

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	
0-01	47	47	Language Czech
0-02	1	1	Motor Speed Unit (Hz)
0-03	0	0	Regional Settings (International)
0-04	0	0	Operating State at Power Resume (continue)
0-10	1	2	Parameter Active Set-up
0-11	9	9	Parameter Programmed Set-up
0-12	1	1	This Set-up linked to /1/
0-13	0	0	Display Readout: Linked Set-ups
0-14	A.AAA	A.AAA	Display Readout: Edited Set-up/Channel (Factory Settings)
0-20	xxx	xxx	Display Line 1.1-Lower Case (Factory Settings)
0-21	xxx	xxx	Display Line 1.2-Lower Case (Factory Settings)
0-22	xxx	xxx	Display Line 1.3-Lower Case (Factory Settings)
0-23	xxx	xxx	Display Line 1.3-Lower Case (Factory Settings)
0-24	xxx	xxx	Display Line 1.3-Lower Case (Factory Settings)
0-25	xxx	xxx	Display Line 1.3-Lower Case (Factory Settings)
0-30	1	1	Custom Defined Readout Unit /%/
0.31	0.00	0.00	Custom Defined Readout Min. Value
0-32	100	100	Custom Defined Readout Max. Value
0-37	xxx	xxx	Displayed Text 1 (not applicable)
0-38	xxx	xxx	Displayed Text 2 (not applicable)
0-39	xxx	xxx	Displayed Text 3 (not applicable)
0-40	0	0	(Hand on) Key on LCP
0-41	1	1	(Off) Key on LCP
0-42	1	1	(Auto on) Key on LCP
0-43	1	1	(Reset) Key on LCP
0-50	0	0	LCP Set-up Copy
0-51	0	0	Set-up Copy
0-60	100	100	Main Menu Password
0-61	0	0	Access to Main Menu Without Password
0-65	200	200	Personal Menu Password
0-66	0	0	Access to Personal Menu Without Password
0-70	0:00	0:00	Date and Time Settings
0-71	1	1	Date Format
0-72	0	0	Time Format
0-73	0.00	0.00	Zone Time Shift
0-74	0	0	DST/Summertime
0-76	0:00	0:00	DST/Summertime - Start
0-77	0:00	0:00	DST/Summertime - End
0-79	0	0	Clock Error
0-81	1	1	Working Days
0-82	0	0	Additional Working Days
0-83	0	0	Additional Non-Working Days
0-89	0:00	0:00	Date and Time Display
1-00	0	0	Configuration Mode
1-03	1	1	Torque Characteristics
1-20	Set	Set	Motor Power (kW)
1-21	Set	Set	Motor Power (HP)
1-22	Set	Set	Motor Voltage
1-23	Set	Set	Motor Frequency
1-24	Set	Set	Motor Current
1-25	Set	Set	Motor Rated Speed
1-28	0	0	Motor Rotation Check
1-29	0	0	Automatic Motor Adaptation (AMA)
1-30	Factory Settings	Factory Settings	Stator Resistance (Rs)
1-35	Factory Settings	Factory Settings	Main Reactance (Xh)
1-36	Factory Settings	Factory Settings	Iron Loss Resistance (Rfe)
1-39	Set	Set	Motor Poles
1-50	Factory Settings	Factory Settings	Motor Magnetisation at Zero Speed
1-51	Factory Settings	Factory Settings	Min. Speed - Normal Magnetising (RPM)
1-52	Factory Settings	Factory Settings	Min. Speed - Normal Magnetising (Hz)
1-60	100%	100%	Load Compensation at Low Speed
1-61	0%	0%	Compensation at High Speed
1-62	0%	0%	Slip Compensation
1-63	0.10s	0.10s	Slip Compensation Time Constant
1-64	100%	100%	Resonance Dampening
1-65	5	5	Resonance Dampening Time Constant
1-71	0.0	0.0	Start Delay

