

File Name:SM200.20B_4.2kw_FU5.5kw_1m_pro_s.FNC

Data Type:Function Data

Inv Model:FRN5.5LM1S-4E

FNo.	Function code Name	Set value	Factory Setting
C21	Speed Command Unit	0	0

FNo.	Function code Name	Set value	Factory Setting
*P01	Motor (No. of poles)	20	4

FNo.	Function code Name	Set value	Factory Setting
*F03	Maximum Speed	159.0	300.0

FNo.	Function code Name	Set value	Factory Setting
L31	Elevator Parameter (Speed)	60.00	60.00

FNo.	Function code Name	Set value	Factory Setting
F00	Data Protection	0	0
F01	Speed Command	0	0
*F04	Rated Speed	168.0	300.0
*F05	Rated Voltage at Base Speed	360	380
*F07	Acceleration / Deceleration Time 1	1.43	1.80
*F08	Acceleration / Deceleration Time 2	1.43	1.80
F09	Torque boost	0.0	0.0
F10	Electronic Thermal Overload Protection for Motor (Select mo	2	2
F11	Electronic Thermal Overload Protection for Motor (Overload	13.50	13.50
F12	Electronic Thermal Overload Protection for Motor (Thermal t	5.0	5.0
F20	DC Braking(Starting Speed)	0.00	0.00
F21	DC Braking(Braking Level)	0	0
F22	DC Braking(Braking Time)	0.00	0.00
F23	Starting Speed	0.00	0.00
F24	Starting Speed (Holding time)	0.50	0.50
*F25	Stop Speed	0.20	0.60
*F26	Motor Sound (Carrier frequency)	16	15
F30	Reserved for Particular Manufacturers	0	0
*F42	Control Mode	1	0
F44	Current Limiter (level)	999	999

FNo.	Function code Name	Set value	Factory Setting
E01	Command Assignment to [X1]	0	0
E02	Command Assignment to [X2]	1	1
E03	Command Assignment to [X3]	2	2
E04	Command Assignment to [X4]	8	8
E05	Command Assignment to [X5]	60	60
E06	Command Assignment to [X6]	61	61
E07	Command Assignment to [X7]	62	62
E08	Command Assignment to [X8]	63	63
*E10	Acceleration / Deceleration Time 3	1.43	1.80
*E11	Acceleration / Deceleration Time 4	1.43	1.80
*E12	Acceleration / Deceleration Time 5	1.43	1.80

FNo.	Function code Name	Set value	Factory Setting
*E13	Acceleration / Deceleration Time 6	1.43	1.80
*E14	Acceleration / Deceleration Time 7	1.43	1.80
*E15	Acceleration / Deceleration Time 8	1.43	1.80
*E16	Acceleration / Deceleration Time 9	1.43	1.80
*E17	Acceleration / Deceleration Time 10	1.43	1.80
E18	Run Command/Multistep Speed Command Assignment Timer (Mode)	2	2
E19	Run Command/Multistep Speed Command Assignment Timer (Time)	0.005	0.005
*E20	Signal Assignment to [Y1]	56	12
E21	Signal Assignment to [Y2]	78	78
E22	Signal Assignment to [Y3]	2	2
E23	Signal Assignment to [Y4]	57	57
E24	Signal Assignment to [Y5A/C]	57	57
*E27	Signal Assignment to [30A/B/C]	1099	99
*E30	Speed arrival (Hysteresis)	0.60	3.00
*E31	Speed Detection (FDT) (Detection level)	60.00	300.0
*E32	Speed Detection (FDT) (Hysteresis)	0.60	3.00
E34	Current Detection 1 (Level 1)	13.50	13.50
E35	Current Detection 1 (Time)	10.00	10.00
E37	Current Detection 2 (Level 2)	13.50	13.50
E39	RRD detection Level	0	0
E43	LED Monitor (Item selection)	0	0
E45	LCD Monitor (Item selection)	0	0
E46	LCD Monitor (Language selection)	1	1
*E47	LCD Monitor (Contrast control)	6	5
E48	LED Monitor (Speed monitor item)	0	0
*E61	Analog Input for [I2]	1	0
E62	Analog Input for [C1]	0	0
E63	Analog Input for [V2]	0	0
*E98	Command Assignment to [FWD]	99	98
*E99	Command Assignment to [REV]	98	99

