HCFA TECHNOLOGY



Parameter List for E380/220 Series Inverter

Manual No.	HPPV00300EN
Manual version	3.0
Date	March, 2019

Function code	Name	Description	
P00.00	Motor operation mode	Select the operation mode for the mo	
P00.02	Command source selection	Select the command source for the inve	
P00.03	Frequency source A		
P00.04	Frequency source B	1	
P00.05	Frequency command operation relationship	1	
P00.06	Range base of frequency source B	1	
P00.07	Range of frequency source B	Select the setting mode and	
P00.08	Maximum output frequency	setting value for the set frequen	
P00.09	Frequency upper limit source	1	
P00.10	Frequency upper limit digital setting	1	
P00.11	Frequency lower limit	1	
P00.12	Setting frequency	1	
P00.13	Acceleration time 0	Select the acceleration/ decelerat	
P00.14	Deceleration time 0	time.	
P00.23	Parameter initialization	Parameters will be initialized.	
P00.24	Rotation direction selection of motor 1	Select the rotation direction for the mo	
P00.25	Carrier frequency setting		
P00.26	Carrier frequency adjustment	Select the carrier frequency and PWM method.	
P00.27	PWM method	T TTTTTTTCUIOU.	
P00.33	Motor auto tuning	Select the auto tuning mode for the m	
P01.00	Start mode	-	
P01.01	Startup frequency		
P01.02	Startup frequency holding time	Select the start mode and the related parameters.	
P01.03	Startup DC braking current	relaced parameters.	
P01.04	Startup DC braking holding time	1	
P01.05	Stop mode		
P01.06	Initial frequency of stop DC braking	Select the stop mode and the	
P01.08	Stop DC braking current	related parameters.	
P01.09	Stop DC braking holding time	1	
Paramet	er for vector control mode		
unction code	Name	Description	
uncuon code			
P03.01	Speed loop proportional gain 1		
	Speed loop proportional gain 1 Speed loop integral time 1		
P03.01			
P03.01 P03.02	Speed loop integral time 1	Select the parameters for speed lo	
P03.01 P03.02 P03.03	Speed loop integral time 1 Switchover frequency 1	Select the parameters for speed Ic	
P03.01 P03.02 P03.03 P03.04	Speed loop integral time 1 Switchover frequency 1 Speed loop proportional gain 2	Select the parameters for speed Ic	
P03.01 P03.02 P03.03 P03.04 P03.05	Speed loop integral time 1 Switchover frequency 1 Speed loop proportional gain 2 Speed loop integral time 2	Select the parameters for speed Ic	
P03.01 P03.02 P03.03 P03.04 P03.05 P03.06	Speed loop integral time 1 Switchover frequency 1 Speed loop proportional gain 2 Speed loop integral time 2 Switchover frequency 2		
P03.01 P03.02 P03.03 P03.04 P03.05 P03.06 P03.07	Speed loop integral time 1 Switchover frequency 1 Speed loop proportional gain 2 Speed loop integral time 2 Switchover frequency 2 Speed loop filter time	Select the braking gain and	
P03.01 P03.02 P03.03 P03.04 P03.05 P03.06 P03.07 P03.08	Speed loop integral time 1 Switchover frequency 1 Speed loop proportional gain 2 Speed loop integral time 2 Switchover frequency 2 Speed loop filter time Fielding weakening torque compensation gain	Select the braking gain and	
P03.01 P03.02 P03.03 P03.04 P03.05 P03.06 P03.07 P03.08 P03.09	Speed loop integral time 1 Switchover frequency 1 Speed loop proportional gain 2 Speed loop integral time 2 Switchover frequency 2 Speed loop filter time Fielding weakening torque compensation gain Motor slip gain	Select the braking gain and fielding weakening compensation	
P03.01 P03.02 P03.03 P03.04 P03.05 P03.06 P03.07 P03.08 P03.09 P03.10	Speed loop integral time 1 Switchover frequency 1 Speed loop proportional gain 2 Speed loop integral time 2 Switchover frequency 2 Speed loop filter time Fielding weakening torque compensation gain Motor slip gain Braking slip gain Torque upper limit source in speed control mode	Select the braking gain and fielding weakening compensations.	
P03.01 P03.02 P03.03 P03.04 P03.05 P03.06 P03.07 P03.08 P03.09 P03.10 P03.11	Speed loop integral time 1 Switchover frequency 1 Speed loop proportional gain 2 Speed loop integral time 2 Switchover frequency 2 Speed loop filter time Fielding weakening torque compensation gain Motor slip gain Braking slip gain	Select the braking gain and fielding weakening compensation and select the torque limit in speed control mode.	
