3826h (4)	mo38	Auswahl Drehzahl	V	-	yes	UINT8	0	1	0	-	1	1	0	rw	yes	no	no
3826h (5)	mo38	Maximale Abweichung Moment	V	-	yes	UINT8	1	100	30	%	1	10	0	rw	yes	no	no
3826h (6)	mo38	Maximale Abweichung Drehzahl	V	-	yes	UINT8	1	100	30	%	1	10	0	rw	yes	no	no
3826h (7)	mo38	Anzahl Messwerte	V	-	yes	UINT16	10	1000	1000	-	1	1	0	rw	yes	no	no
3826h (8)	mo38	Zeit Drehzahl Stabilisierung	V	-	yes	UINT16	10	1000	30	ms	1	1	0	rw	yes	no	no
3826h (9)	mo38	Maximalzeit Drehzahlstabilisierung	V	-	yes	UINT16	100	5000	500	ms	1	1	0	rw	yes	no	no
3827h (0)	mo39	Korrekturkennlinie 0 Kennwerte	S	-	yes	UINT8	4	4	4	-	1	1	0	ro	yes	no	no
3827h (1)	mo39	Kennlinie 0 Status	V	-	yes	UINT8	0	1	0	%	1	1	0	rw	yes	no	no
3827h (2)	mo39	Kennlinie 0 Startdrehzahl	V	-	yes	INT32	1	1048576000	581703	1/ min	1	8192	0	rw	yes	no	no

	IDtxt	Name	C	A	PD	Typ	Untergrenze	Obergrenze	Default	SI	Mult	Div	Offset	r/w	Cu	Sec	Sy
3827h (3)	mo39	Kennlinie 0 Drehzahldifferenz	V	-	yes	INT32	1	1048576000	969387	1/min	1	8192	0	rw	yes	no	no
3827h (4)	mo39	Kennlinie 0 Regelmodus	V	-	yes	UINT8	1	3	3	-	1	1	0	rw	yes	no	no
3828h (0)	mo40	Korrekturkennlinie 1 Kennwerte	S	-	yes	UINT8	4	4	4	-	1	1	0	ro	yes	no	no
3828h (1)	mo40	Kennlinie 1 Status	V	-	yes	UINT8	0	1	0	%	1	1	0	rw	yes	no	no
3828h (2)	mo40	Kennlinie 1 Startdrehzahl	V	-	yes	INT32	1	1048576000	581703	1/min	1	8192	0	rw	yes	no	no
3828h (3)	mo40	Kennlinie 1 Drehzahldifferenz	V	-	yes	INT32	1	1048576000	969387	1/min	1	8192	0	rw	yes	no	no
3828h (4)	mo40	Kennlinie 1 Regelmodus	V	-	yes	UINT8	1	3	3	-	1	1	0	rw	yes	no	no
3829h (0)	mo41	Korrekturkennlinie 2 Kennwerte	S	-	yes	UINT8	4	4	4	-	1	1	0	ro	yes	no	no
3829h (1)	mo41	Kennlinie 2 Status	V	-	yes	UINT8	0	1	0	%	1	1	0	rw	yes	no	no
3829h (2)	mo41	Kennlinie 2 Startdrehzahl	V	-	yes	INT32	1	1048576000	581703	1/min	1	8192	0	rw	yes	no	no
3829h (3)	mo41	Kennlinie 2 Drehzahldifferenz	V	-	yes	INT32	1	1048576000	969387	1/min	1	8192	0	rw	yes	no	no
3829h (4)	mo41	Kennlinie 2 Regelmodus	V	-	yes	UINT8	1	3	3	-	1	1	0	rw	yes	no	no
382Ah (0)	mo42	Korrekturkennlinie 3 Kennwerte	S	-	yes	UINT8	4	4	4	-	1	1	0	ro	yes	no	no
382Ah (1)	mo42	Kennlinie 3 Status	V	-	yes	UINT8	0	1	0	%	1	1	0	rw	yes	no	no
382Ah (2)	mo42	Kennlinie 3 Startdrehzahl	V	-	yes	INT32	1	1048576000	581703	1/min	1	8192	0	rw	yes	no	no
382Ah (3)	mo42	Kennlinie 3 Drehzahldifferenz	V	-	yes	INT32	1	1048576000	969387	1/min	1	8192	0	rw	yes	no	no
382Ah (4)	mo42	Kennlinie 3 Regelmodus	V	-	yes	UINT8	1	3	3	-	1	1	0	rw	yes	no	no
382Bh (0)	mo43	Momentenoffset Kennlinie 0	A	16	yes	INT32	-8388609	2139095039	0	Nm	1	1	0	rw	yes	no	no