FNo.	Function code Name	Set value	Factory Setting
C01	Battery Operation Torque limit level	999	999
C02	Battery Operation Torque limit time	0.0	0.0
*C03	Battery Operation speed	2.00	10.00
C04	Zero Speed	0.00	0.00
*C05	Manual Speed (Middle)	4.80	0.00
*C06	Maintenance Speed	19.20	100.0
*C07	Creep Speed	5.60	15.00
*C08	Manual Speed (Low)	32.00	0.00
*C09	Low Speed	136.0	0.00
*C10	Middle Speed	159.0	0.00
*C11	High Speed	159.0	300.0
*C20	Jogging Operation Speed	10.00	30.00
*C31	Analog Input Adjustment for [I2] (Offset)	0.1	0.0
C32	Analog Input Adjustment for [I2] (Gain)	100.00	100.00
C33	Analog Input Adjustment for [I2] (Filter time constant)	0.050	0.050
C36	Analog Input Adjustment for [C1] (Offset)	0.0	0.0
C37	Analog Input Adjustment for [C1] (Gain)	100.00	100.00
C38	Analog Input Adjustment for [C1] (Filter time constant)	0.050	0.050
C41	Analog Input Adjustment for [V2] (Offset)	0.0	0.0
C42	Analog Input Adjustment for [V2] (Gain)	100.00	100.00
C43	Analog Input Adjustment for [V2] (Filter time constant)	0.050	0.050

FNo.	Function code Name	Set value	Factory Setting
*P02	Motor (Rated capacity)	4.20	5.50
*P03	Motor (Rated current)	10.80	13.50
*P06	Motor (No-load current)	0.00	8.40
P07	Motor (%R1)	4.05	4.05
P08	Motor (%X)	11.72	11.72
P09	Motor (Slip comp. driving gain)	100.0	100.0
P10	Motor (Slip comp. braking gain)	100.0	100.0
*P11	Motor (Slip comp. response time)	0.20	1.00
P12	Motor (Rated slip)	0.00	0.00

FNo.	Function code Name	Set value	Factory Setting
H03	Data Initialization	0	0
*H04	Auto-resetting (Times)	5	0
*H05	Auto-resetting (Reset interval)	10.0	5.0
*H06	Cooling Fan Control	0.0	999
H18	Torque control	0	0
*H26	PTC Thermistor (Mode)	2	0
H27	PTC Thermistor (Level)	1.60	1.60
H30	Communication Link Operation	0	0
*H42	Capacitance of DC Link Bus Capacitor	3907	0
H43	Cumulative Run Time of Cooling Fan	0	0
*H47	Initial Capacitance of DC Link Bus Capacitor	3907	65535
*H48	Cumulative Run Time of Capacitors on Printed Circuit Board	11	0
H54	Acceleration Time (Jogging)	1.80	1.80
H55	Deceleration Time (Jogging)	1.80	1.80
H56	Deceleration Time for Forced to decelerate	1.20	1.20
H57	S-curve setting 11	20	20
H58	S-curve setting 12	20	20
H59	S-curve setting 13	20	20
H60	S-curve setting 14	20	20
H64	Zero speed holding time	0.00	0.00
H65	Start Speed (Soft start time)	0.0	0.0
H66	Stop Speed (Detection method)	0	0
H67	Stop Speed (Holding time)	0.50	0.50
*H74	Speed Agreement (Hysteresis)	0.40	2.00
H75	Speed Agreement (OFF delay Timer)	0.20	0.20
H76	PG Error Detection for Mode 3 (Detection level)	10	10
H77	PG Error Detection for Mode 3 (Detection time)	0.5	0.5
H80	Exciting current damping gain	0.20	0.20
*H94	Cumulative Run Time of Motor	2	0
H97	Clear Alarm Data	0	0
H98	Protection/Maintenance Function	81	81
H99	Password Protection	0	0

