Data points

This table is valid for the five-stage frequency request setup using the PDA-3 converter or MCU module with a 3-bit input setup 1 - digital control by the 3-bit output, setup 2 – control by the analogue signal of 0 – 10V

Datový bod	SETUP 1	SETUP 2	
0-03	0	0	Regional Settings - International
0-04	1	1	Operating State at Power at Start-up
0-10	1 (2)	1 (2)	Parameter Active Set-up (VCB -1 , WBC -2)
0-11	1	1	Parameter Programmed Set-up
0-12	0	0	Set-up Link – Not Linked
0-40	0	0	Hand-on Key, Disabled
0-41	1	1	Off/Reset Key – Stop and Error Reset
04-2	1	1	Auto-on Key – Digit. Output Start
0-50	0	0	LCP Copy - No
0-51	0	0	Set-up Copy
0-60	0	0	Password
1-00	0	0	Configuration Mode
1-01	1	1	Motor Control Principle
1-03	0	0	Torque Characteristics
1-05	2	2	Manual Mode Configuration
1-20	1-20	1-20	Motor Power (Rated Value)
1-22	1-22	1-22	Motor Voltage (Rated Value)
1-23	1-23	1-23	Motor Frequency (Rated Value)
1-24	1-24	1-24	Motor Current
1-25	1-25	1-25	Rated Speed
1-29	0	0	Automatic Motor Tuning (Factory Settings)
1-30	0 0 0	0 0 0	Stator Resistance Rs (Factory Settings)
1-33	0	0	Stator Leakage Reactance
1-35	Depends on Motor Parameters		Main Reactance
I.50	100%	100%	Motor Magnetisation
1-52	0.0	0.0	Min. Speed for Normal Magnetising
1-55.1	0	0	U/f Characteristics
1-55.2	0	0	U/f Characteristics
1-55.3	0	0	U/f Characteristics
1-55.4	0	0	U/f Characteristics
1-55.5	0	0	U/f Characteristics
1-55.6	0	0	U/f Characteristics
1-56.1	0	0	U/f Characteristics
1-56.2	0	0	U/f Characteristics
1-56.3	0	0	U/f Characteristics
1-56.4	0	0	U/f Characteristics
1-56.5	0	0	U/f Characteristics
1-56.6	0	0	U/f Characteristics
1-60	100	100	Load Compensation at Low Speed
1-61	0	0	Load Compensation at High Speed
1-62	0	0	Slip Compensation
1-63	0.1	0.1	Slip Compensation Time
1-71	0.0	0.0	Start Delay
1-72	2	2	Function at Start
1-73	1	1	Flying Start - Enabled
1-80	0	0	Function at Stop
1-82	0.0	0.0	Min. Speed for Function at Stop
1-90	0	0	Motor Thermal Protection
1-93	0	0	Thermistor Source
2-00	50%	50%	Parameters 2-00 to 2-22, Factory Settings (Brake Parameters)
3-00	MIN-MAX	MIN-MAX	MIN-MAX Reference Value Limits
3-02	0	0	Minimum Reference Value
3-03	0-100Hz	0-100Hz	Maximum Reference Value (According to the Fan Chamber Type Plate)
3-10.1	44	0.0	Fixed Reference Value 1
3-10.2	58	0.0	Fixed Reference Value 2
3-10.3	72	0.0	Fixed Reference Value 3
3-10.4	86	0.0	Fixed Reference Value 4
3-10.5	100	0.0	Fixed Reference Value 5
3-10.6	0.0	0.0	Fixed Reference Value 6
3-10.7	0.0	0.0	Fixed Reference Value 7
3-10.8	0.0	0.0	Fixed Reference Value 8
3-11	5.0Hz	5.0Hz	Constant Speed