382Ch (0)	mo44	Momentenoffset Kennlinie 1	A	16	yes	INT32	-8388609	2139095039	0	Nm	1	1	0	rw	yes	no	no
382Dh (0)	mo45	Momentenoffset Kennlinie 2	A	16	yes	INT32	-8388609	2139095039	0	Nm	1	1	0	rw	yes	no	no
382Eh (0)	mo46	Momentenoffset Kennlinie 3	A	16	yes	INT32	-8388609	2139095039	0	Nm	1	1	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
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

	IDtxt	Name	C	A	PD	Typ	Untergrenze	Obergrenze	Default	SI	Mult	Div	Offset	r/w	Cu	Sec	Sy
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
3A06h (0)	ai06	Isd ref.	V	-	yes	INT32	-8388609	2139095039	0	A	1	1	0	rw	yes	no	no
3A07h (0)	ai07	Isq 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 I 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 - Totzeitmodus	V	-	yes	UINT8	0	1	0	-	1	1	0	rw	yes	no	no
3B17h (0)	cm23	Motorpoti positive Untergrenze	V	-	yes	UINT16	0	10000	0	%	1	100	0	rw	yes	no	no
3B18h (0)	cm24	Motorpoti positive Obergrenze	V	-	yes	UINT16	0	10000	10000	%	1	100	0	rw	yes	no	no
3B19h (0)	cm25	Motorpoti negative Untergrenze	V	-	yes	UINT16	0	10000	0	%	1	100	0	rw	yes	no	no
3B1Ah (0)	cm26	Motorpoti negative Obergrenze	V	-	yes	UINT16	0	10000	10000	%	1	100	0	rw	yes	no	no
3B1Bh (0)	cm27	Motorpoti Referenzdrehzahl	V	-	yes	UINT32	0	128000	1000	1/ min	1	1	0	rw	yes	no	no
3B1Ch (0)	cm28	Motorpoti Reset Wert	V	-	yes	INT16	-10000	10000	0	%	1	100	0	rw	yes	no	no
3B1Dh (0)	cm29	Motorpoti Rampe Erhöhung	V	-	yes	UINT16	0	65535	10	-	1	100	0	rw	yes	no	no
3B1Eh (0)	cm30	Motorpoti Rampe Verringerung	V	-	yes	UINT16	0	65535	10	-	1	100	0	rw	yes	no	no
3B1Fh (0)	cm31	Motorpoti inkrementieren Eingang	V	-	yes	UINT16	0	65535	0	-	1	1	0	rw	yes	no	no
3B20h (0)	cm32	Motorpoti dekrementieren Eingang	V	-	yes	UINT16	0	65535	0	-	1	1	0	rw	yes	no	no
3B21h (0)	cm33	Motorpoti Reset Eingang	V	-	yes	UINT16	0	65535	0	-	1	1	0	rw	yes	no	no
3B22h (0)	cm34	Jog Mode Aktivierung Eingang	V	-	yes	UINT16	0	65535	0	-	1	1	0	rw	yes	no	no

	IDtxt	Name	C	A	PD	Typ	Untergrenze	Obergrenze	Default	SI	Mult	Div	Offset	r/w	Cu	Sec	Sy
3B23h (0)	cm35	Jog Mode Rechtslauf Eingang	V	-	yes	UINT16	0	65535	0	-	1	1	0	rw	yes	no	no
3B24h (0)	cm36	Jog Mode Linkslauf Eingang	V	-	yes	UINT16	0	65535	0	-	1	1	0	rw	yes	no	no
3B25h (0)	cm37	Jog Mode Aktivierung Drehzahl 2 Eingang	V	-	yes	UINT16	0	65535	0	-	1	1	0	rw	yes	no	no
3B26h (0)	cm38	Jog Mode Schrittweitenbegrenzung Aktivierung Eingang	V	-	yes	UINT16	0	65535	0	-	1	1	0	rw	yes	no	no
3B29h (0)	cm41	Jog Mode Drehzahl 1 Rechtslauf	V	-	yes	UINT32	0	128000	0	1/min	1	1	0	rw	yes	no	no