FNo.	Function code Name	Set value	Factory Setting
y01	RS485 Communication (Station address)	1	1
y02	RS485 Communication (Communication error processing)	0	0
y03	RS485 Communication (Error processing timer)	2.0	2.0
y04	RS485 Communication (Baud rate)	3	3
y05	RS485 Communication (Data length)	0	0
y06	RS485 Communication (Parity check)	0	0
y07	RS485 Communication (Stop bits)	0	0
y08	RS485 Communication (No-response error detection time)	0	0
y09	RS485 Communication (Response latency time)	0.01	0.01
*y10	RS485 Communication (Protocol selection)	1	5

FNo.	Function code Name	Set value	Factory Setting
y41	Reserved for Particular Manufacturers	0	0
y99	Loader Link Function (Mode)	0	0
FNo.	Function code Name	Set value	Factory Setting
*L01	Pulse Encoder (Selection)	5	0
*L02	Pulse Encoder (Resolution)	2048	1024
*L04	Magnetic Pole Position Offset (Offset angle)	350.00	0.00
*L05	Reserved for Particular Manufacturers	4.5	1.5
L06	Reserved for Particular Manufacturers	0.80	0.80
L08	Divide frequency ratio	0	0
L09	Filter Time Constant for Reference Speed (Final)	0.000	0.000
L10	Filter Time Constant for Detected Speed	0.005	0.005
L11	Zero Speed Multistep Speed Command Combination	0	0
L12	Manual Speed (Middle) Multistep Speed Command Combination	1	1
L13	Maintenance Speed Multistep Speed Command Combination	2	2
L14	Creep Speed Multistep Speed Command Combination	3	3
L15	Manual Speed (Low) Multistep Speed Command Combination	4	4
L16	Low Speed Multistep Speed Command Combination	5	5
L17	Middle Speed Multistep Speed Command Combination	6	6
L18	High Speed Multistep Speed Command Combination	7	7
*L19	S-curve setting 1	30	20
*L20	S-curve setting 2	30	20
*L21	S-curve setting 3	30	20
*L22	S-curve setting 4	30	20
*L23	S-curve setting 5	30	20
*L24	S-curve setting 6	30	20
*L25	S-curve setting 7	30	20
*L26	S-curve setting 8	30	20
*L27	S-curve setting 9	30	20
*L28	S-curve setting 10	30	20
L29	Short Floor Operation (Holding Time)	0.00	0.00
L30	Short Floor Operation (Allowble speed)	0.00	0.00
L32	Elevator Parameter (Over speed level)	120	120
L34	Elevator Parameter (Distance of creepless movement)	0.0	0.0
*L36	ASR (P constant at high speed)	1.50	10.00
L37	ASR (I constant at high speed)	0.100	0.100
*L38	ASR (P constant at low speed)	1.50	10.00
L39	ASR (I constant at low speed)	0.100	0.100
*L40	ASR (Switching speed 1)	6.00	30.00
*L41	ASR (Switching speed 2)	12.00	60.00
L42	ASR (Feed forward gain)	0.000	0.000
L43	Reserved for Particular Manufacturers	10	10
L44	Reserved for Particular Manufacturers	0	0
L45	Reserved for Particular Manufacturers	10	10
L46	Reserved for Particular Manufacturers	0	0
L47	Reserved for Particular Manufacturers	10	10
L48	Reserved for Particular Manufacturers	0	0
L49	Vibration Suppression Observer (Gain)	0.00	0.00
L50	Vibration Suppression Observer (Integration time)	0.100	0.100
L51	Vibration Suppression Observer (Load Inertia)	0.01	0.01
L52	Start Control Mode	0	0
L54	Torque Bias (Mode)	0	0
L55	Torque Bias (Startup timer)	0.20	0.20
L56	Torque Bias (Reference torque end time)	0.20	0.20
L57	Torque Bias (Limiter)	100	100
L58	Torque Bias (P constant)	1.00	1.00