P03.01 P03.02 P03.03 P03.04 P03.05 P03.06 P03.07 P03.08 P03.09 P03.10 P03.11 P03.12	Speed loop integral time 1 Switchover frequency 1 Speed loop proportional gain 2 Speed loop integral time 2 Switchover frequency 2 Speed loop filter time Fielding weakening torque compensation gain Motor slip gain Braking slip gain Torque upper limit source in speed control mode Digital setting of torque upper limit in speed control mode	Select the braking gain and fielding weakening compensations.	
P03.01 P03.02 P03.03 P03.04 P03.05 P03.06 P03.07 P03.08 P03.09 P03.10 P03.11 P03.12 P03.13 P03.14	Speed loop integral time 1 Switchover frequency 1 Speed loop proportional gain 2 Speed loop integral time 2 Switchover frequency 2 Speed loop filter time Fielding weakening torque compensation gain Motor slip gain Braking slip gain Torque upper limit source in speed control mode Digital setting of torque upper limit in speed control mode Current loop proportional coefficient	Select the braking gain and fielding weakening compensation and select the torque limit in speed control mode.	
P03.01 P03.02 P03.03 P03.04 P03.05 P03.06 P03.07 P03.08 P03.09 P03.10 P03.11 P03.12 P03.13 P03.14 Paramet	Speed loop integral time 1 Switchover frequency 1 Speed loop proportional gain 2 Speed loop integral time 2 Switchover frequency 2 Speed loop filter time Fielding weakening torque compensation gain Motor slip gain Braking slip gain Torque upper limit source in speed control mode Digital setting of torque upper limit in speed control mode Current loop proportional coefficient Current loop integral coefficient	Select the braking gain and fielding weakening compensation and select the torque limit in speed control mode.	
P03.01 P03.02 P03.03 P03.04 P03.05 P03.06 P03.07 P03.08 P03.09 P03.10 P03.11 P03.12 P03.13 P03.14 Paramet	Speed loop integral time 1 Switchover frequency 1 Speed loop proportional gain 2 Speed loop integral time 2 Switchover frequency 2 Speed loop filter time Fielding weakening torque compensation gain Motor slip gain Braking slip gain Torque upper limit source in speed control mode Digital setting of torque upper limit in speed control mode Current loop proportional coefficient Current loop integral coefficient ters for V/F control mode	fielding weakening compensation Select the torque limit in speed control mode. Parameters for current loop.	
P03.01 P03.02 P03.03 P03.04 P03.05 P03.06 P03.07 P03.08 P03.09 P03.10 P03.11 P03.12 P03.13 P03.14 Paramet	Speed loop integral time 1 Switchover frequency 1 Speed loop proportional gain 2 Speed loop integral time 2 Switchover frequency 2 Speed loop filter time Fielding weakening torque compensation gain Motor slip gain Braking slip gain Torque upper limit source in speed control mode Digital setting of torque upper limit in speed control mode Current loop proportional coefficient Current loop integral coefficient ters for V/F control mode Name	Select the braking gain and fielding weakening compensation. Select the torque limit in speed control mode. Parameters for current loop.	
P03.01 P03.02 P03.03 P03.04 P03.05 P03.06 P03.07 P03.08 P03.09 P03.10 P03.11 P03.12 P03.13 P03.14 Paramet Function code P04.00	Speed loop integral time 1 Switchover frequency 1 Speed loop proportional gain 2 Speed loop integral time 2 Switchover frequency 2 Speed loop filter time Fielding weakening torque compensation gain Motor slip gain Braking slip gain Torque upper limit source in speed control mode Digital setting of torque upper limit in speed control mode Current loop proportional coefficient Current loop integral coefficient ters for V/F control mode Name V/F curve setting	Select the braking gain and fielding weakening compensation of the torque limit in speed control mode. Parameters for current loop.	
P03.01 P03.02 P03.03 P03.04 P03.05 P03.06 P03.07 P03.08 P03.09 P03.10 P03.11 P03.12 P03.13 P03.14 Paramet Function code P04.00 P04.02	Speed loop integral time 1 Switchover frequency 1 Speed loop proportional gain 2 Speed loop integral time 2 Switchover frequency 2 Speed loop filter time Fielding weakening torque compensation gain Motor slip gain Braking slip gain Torque upper limit source in speed control mode Digital setting of torque upper limit in speed control mode Current loop proportional coefficient Current loop integral coefficient ters for V/F control mode Name V/F curve setting Multi-point V/F frequency 1	Select the braking gain and fielding weakening compensation of the torque limit in speed control mode. Parameters for current loop.	