3B2Ah (0)	cm42	Jog Mode Drehzahl 1 Linkslauf	V	-	yes	UINT32	0	128000	0	1/min	1	1	0	rw	yes	no	no
3B2Bh (0)	cm43	Jog Mode Drehzahl 2 Rechtslauf	V	-	yes	UINT32	0	128000	0	1/min	1	1	0	rw	yes	no	no
3B2Ch (0)	cm44	Jog Mode Drehzahl 2 Linkslauf	V	-	yes	UINT32	0	128000	0	1/min	1	1	0	rw	yes	no	no
3B2Dh (0)	cm45	Jog Mode maximale Schrittweite	V	-	yes	UINT32	0	2147483647	0	-	1	1	0	rw	yes	no	no
3B2Eh (0)	cm46	Jog Mode Optionen	V	-	no	UINT16	0	63	0	-	1	1	0	rw	yes	no	no
3B30h (0)	cm48	Jog Mode Beschl. Rechtsl. [s-2]	V	-	yes	INT32	1	1747626666	2000	-	1	100	0	rw	yes	no	no
3B31h (0)	cm49	Jog Mode Verz. Rechtsl. [s-2]	V	-	yes	INT32	1	1747626666	2000	-	1	100	0	rw	yes	no	no
3B32h (0)	cm50	Jog Mode Rechts. Linksl. [s-2]	V	-	yes	INT32	1	1747626666	2000	-	1	100	0	rw	yes	no	no
3B33h (0)	cm51	Jog Mode Verz. Linksl. [s-2]	V	-	yes	INT32	1	1747626666	2000	-	1	100	0	rw	yes	no	no
3B34h (0)	cm52	Jog Mode Beschl. Rechtsl. Ruck unten [s-3]	V	-	yes	INT32	50	104857600	10000	-	1	100	0	rw	yes	no	no
3B35h (0)	cm53	Jog Mode Beschl. Rechtsl. Ruck oben [s-3]	V	-	yes	INT32	50	104857600	10000	-	1	100	0	rw	yes	no	no
3B36h (0)	cm54	Jog Mode Verzög. Rechtsl. Ruck oben [s-3]	V	-	yes	INT32	50	104857600	10000	-	1	100	0	rw	yes	no	no
3B37h (0)	cm55	Jog Mode Verzög. Rechtsl. Ruck unten[s-3]	V	-	yes	INT32	50	104857600	10000	-	1	100	0	rw	yes	no	no
3B38h (0)	cm56	Jog Mode Beschl. Linksl. Ruck unten [s-3]	V	-	yes	INT32	50	104857600	10000	-	1	100	0	rw	yes	no	no
3B39h (0)	cm57	Jog Mode Beschl. Linksl. Ruck oben [s-3]	V	-	yes	INT32	50	104857600	10000	-	1	100	0	rw	yes	no	no
3B3Ah (0)	cm58	Jog Mode Verzög. Linksl. Ruck oben [s-3]	V	-	yes	INT32	50	104857600	10000	-	1	100	0	rw	yes	no	no
3B3Bh (0)	cm59	Jog Mode Verzög. Linksl. Ruck unten[s-3]	V	-	yes	INT32	50	104857600	10000	-	1	100	0	rw	yes	no	no
3B3Ch (0)	cm60	Jog Mode Rampenmodus	V	-	yes	UINT8	0	255	8	-	1	1	0	rw	yes	no	no
3B3Dh (0)	cm61	Jog Mode Status	V	-	yes	UINT16	0	65535	0	-	1	1	0	ro	yes	no	no
3B3Eh (0)	cm62	Motorpoti Ausgangswert	V	-	yes	INT16	0	10000	0	%	1	100	0	ro	yes	no	no
3C05h (0)	sm05	Sicherheitsmodul 5	S	-	no	UINT8	18	18	18	-	1	1	0	ro	yes	no	no
3C05h (1)	sm05	aktivierte Sicherheitsfunktion	V	-	no	UINT32	0	-1	0	-	1	1	0	ro	yes	no	no
3C05h (2)	sm05	Bus-Sicherheitsfunktionsstatus	V	-	no	UINT32	0	65536	0	-	1	1	0	ro	yes	no	no
3C05h (3)	sm05	allg. Sicherheitsstatus	V	-	no	UINT32	0	65539	0	-	1	1	0	ro	yes	no	no
3C05h (4)	sm05	Fehlerstatus	V	-	no	UINT32	0	-1	0	-	1	1	0	ro	yes	no	no