FNo.	Function code Name	Set value	Factory Setting
L59	Torque Bias (Integral time)	1.00	1.00
L60	Torque Bias (Driving side gain)	100.0	100.0
L61	Torque Bias (Braking side gain)	100.0	100.0
L62	Torque Bias (Digital 1)	0	0
L63	Torque Bias (Digital 2)	0	0
L64	Torque Bias (Digital 3)	0	0
*L65	Unbalanced Load Compensation (Operation)	1	0
*L66	Unbalanced Load Compensation (Activation time)	1.00	0.50
*L67	Unbalanced Load Compensation (Holding time)	0.70	0.50
*L68	Unbalanced Load Compensation (ASR P constant)	2.50	10.00
*L69	Unbalanced Load Compensation (ASR I constant)	0.003	0.010
L73	Unbalanced Load Compensation(APR Gain)	0.00	0.00
L74	Unbalanced Load Compensation(APR D Gain)	0.0	0.0
L75	Unbalanced Load Compensation(Filter Time Constant for Detec	0.0	0.0
L80	Brake Control (Mode)	1	1
L81	Brake Control (Operation level)	100	100
L82	Brake Control (ON delay time)	0.20	0.20
L83	Brake Control (OFF delay time)	0.10	0.10
L84	Brake Control (Brake check time)	0.00	0.00
L85	MC Control (Delay timer for operation)	0.10	0.10
L86	MC Control (Delay timer for MC OFF)	0.10	0.10
*L87	Door Control (Operation speed)	18.00	90.00
L88	Door Control (Delay timer)	1.0	1.0
L89	Door Control (Time for opening door)	5.0	5.0
L90	PG Error Detection (Mode)	1	1
L91	PG Error Detection (Detection level)	10	10
L92	PG Error Detection (Detection time)	1.0	1.0
L93	Overheat and Overload Early Warning Level	5	5
L95	Reserved for Particular Manufacturers	999	999
L96	Reserved for Particular Manufacturers	30	30
L97	Reserved for Particular Manufacturers	20.00	20.00
L98	Protection Function 2	0	0
L99	Control SW	0	0

FNo.	Function code Name	Set value	Factory Setting
S01	Reference speed (Pre-ramp) (p.u.)	0	0
S03	Reference torque current	0.00	0.00
S06	Operation command	0x0	0x0
S07	Universal DO	0x0	0x0
S14	Alarm reset command	0	0
S15	Reference torque bias	0.00	0.00
S16	Acceleration rate	0	0
S17	Reference speed (Final) limit (p.u.)	0	0

FNo.	Function code Name	Set value	Factory Setting
M01	Reference speed (Pre-ramp) (p.u.)	0	0
M02	Reference torque	0.00	0.00
M03	Reference torque current(Final)	0.00	0.00
M06	Reference speed (Final) (p.u.)	0	0
M07	Torque calculation value	0.00	0.00
M08	Torque current	0.00	0.00
M09	Reference speed (unit: Hz)	0.00	0.00
*M10	Input power	0.48	0.00
M11	Output current	0.00	0.00
M12	Output voltage	0.0	0.0