P03.01 P03.02 P03.03 P03.04 P03.05 P03.06 P03.07 P03.08 P03.09 P03.10 P03.11 P03.12 P03.13 P03.14 Paramet Function code P04.00 P04.02 P04.03	Speed loop integral time 1 Switchover frequency 1 Speed loop proportional gain 2 Speed loop integral time 2 Switchover frequency 2 Speed loop filter time Fielding weakening torque compensation gain Motor slip gain Braking slip gain Torque upper limit source in speed control mode Digital setting of torque upper limit in speed control mode Current loop proportional coefficient Current loop integral coefficient ters for V/F control mode Name V/F curve setting Multi-point V/F requency 1 Multi-point V/F voltage 1	Select the braking gain and fielding weakening compensation of the torque limit in speed control mode. Parameters for current loop.	
P03.01 P03.02 P03.03 P03.04 P03.05 P03.06 P03.07 P03.08 P03.09 P03.10 P03.11 P03.12 P03.13 P03.14 Paramet Function code P04.00 P04.02 P04.03 P04.04 P04.05	Speed loop integral time 1 Switchover frequency 1 Speed loop proportional gain 2 Speed loop integral time 2 Switchover frequency 2 Speed loop filter time Fielding weakening torque compensation gain Motor slip gain Braking slip gain Torque upper limit source in speed control mode Digital setting of torque upper limit in speed control mode Current loop proportional coefficient Current loop integral coefficient teers for V/F control mode Name V/F curve setting Multi-point V/F requency 1 Multi-point V/F voltage 1 Multi-point V/F requency 2 Multi-point V/F voltage 2	Select the braking gain and fielding weakening compensation. Select the torque limit in speed control mode. Parameters for current loop. Description	
P03.01 P03.02 P03.03 P03.04 P03.05 P03.06 P03.07 P03.08 P03.09 P03.10 P03.11 P03.12 P03.13 P03.14 Paramet Function code P04.00 P04.02 P04.03 P04.04 P04.05 P04.06	Speed loop integral time 1 Switchover frequency 1 Speed loop proportional gain 2 Speed loop integral time 2 Switchover frequency 2 Speed loop filter time Fielding weakening torque compensation gain Motor slip gain Braking slip gain Torque upper limit source in speed control mode Digital setting of torque upper limit in speed control mode Current loop proportional coefficient Current loop integral coefficient teers for V/F control mode Name V/F curve setting Multi-point V/F requency 1 Multi-point V/F voltage 1 Multi-point V/F voltage 2 Multi-point V/F requency 3	Select the braking gain and fielding weakening compensation. Select the torque limit in speed control mode. Parameters for current loop. Description	
P03.01 P03.02 P03.03 P03.04 P03.05 P03.06 P03.07 P03.08 P03.09 P03.10 P03.11 P03.12 P03.13 P03.14 Paramet Function code P04.00 P04.02 P04.03 P04.04 P04.05	Speed loop integral time 1 Switchover frequency 1 Speed loop proportional gain 2 Speed loop integral time 2 Switchover frequency 2 Speed loop filter time Fielding weakening torque compensation gain Motor slip gain Braking slip gain Torque upper limit source in speed control mode Digital setting of torque upper limit in speed control mode Current loop proportional coefficient Current loop integral coefficient teers for V/F control mode Name V/F curve setting Multi-point V/F requency 1 Multi-point V/F voltage 1 Multi-point V/F requency 2 Multi-point V/F voltage 2	Select the braking gain and fielding weakening compensation. Select the torque limit in speed control mode. Parameters for current loop. Description	

P04.10	Automatic torque boost compensation coefficient	Select automatic torque boost compensation coefficient
P04.11	V/F manual torque boost	Select the torque boost method and value
	Field weakening torque compensation	Select field weakening torque
P04.13	coefficient	compensation coefficient
P04.15	Slip compensation gain	Select the slip gain.
P04.17	Oscillation suppression gain	Select the oscillation suppression gair
P04.19	Flux braking	Select the flux braking value.
P04.26	Current limit	Select the current limit value.
P04.27	Current limit switch	Select current limit switch
P04.28	VF torque filter coefficient	Select VF torque filter coefficient
Function code	ers for analog set frequency Name	Description
i uncuon code	ivaille	Set to 2, 3, 4 and 5(Al1, Al2, Al3 and
P00.03	Frequency source A	high-speed pulse input)
P05.13	Al1 voltage lower limit	
P05.14	Al1 lower limit setting	
P05.15	Al1 voltage upper limit	Select the AI1 input setting.