3C05h (5)	sm05	letzter Fehler / Warnhinweis	V	-	no	UINT32	0	-1	0	-	1	1	0	ro	yes	no	no
3C05h (6)	sm05	Busfehler	V	-	no	UINT32	0	-1	0	-	1	1	0	ro	yes	no	no
3C05h (7)	sm05	I/O-Status	V	-	no	UINT32	0	0	0	-	1	1	0	ro	yes	no	no
3C05h (8)	sm05	Istdrehzahl (mit/ohne Geber)	V	-	no	INT32	-99999999	536870911	0	1/min	1	8192	0	ro	yes	no	no

	IDtxt	Name	C	A	PD	Typ	Untergrenze	Obergrenze	Default	SI	Mult	Div	Offset	r/w	Cu	Sec	Sy
3C05h (9)	sm05	Istlage (mit/ohne Geber) (volle Umdrehungen)	V	-	no	INT32	-2147483647	2147483647	0	-	1	1	0	ro	yes	no	no
3C05h (10)	sm05	IST-Lagewert (Teilumdrehungen)	V	-	no	UINT32	0	-1	0	-	1	1	0	ro	yes	no	no
3C05h (11)	sm05	Datum und Uhrzeit des Sicherheitsmoduls	V	-	no	UINT32	0	-1	0	s	1	1	0	rw	yes	no	no
3C05h (12)	sm05	LED vom Sicherheitsmodul blinkend	V	-	no	UINT8	0	1	0	-	1	1	0	rw	yes	no	no
3C05h (13)	sm05	sicherer Feldbustyp	V	-	no	UINT8	0	1	0	-	1	1	0	ro	yes	no	no
3C05h (14)	sm05	sicherer Feldbus Datenlänge	V	-	no	UINT8	0	40	0	-	1	1	0	ro	yes	no	no
3C05h (15)	sm05	elektrischer Stromwert in Prozent (0.001% Auflösung)	V	-	no	UINT16	0	1000	0	-	1	1000	0	ro	yes	no	no
3C05h (16)	sm05	berechnete Istdrehzahl aus Stromwerten	V	-	no	INT32	-2147483647	2147483647	0	1/ min	1	8192	0	ro	yes	no	no
3C05h (17)	sm05	berechnete Istlage aus Stromwerten (volle Umdrehungen)	V	-	no	INT32	-2147483647	2147483647	0	-	1	1	0	ro	yes	no	no
3C05h (18)	sm05	berechnete Istlage aus Stromwerten (Teilumdrehungen)	V	-	no	UINT32	0	-1	0	-	1	1	0	ro	yes	no	no
3C0Ah (0)	sm10	Geräteverhalten bei "fail safe"	V	-	yes	UINT8	0	8	7	-	1	1	0	rw	yes	no	no
3C0Bh (0)	sm11	Geräteverhalten bei "STO"	V	-	yes	UINT8	0	8	7	-	1	1	0	rw	yes	no	no
3C0Ch (0)	sm12	opt. Geräteverhalten bei "STO" oder "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 Auslesestatus	V	-	yes	INT8	-1	2	0	-	1	1	0	ro	yes	no	no
3C14h (0)	sm20	Logeintrag 0	S	-	yes	UINT8	6	6	6	-	1	1	0	ro	yes	no	no
3C14h (1)	sm20	Datum und Uhrzeit	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	Drehzahl	V	-	yes	INT32	-99999999	536870911	0	1/ min	1	8192	0	ro	yes	no	no
3C14h (4)	sm20	Zeitschlitz pro 62,5 us	V	-	yes	UINT16	0	65535	0	-	1	1	0	ro	yes	no	no
3C14h (5)	sm20	Details "(bus) safety function request"	V	-	yes	UINT32	0	0	0	-	1	1	0	ro	yes	no	no
3C14h (6)	sm20	Details "error"	V	-	yes	UINT32	0	0	0	-	1	1	0	ro	yes	no	no
3C15h (0)	sm21	Logeintrag 1	S	-	yes	UINT8	6	6	6	-	1	1	0	ro	yes	no	no
3C15h (1)	sm21	Datum und Uhrzeit	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	Drehzahl	V	-	yes	INT32	-99999999	536870911	0	1/ min	1	8192	0	ro	yes	no	no