Data points

3-12	0.0	0.0	Frequency Correction Coefficient, Up or Down
3-14	0.0	0.0	Fixed Relative Reference Value
3-15	0	0	Reference Value 1 Source
3-16	0	0	Reference Value 2 Source
3-17	0	0	Reference Value 3 Source
3-18	0	0	Relative Scaling Reference Value Source
3-40	0	0	Ramp Type
3-41	30.0	30.0	Ramp 1 - Start Up
3-42	30.0	30.0	Ramp 1 – Run Down
3-50	0	0	Ramp Type
3-51	30.0	30.0	Ramp 2 - Start Up
3-52	30.0	30.0	Ramp 2 - Run Down
3-80	3.0	3.0	Start Up/Run Down Ramp Time at Constant Speed
3-81	3.0	3.0	Quick Stop Run Down Ramp Time
4-10	0	0	Direction of rotation
4-12	0.0Hz	0.0Hz	Motor Minimum Speed
4-14	0 - 100 Hz	0 - 100 Hz	Motor Maximum Speed (according to the Fan Chamber Type Plate)
4-16	140%	140%	Torque Limit Motor Mode
4-17	150%	150%	Torque Limit for Generator Mode
4-50	26A	26A	Warning Low Current
4-51	26A	26A	Warning High Current
4-58	1	1	Missing Motor Phase Function
4-61.1	0.0	0.0	Bypass Speed 1 From (Hz)
4-61.2	0.0	0.0	Bypass Speed 2 From (Hz)
4-63.1	0.0	0.0	Bypass Speed 1 To (Hz)
4-63.2	0.0	0.0	Bypass Speed 2 To (Hz)
5-10	8	8	Digital Input, Terminal 18 (Start)
5-11	18(bit2)	0	Digital Input, Terminal 19, Fixed Reference Value bit 2
5-12	17(bit1)	0	Digital Input, Terminal 27, Fixed Reference Value bit 1
5-13	16(bit0)	0	Digital Input, Terminal 29, Fixed Reference Value bit 0
5-15	0	0	Digital Input, Terminal 33
5-40	3	3	Output Relay (Inverter Ready in Auto Mode)
5-55	20	20	Terminal 33, Low Frequency
5-56	5000	5000	Terminal 33, High Frequency
5-57	0.0	0.0	Terminal 33, Low Ref. Value / Feedback
5-58	8	8	Terminal 33, High Ref. Value / Feedback
6-00	10	10	Live Zero Timeout Time
6-01	0	0	Live Zero Timeout Time Function
6-10	0.0.7V	0.07V	Low Voltage
6-11	10V	10V	High Voltage
6-12	0.14mA	0.14mA	Low Current
6-13	20.00mA	20.00mA	High Current
6-14	0.00	0.00	Low Reference Value
6-15	50.0	50.0	High Reference Value
6-16	0.01	0.01	Filter Time Constant
6-19	0	0	Voltage Mode, Current Mode
6-22	0.14mA	0.14mA	Low Current
6-23	20.00mA	20.00mA	High Current
6-24	0.000	0.000	Low Ref. Value / Feedback
6-25	50.0	50.0	High Ref. Value / Feedback
6-26	0.01	0.01	Filter Time Constant
6-81	0.000	0.000	LCP Potentiometer, Low Ref. Value
6-82	50.000	50.000	LCP Potentiometer, High Ref. Value
6-90	0	0	Terminal 42-Mode
6-91	0	0	Terminal 42, Analogue Input
6-92	0.01	0.01	Terminal 42, Digital Output
6-93	0.00	0.00	Terminal 42 - Output Min. Scale
6-94	100	100	Terminal 42 - Output Max. Scale
7-20	0	0	Process Feedback Source
7-30	0	0	Process PI Norm./Inver. Control
7-31	0	0	Process PI Norm./Anti-Windup Control
7-32	0.0	0.0	Process PI Ctrl./Controller Start Value
7-33	0.01	0.01	Process PI Ctrl./ Proportional Gain
7-34	9.999	9.999	Process PI Ctrl./Integral Time Constant
7-38	0%	0%	Process PI Ctrl./ Feed Forward Factor
7-39	5%	5%	Reference Value Bandwidth