P05.16	Al1 upper limit setting	
P05.17	Al1 input filter time	
P05.18	Al2 input selection	
P05.19	Al2 voltage lower limit	
P05.20	Al2 lower limit setting	
P05.21	Al2 voltage upper limit	
P05.22	Al2 upper limit setting	Salast the Al2 in the state of
P05.23	Al2 input filter time	Select the AI2 input setting.
P05.24	AI2 current lower limit	
P05.25	AI2 lower limit setting	
P05.26	AI2 current upper limit	
P05.27	AI2 upper limit setting	
P05.28	AI3 voltage lower limit	
P05.29	AI3 lower limit setting	
P05.30	AI3 voltage upper limit	Select the AI3 input setting.
P05.31	AI3 upper limit setting	
P05.32	AI3 input filter time	
P05.33	High-speed pulse input minimum frequency	
P05.34	High-speed pulse input minimum frequency setting	
P05.35	High-speed pulse input maximum frequency	Select the high-speed pulse input setting.
P05.36	High-speed pulse input maximum frequency setting	3
P05.37	High-speed pulse input filter time	
Paramet	ers for analog output	
Paramet Function code	ers for analog output Name	Description
Paramet	ers for analog output Name Ao1 function selection	-
Paramet Function code P06.14 P06.15	ers for analog output Name Ao1 function selection Ao2 function selection	Description Function selection for analog and high-speed pulse output
Paramet Function code P06.14	Name Ao1 function selection Ao2 function selection HDO1 pulse output function selection	Function selection for analog and
Paramet Function code P06.14 P06.15 P06.16 P06.17	Name Ao1 function selection Ao2 function selection HDO1 pulse output function selection Ao1output voltage lower limit	Function selection for analog and
Paramet Function code P06.14 P06.15 P06.16 P06.17 P06.18	An Analog output Name An function selection An function selection An function selection HDO1 pulse output function selection An output voltage lower limit An output voltage lower limit setting	Function selection for analog and high-speed pulse output Select the related setting for AO1
Paramet Function code P06.14 P06.15 P06.16 P06.17 P06.18 P06.19	Name Ao1 function selection Ao2 function selection HDO1 pulse output function selection Ao1output voltage lower limit Ao1 output voltage lower limit setting Ao1 output voltage upper limit	Function selection for analog and high-speed pulse output
Paramet Function code P06.14 P06.15 P06.16 P06.17 P06.18 P06.19 P06.20	Name Ao1 function selection Ao2 function selection HDO1 pulse output function selection Ao1output voltage lower limit Ao1 output voltage lower limit setting Ao1 output voltage upper limit Ao1 output voltage upper limit	Function selection for analog and high-speed pulse output Select the related setting for AO1
Paramet Function code P06.14 P06.15 P06.16 P06.17 P06.18 P06.19 P06.20 P06.21	Name Ao1 function selection Ao2 function selection HDO1 pulse output function selection Ao1output voltage lower limit Ao1 output voltage lower limit setting Ao1 output voltage upper limit Ao1 output voltage upper limit setting Ao2 output voltage lower limit setting	Function selection for analog and high-speed pulse output Select the related setting for AO1 output.
Paramet Function code P06.14 P06.15 P06.16 P06.17 P06.18 P06.19 P06.20 P06.21 P06.22	Name Ao1 function selection Ao2 function selection HDO1 pulse output function selection Ao1output voltage lower limit Ao1 output voltage lower limit setting Ao1 output voltage upper limit Ao1 output voltage upper limit setting Ao2 output voltage lower limit setting Ao2 output voltage lower limit	Function selection for analog and high-speed pulse output Select the related setting for AO1 output. Select the related setting for AO2
Paramet Function code P06.14 P06.15 P06.16 P06.17 P06.18 P06.19 P06.20 P06.21 P06.22 P06.23	Name Ao1 function selection Ao2 function selection HDO1 pulse output function selection Ao1output voltage lower limit Ao1 output voltage lower limit setting Ao1 output voltage upper limit Ao1 output voltage upper limit setting Ao2 output voltage lower limit setting Ao2 output voltage lower limit setting Ao2 output voltage lower limit Ao2 output voltage lower limit setting Ao2 output voltage lower limit setting Ao2 output voltage upper limit	Function selection for analog and high-speed pulse output Select the related setting for AO1 output.