FNo.	Function code Name	Set value	Factory Setting
M13	Operation command (Final command)	0x0	0x0
*M14	Operation status	0x28	0x0
*M15	General-purpose output terminal information	0x2	0x0
*M16	Last alarm contents	37	0
*M17	2nd last alarm contents	37	0
*M18	3rd last alarm contents	20	0
*M19	4th last alarm contents	37	0
*M20	Cumulative operation time	81	0
*M21	DC link circuit voltage	557	0
*M23	Model code	0xE344	0xE334
M24	Inverter Capacity	5.50	5.50
*M25	ROM version	1221	0
M26	Contents of RS485 communications error	0	0
M27	Reference speed(Pre-ramp) on alarm (p.u.)	0	0
M28	Reference torque on alarm	0.00	0.00
M29	Reference torque current on alarm	0.00	0.00
M31	Reference speed (Pre-ramp) on alarm (unit: Hz)	0.00	0.00
M32	Reference speed (Final) on alarm (p.u.)	0	0
M33	Torque calculation value on alarm	0.00	0.00
M34	Torque current value on alarm	0.00	0.00
M35	Reference speed (Final) on alarm (unit: Hz)	0.00	0.00
*M36	Input power on alarm	0.48	0.00
M37	Output current on alarm	0.00	0.00
M38	Output voltage on alarm	0.0	0.0
M39	Operation command (Final command) on alarm	0x0	0x0
*M40	Operation status on alarm	0x8028	0x0
*M41	General-purpose output terminal information on alarm	0x1	0x0
*M42	Cumulative operation time on alarm	8	0
*M43	DC link circuit voltage on alarm	360	0
*M44	Inverter internal air temperature on alarm	32	0
*M45	Heat sink temperature on alarm	20	0
*M46	Initial Capacitance of DC Link Bus Capacitor	100.0	0.0
*M47	Cumulative Run Time of Capacitors on the Printed Circuit Bo	11	0
M48	Cumulative Run Time of Cooling Fan	0	0
M49	Terminal [12] input voltage (p.u.)	0	0
*M50	Terminal [C1] input current (p.u.)	-56	0
*M54	Terminal [V2] input voltage (p.u.)	148	0
M59	Monitor of electronic thermal overload protection for motor	0	0
*M60	IGBT junction presumption temperature	37	0
*M61	Inverter internal air temperature	46	0
*M62	Heat sink temperature	37	0
*M69	Inverter rated current	13.50	0.00
M70	Operation status 2	0x0	0x0
M71	Operation command (Command source)	0x0	0x0
M74	Reference torque bias (Final)	0.00	0.00

FNo.	Function code Name	Set value	Factory Setting
*W01	Operation status	0x28	0x0
W02	Reference speed (Pre-ramp) (unit: Hz)	0.00	0.00
W03	Reference speed (Final) (unit: Hz)	0.00	0.00
W04	Primary frequency	0.00	0.00
W05	Output current	0.00	0.00
W06	Output voltage	0.0	0.0
W07	Torque calculation value	0	0
W08	Detected speed (unit: r/min)	0.00	0.00
W10	Detected speed (unit: m/min)	0.00	0.00