Data points

1-73	0	0	Flying Start
1-80	0	0	Function at Stop
1-81	0	0	Min. Speed for Function at Stop
1-82	0	0	Min. Speed for Function at Stop
1-90	4	4	Motor Thermal Protection
1-91	0	0	Motor Ext. Fan
1-93	0	0	Thermistor Source
2-00	50	50	DC Holding/Preheating Current
2-01	50	50	DC Braking Current
2-02	10	10	DC Braking Time
2-04	0	0	DC Brake Switching Speed
2-10	0	0	Brake Function
2-11	xxx	xxx	Brake Resistor
2-12	xxx	xxx	Torque Limit for Generator Regime
2-13	0	0	Brake Power Monitoring
2-15	0	0	Brake Check
2-16			
2-17	2	2	Over-voltage Control
3-02	0.0	0.0	Minimum Reference Value
3-03	50	50	Maximum Reference Value
3-04	0	0	Reference Value Function
3-10.0	44	0	Fixed Reference Value 0
3-10.1	58	0	Fixed Reference Value 1
3-10.2	72	0	Fixed Reference Value 2
3-10.3	86	0	Fixed Reference Value 3
3-10.4	100	0	Fixed Reference Value 4
3-10.5	0	0	Fixed Reference Value 5
3-10.6	0	0	Fixed Reference Value 6
3-10.7	0	0	Fixed Reference Value 7
3-11	10	10	Constant Speed
3-13	0	0	Reference Value Location
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
			Low Current
3-19	300	300	Constant Speed
3-41	90	90	Start Up Ramp 1
3-42	90	90	Run Down Ramp 1
3-51	90	90	Start Up Ramp 2
3-52	90	90	Run Down Ramp 2
3-80	90	90	Start Up/Run Down Ramp Time at Const. Speed
3-90	0.10	0.10	Step Size
3-91	1.0	1.0	Start Up/Run Down Ramp Time
3-92	0	0	Power Supply Recovery
3-93	100	100	Maximum Limit
3-94	0	0	Minimum Limit
3-95	1.0	1.0	Ramp Delay
4-10	2	2	Motor Running Direction
4-11	0.0	0.0	Motor Minimum Speed
4-12	0.0	0.0	Motor Minimum Speed
4-13	Set	Set	Motor Maximum Speed - according to the Fan Chamber Type Plate
4-14	50	50	Motor Minimum Speed
4-16	69	69	Torque Limit Motor Mode
4-17	69	69	Torque Limit Generator Mode
4-18	110	100	Current Limit
4-19	50	50	Maximum Output Frequency – or according to the Fan Chamber Type Plate
4-50	0.0	0.0	Warning Low Current
4-51	Set	Set	Warning High Current – set according to the Motor Rate Plate Value
4-52	0.0	0.0	Warning Low Speed
4-53	Set	Set	Warning Motor High Speed - according to the Fan Chamber Type Plate
4-54	0.0	0.0	Warning Low Reference Value
4-55	1500	1500	Warning High Reference Value
4-56	Factory Settings	Factory Settings	Warning Low Feedback
4-57	Factory Settings	Factory Settings	Warning High Feedback
4-58	1	1	Missing Motor Phase Function
4-60	0.0	0.0	Bypass Speed RPM
4-61	0.0	0.0	Bypass Speed Hz
4-62	0.0	0.0	Bypass Speed to RPM
4-63	0.0	0.0	Bypass Speed to Hz
4-64	0	0	Semi-Automatic Bypass Function
5-00	0	0	Digital I/O Mode

Data points

5-01	0	0	Terminal 27, Mode
5-02	0	0	Terminal 29, Mode
5-10	8	8	Terminal 18, Dig. Input
5-11	18	0	Terminal 19, Dig. Input
5-12	17	0	Terminal 27, Dig. Input
5-13	16	0	Terminal 29, Dig. Input
5-14	0	0	Terminal 32, Dig. Input
5-15	0	0	Terminal 33, Dig. Input
5-16	0	0	Terminal X30/2, Dig. Input
5-17	0	0	Terminal X30/3, Dig. Input
5-18	0	0	Terminal X30/4, Dig. Input
5-30	0	0	Terminal 27, Dig. Output
5-31	0	0	Terminal 29, Dig. Output
5-32	0	0	Terminal X30/6, Dig. Output
5-33	0	0	Terminal X30/7, Dig. Output
5-40	2	2	Relay Function / Inverter Ready
5-41	0.01	0.01	Relay On Delay
5-42	0.01	0.01	Relay Off Delay
5-50	100	100	Terminal 29, Low Frequency
5-51	100	100	Terminal 29, High Frequency
5-52	0.0	0.0	Terminal 29, Low Ref. Value, Feedback
5-53	100	100	Terminal 29, High Ref. Value, Feedback
5-54	100	100	Pulse Filter Time Constant #29
5-55	100	100	Terminal 33, Low Frequency
5-56	100	100	Terminal 33, High Frequency
5-57	0.0	0.0	Terminal 33, Low Reference Value
5-58	100	100	Terminal 33, High Reference Value
5-59	100	100	Pulse Filter Time Constant #33
5-60	0	0	Terminal #27 Pulse Output Variable
5-62	5000	5000	Pulse Output Maximum Frequency #27
5-63	0	0	Terminal #29, Pulse Output Variable
5-65	5000	5000	Pulse Output Maximum Frequency #29
5-66	0	0	terminal X30/6, Pulse Output Variable
5-68	5000	5000	Pulse Output Maximum Frequency X30/6
6-00	10	10	Live Zero Timeout Time
6-01	0	0	Live Zero Timeout Time Function
6-02	0	0	Live Zero Time Limit Function
6-10	0.07	0.07	Terminal 53, Low Voltage
6-11	10.0	10.0	Terminal 53, High Voltage
6-12	4mA	4mA	Terminal 53, Low Current
6-13	20mA	20mA	Terminal 53, High Current
6-14	0.0	0.0	Terminal 53, Low Ref. Value
6-15	50	50	Terminal 53, High Ref. Value
6-16	0.001	0.001	Terminal 53, Filter Time Constant
6-17	1	1	Terminal 53, Live Zero
6-20	0.07	0.07	Terminal 54, Low Voltage
6-21	10.0	10.0	Terminal 54, High Voltage
6-22	4mA	4mA	Terminal 54, Low Current
6-23	20mA	20mA	Terminal 54, High Current
6-24	0.0	0.0	Terminal 54, Low Ref. Value
6-25	50	50	Terminal 54, High Ref. Value
6-26	0.001	0.001	Terminal 54, Filter Time Constant
6-27	1	1	Terminal 54, Live Zero