3C15h (4)	sm21	Zeitschlitz pro 62,5 us	V	-	yes	UINT16	0	65535	0	-	1	1	0	ro	yes	no	no
3C15h (5)	sm21	Details "(bus) safety function request"	V	-	yes	UINT32	0	0	0	-	1	1	0	ro	yes	no	no
3C15h (6)	sm21	Details "error"	V	-	yes	UINT32	0	0	0	-	1	1	0	ro	yes	no	no
3C16h (0)	sm22	Logeintrag 2	S	-	yes	UINT8	6	6	6	-	1	1	0	ro	yes	no	no
3C16h (1)	sm22	Datum und Uhrzeit	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	Drehzahl	V	-	yes	INT32	-99999999	536870911	0	1/ min	1	8192	0	ro	yes	no	no
3C16h (4)	sm22	Zeitschlitz pro 62,5 us	V	-	yes	UINT16	0	65535	0	-	1	1	0	ro	yes	no	no

	IDtxt	Name	C	A	PD	Typ	Untergrenze	Obergrenze	Default	SI	Mult	Div	Offset	r/w	Cu	Sec	Sy
3C16h (5)	sm22	Details "(bus) safety function request"	V	-	yes	UINT32	0	0	0	-	1	1	0	ro	yes	no	no
3C16h (6)	sm22	Details "error"	V	-	yes	UINT32	0	0	0	-	1	1	0	ro	yes	no	no
3C17h (0)	sm23	Logeintrag 3	S	-	yes	UINT8	6	6	6	-	1	1	0	ro	yes	no	no
3C17h (1)	sm23	Datum und Uhrzeit	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	Drehzahl	V	-	yes	INT32	-99999999	536870911	0	1/ min	1	8192	0	ro	yes	no	no
3C17h (4)	sm23	Zeitschlitz pro 62,5 us	V	-	yes	UINT16	0	65535	0	-	1	1	0	ro	yes	no	no
3C17h (5)	sm23	Details "(bus) safety function request"	V	-	yes	UINT32	0	0	0	-	1	1	0	ro	yes	no	no
3C17h (6)	sm23	Details "error"	V	-	yes	UINT32	0	0	0	-	1	1	0	ro	yes	no	no
3C18h (0)	sm24	Logeintrag 4	S	-	yes	UINT8	6	6	6	-	1	1	0	ro	yes	no	no
3C18h (1)	sm24	Datum und Uhrzeit	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	Drehzahl	V	-	yes	INT32	-99999999	536870911	0	1/ min	1	8192	0	ro	yes	no	no
3C18h (4)	sm24	Zeitschlitz pro 62,5 us	V	-	yes	UINT16	0	65535	0	-	1	1	0	ro	yes	no	no
3C18h (5)	sm24	Details "(bus) safety function request"	V	-	yes	UINT32	0	0	0	-	1	1	0	ro	yes	no	no
3C18h (6)	sm24	Details "error"	V	-	yes	UINT32	0	0	0	-	1	1	0	ro	yes	no	no
3C19h (0)	sm25	Logeintrag 5	S	-	yes	UINT8	6	6	6	-	1	1	0	ro	yes	no	no
3C19h (1)	sm25	Datum und Uhrzeit	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	Drehzahl	V	-	yes	INT32	-99999999	536870911	0	1/ min	1	8192	0	ro	yes	no	no
3C19h (4)	sm25	Zeitschlitz pro 62,5 us	V	-	yes	UINT16	0	65535	0	-	1	1	0	ro	yes	no	no
3C19h (5)	sm25	Details "(bus) safety function request"	V	-	yes	UINT32	0	0	0	-	1	1	0	ro	yes	no	no
3C19h (6)	sm25	Details "error"	V	-	yes	UINT32	0	0	0	-	1	1	0	ro	yes	no	no
3C1Ah (0)	sm26	Logeintrag 6	S	-	yes	UINT8	6	6	6	-	1	1	0	ro	yes	no	no
3C1Ah (1)	sm26	Datum und Uhrzeit	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	Drehzahl	V	-	yes	INT32	-99999999	536870911	0	1/ min	1	8192	0	ro	yes	no	no