FNo.	Function code Name	Set value	Factory Setting
W16	Reference speed (Pre-ramp) (unit: r/min)	0.00	0.00
W18	Reference speed (Pre-ramp) (unit: m/min)	0.00	0.00
*W21	Input power	0.02	0.00
W24	Reference torque bias (Final)	0	0
*W28	Operation command source	1	0
*W29	Reference speed source	24	0
W30	Reference speed (Final) (unit: %)	0.00	0.00
W31	Reference speed (Pre-ramp) (unit: %)	0.00	0.00
W34	Reference speed (Final)	0.00	0.00
W35	Reference speed (Pre-ramp)	0.00	0.00
W40	Control circuit terminal (input)	0x0	0x0
*W41	Control circuit terminal (output)	0x102	0x0
W42	Communications control signal (input)	0x0	0x0
*W43	Communications control signal (output)	0x2	0x0
W44	Terminal [12] input voltage	0.0	0.0
W45	Terminal [C1] input current	0.0	0.0
W49	Terminal [V2] input voltage	0.0	0.0
W55	Detected speed (p.u.)	0	0
W56	Output current(Instantaneous value)	0.00	0.00
W57	Torque current(Instantaneous value)	0.00	0.00
W58	Pulse encoder frequency high resolution (Z phase)	0.00	0.00
W59	Pulse encoder frequency (A/B phase)	0	0
W60	Pulse encoder frequency (Z phase)	0	0
W61	Reference torque	0	0
W62	Torque bias balance adjustment (Offset)	0.0	0.0
W63	Torque bias gain adjustment	0.0	0.0
W64	Reference torque current(Final)	0	0
*W66	Electric angle (Final)	57	0
W67	Electric angle	0	0
*W68	Mechanical angle	3941	0
W69	Detected magnetic pole position	0	0
*W70	Cumulative operation time	81	0
*W71	DC link circuit voltage	557	0
*W72	Internal air maximum temperature	46	0
*W73	Heat sink maximum temperature	45	0
*W74	Maximum effective current value	16.10	0.00
*W75	Initial Capacitance of DC Link Bus Capacitor	100.0	0.0
*W76	Cumulative Run Time of Capacitors on the Printed Circuit Bo	11	0
W77	Cumulative Run Time of Cooling Fan	0	0
*W78	Number of startups	632	0
*W79	Cumulative operation time of motor	2	0
*W80	Standard fan life	40000	0
*W81	Integral power consumption	0.032	0.000
W83	Number of RS485 communications errors	0	0
W84	Contents of RS485 communications error	0	0
*W87	ROM version of inverter	1221	0
*W89	ROM version of keypad	5900	0
W90	ROM version of option card	0	0
FNo.	Function code Name	Set value	Factory Setting
*X00	Alarm history (last)	0x25	0x0
X01	Multiple alarm 1 (last)	0x0	0x0
X02	Multiple alarm 2 (last)	0x0	0x0
*X03	Alarm sub code (last)	11	0
*X05	Alarm history (2nd last)	0x25	0x0
X06	Multiple alarm 1 (2nd last)	0x0	0x0

FNo.	Function code Name	Set value	Factory Setting
X07	Multiple alarm 2 (2nd last)	0x0	0x0
*X08	Alarm sub code (2nd last)	24	0
*X10	Alarm history (3rd last)	0x14	0x0
X11	Multiple alarm 1 (3rd last)	0x0	0x0
X12	Multiple alarm 2 (3rd last)	0x0	0x0
*X13	Alarm sub code (3rd last)	1	0
*X15	Alarm history (4th last)	0x225	0x0
X16	Multiple alarm 1 (4th last)	0x0	0x0
X17	Multiple alarm 2 (4th last)	0x0	0x0
*X18	Alarm sub code (4th last)	7	0
X20	Information on last alarm (Reference speed (Final) (unit: H	0.00	0.00
X21	Information on last alarm (Output current)	0.00	0.00
X22	Information on last alarm (Output voltage)	0	0
X23	Information on last alarm (Torque calculation value)	0	0
X24	Information on last alarm (Reference speed (Pre-ramp) (unit	0.00	0.00
*X25	Information on last alarm (Operation status)	0x8028	0x0
*X26	Information on last alarm (Cumulative operation time)	8	0
*X27	Information on last alarm (Number of startups)	55	0
*X28	Information on last alarm (DC link circuit voltage)	360	0
*X29	Information on last alarm (Inverter internal air temperatur	32	0
*X30	Information on last alarm (Heat sink temperature)	20	0
X31	Information on last alarm (Control circuit terminal (input)	0x0	0x0
*X32	Information on last alarm (Control circuit terminal (output	0x101	0x0
X33	Information on last alarm (Communications control signal (i	0x0	0x0
*X34	Information on last alarm (Communications control signal (o	0x1	0x0
*X35	Information on last alarm (Input power)	0.02	0.00
X36	Information on last alarm (Reference torque)	0	0
X37	Information on last alarm (Reference torque current (Final)	0	0
X60	Information on 2nd last alarm (Reference speed (Final) (uni	0.00	0.00
*X61	Information on 2nd last alarm (Output current)	0.03	0.00
*X62	Information on 2nd last alarm (Output voltage)	110	0
X63	Information on 2nd last alarm (Torque calculation value)	0	0
*X64	Information on 2nd last alarm (Reference speed (Pre-ramp) (0.62	0.00
*X65	Information on 2nd last alarm (Operation status)	0x8020	0x0
*X66	Information on 2nd last alarm (Cumulative operation time)	2	0
*X67	Information on 2nd last alarm (Number of startups)	41	0
*X68	Information on 2nd last alarm (DC link circuit voltage)	553	0
*X69	Information on 2nd last alarm (Inverter internal air temper	43	0
*X70	Information on 2nd last alarm (Heat sink temperature)	31	0
X71	Information on 2nd last alarm (Control circuit terminal (in	0x0	0x0
*X72	Information on 2nd last alarm (Control circuit terminal (ou	0x100	0x0
X73	Information on 2nd last alarm (Communications control signa	0x0	0x0
X74	Information on 2nd last alarm (Communications control signa	0x0	0x0
X76	Information on 2nd last alarm (Reference torque)	0	0
X77	Information on 2nd last alarm (Reference torque current (Fi	0	0