3C1Ah (4)	sm26	Zeitschlitz pro 62,5 us	V	-	yes	UINT16	0	65535	0	-	1	1	0	ro	yes	no	no
3C1Ah (5)	sm26	Details "(bus) safety function request"	V	-	yes	UINT32	0	0	0	-	1	1	0	ro	yes	no	no
3C1Ah (6)	sm26	Details "error"	V	-	yes	UINT32	0	0	0	-	1	1	0	ro	yes	no	no
3C1Bh (0)	sm27	Logeintrag 7	S	-	yes	UINT8	6	6	6	-	1	1	0	ro	yes	no	no
3C1Bh (1)	sm27	Datum und Uhrzeit	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	Drehzahl	V	-	yes	INT32	-99999999	536870911	0	1/ min	1	8192	0	ro	yes	no	no
3C1Bh (4)	sm27	Zeitschlitz pro 62,5 us	V	-	yes	UINT16	0	65535	0	-	1	1	0	ro	yes	no	no

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3C1Bh (5)	sm27	Details "(bus) safety function request"	V	-	yes	UINT32	0	0	0	-	1	1	0	ro	yes	no	no
3C1Bh (6)	sm27	Details "error"	V	-	yes	UINT32	0	0	0	-	1	1	0	ro	yes	no	no
3C1Ch (0)	sm28	Logeintrag 8	S	-	yes	UINT8	6	6	6	-	1	1	0	ro	yes	no	no
3C1Ch (1)	sm28	Datum und Uhrzeit	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	Drehzahl	V	-	yes	INT32	-99999999	536870911	0	1/ min	1	8192	0	ro	yes	no	no
3C1Ch (4)	sm28	Zeitschlitz pro 62,5 us	V	-	yes	UINT16	0	65535	0	-	1	1	0	ro	yes	no	no
3C1Ch (5)	sm28	Details "(bus) safety function request"	V	-	yes	UINT32	0	0	0	-	1	1	0	ro	yes	no	no
3C1Ch (6)	sm28	Details "error"	V	-	yes	UINT32	0	0	0	-	1	1	0	ro	yes	no	no
3C1Dh (0)	sm29	Logeintrag 9	S	-	yes	UINT8	6	6	6	-	1	1	0	ro	yes	no	no
3C1Dh (1)	sm29	Datum und Uhrzeit	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	Drehzahl	V	-	yes	INT32	-99999999	536870911	0	1/ min	1	8192	0	ro	yes	no	no
3C1Dh (4)	sm29	Zeitschlitz pro 62,5 us	V	-	yes	UINT16	0	65535	0	-	1	1	0	ro	yes	no	no
3C1Dh (5)	sm29	Details "(bus) safety function request"	V	-	yes	UINT32	0	0	0	-	1	1	0	ro	yes	no	no
3C1Dh (6)	sm29	Details "error"	V	-	yes	UINT32	0	0	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
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

	IDtxt	Name	C	A	PD	Typ	Untergrenze	Obergrenze	Default	SI	Mult	Div	Offset	r/w	Cu	Sec	Sy
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
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
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 lenght	V	-	no	UINT8	0	19	0	-	1	1	0	ro	yes	no	no

	IDtxt	Name	C	A	PD	Typ	Untergrenze	Obergrenze	Default	SI	Mult	Div	Offset	r/w	Cu	Sec	Sy
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
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

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Automation **mit Drive**

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