FNo.	Function code Name	Set value	Factory Setting
Z00	Information on 3rd last alarm (Reference speed (Final) (uni	0.00	0.00
Z01	Information on 3rd last alarm (Output current)	0.00	0.00
Z02	Information on 3rd last alarm (Output voltage)	0	0
Z03	Information on 3rd last alarm (Torque calculation value)	0	0
Z04	Information on 3rd last alarm (Reference speed (Pre-ramp) (0.00	0.00
*Z05	Information on 3rd last alarm (Operation status)	0x28	0x0
*Z06	Information on 3rd last alarm (Cumulative operation time)	2	0
*Z07	Information on 3rd last alarm (Number of startups)	38	0
*Z08	Information on 3rd last alarm (DC link circuit voltage)	559	0

FNo.	Function code Name	Set value	Factory Setting
*Z09	Information on 3rd last alarm (Inverter internal air temper	42	0
*Z10	Information on 3rd last alarm (Heat sink temperature)	32	0
Z11	Information on 3rd last alarm (Control circuit terminal (in	0x0	0x0
*Z12	Information on 3rd last alarm (Control circuit terminal (ou	0x102	0x0
Z13	Information on 3rd last alarm (Communications control signa	0x0	0x0
*Z14	Information on 3rd last alarm (Communications control signa	0x2	0x0
Z16	Information on 3rd last alarm (Reference torque)	0	0
Z17	Information on 3rd last alarm (Reference torque current (Fi	0	0
Z50	Information on 4th last alarm (Reference speed (Final) (uni	0.00	0.00
Z51	Information on 4th last alarm (Output current)	0.00	0.00
Z52	Information on 4th last alarm (Output voltage)	0	0
Z53	Information on 4th last alarm (Torque calculation value)	0	0
*Z54	Information on 4th last alarm (Reference speed (Pre-ramp) (3.33	0.00
*Z55	Information on 4th last alarm (Operation status)	0x8028	0x0
*Z56	Information on 4th last alarm (Cumulative operation time)	1	0
Z57	Information on 4th last alarm (Number of startups)	0	0
*Z58	Information on 4th last alarm (DC link circuit voltage)	558	0
*Z59	Information on 4th last alarm (Inverter internal air temper	34	0
*Z60	Information on 4th last alarm (Heat sink temperature)	26	0
*Z61	Information on 4th last alarm (Control circuit terminal (in	0x400	0x0
*Z62	Information on 4th last alarm (Control circuit terminal (ou	0x100	0x0
Z63	Information on 4th last alarm (Communications control signa	0x0	0x0
Z64	Information on 4th last alarm (Communications control signa	0x0	0x0
Z66	Information on 4th last alarm (Reference torque)	0	0
Z67	Information on 4th last alarm (Reference torque current (Fi	0	0