Paramet Function code P06.14 P06.15 P06.16 P06.17 P06.18 P06.19 P06.20 P06.21 P06.22 P06.23 P06.24	Name Ao1 function selection Ao2 function selection HDO1 pulse output function selection Ao1output voltage lower limit Ao1 output voltage lower limit setting Ao1 output voltage upper limit Ao1 output voltage upper limit setting Ao2 output voltage lower limit setting Ao2 output voltage upper limit Ao2 output voltage lower limit setting Ao2 output voltage lower limit setting Ao2 output voltage upper limit setting Ao2 output voltage upper limit	Function selection for analog and high-speed pulse output Select the related setting for AO1 output. Select the related setting for AO2
Paramet Function code P06.14 P06.15 P06.16 P06.17 P06.18 P06.19 P06.20 P06.21 P06.22 P06.23 P06.24 P06.25	Name Ao1 function selection Ao2 function selection HDO1 pulse output function selection Ao1output voltage lower limit Ao1 output voltage lower limit setting Ao1 output voltage upper limit Ao1 output voltage upper limit setting Ao2 output voltage lower limit setting Ao2 output voltage upper limit setting Ao2 output voltage lower limit setting Ao2 output voltage lower limit setting Ao2 output voltage upper limit setting Ao2 output voltage upper limit Ao2 output voltage upper limit setting HDO1 mini. output setting frequency	Function selection for analog and high-speed pulse output Select the related setting for AO1 output. Select the related setting for AO2 output.
Paramet Function code P06.14 P06.15 P06.16 P06.17 P06.18 P06.19 P06.20 P06.21 P06.22 P06.23 P06.24 P06.25 P06.26	Name Ao1 function selection Ao2 function selection HDO1 pulse output function selection Ao1 output voltage lower limit Ao1 output voltage lower limit setting Ao1 output voltage upper limit setting Ao1 output voltage upper limit setting Ao2 output voltage lower limit setting Ao2 output voltage upper limit setting Ao2 output voltage upper limit setting HDO1 mini. output setting frequency HDO1 mini. output setting value	Function selection for analog and high-speed pulse output Select the related setting for AO1 output Select the related setting for AO2 output elect the related setting for HDO
Paramet Function code P06.14 P06.15 P06.16 P06.17 P06.18 P06.19 P06.20 P06.21 P06.22 P06.23 P06.24 P06.25 P06.26 P06.27	Name Ao1 function selection Ao2 function selection HDO1 pulse output function selection Ao1 output voltage lower limit Ao1 output voltage lower limit setting Ao1 output voltage upper limit setting Ao1 output voltage upper limit setting Ao2 output voltage lower limit setting Ao2 output voltage upper limit setting Ao2 output voltage upper limit setting HDO1 mini. output setting frequency HDO1 mini. output setting value HDO1 max. output setting frequency	Function selection for analog and high-speed pulse output Select the related setting for AO1 output. Select the related setting for AO2 output.
Paramet Function code P06.14 P06.15 P06.16 P06.17 P06.18 P06.19 P06.20 P06.21 P06.22 P06.23 P06.24 P06.25 P06.26 P06.27 P06.28	Name Ao1 function selection Ao2 function selection HDO1 pulse output function selection Ao1output voltage lower limit Ao1 output voltage lower limit setting Ao1 output voltage upper limit setting Ao1 output voltage upper limit setting Ao2 output voltage lower limit setting Ao2 output voltage upper limit setting HDO1 mini. output setting frequency HDO1 mini. output setting value HDO1 max. output setting frequency HDO1 max. output setting value	Function selection for analog and high-speed pulse output Select the related setting for AO1 output Select the related setting for AO2 output elect the related setting for HDO
Paramet Function code P06.14 P06.15 P06.16 P06.17 P06.18 P06.19 P06.20 P06.21 P06.22 P06.23 P06.24 P06.25 P06.26 P06.27 P06.28 Paramet	Name Ao1 function selection Ao2 function selection HDO1 pulse output function selection Ao1output voltage lower limit Ao1 output voltage lower limit setting Ao1 output voltage upper limit setting Ao2 output voltage upper limit setting Ao2 output voltage lower limit setting Ao2 output voltage upper limit setting Ao2 output voltage lower limit setting Ao2 output voltage lower limit setting Ao2 output voltage upper limit setting Ao2 output voltage upper limit setting HDO1 mini. output setting frequency HDO1 mini. output setting requency HDO1 max. output setting requency HDO1 max. output setting value ers for digital input terminal	Function selection for analog and high-speed pulse output Select the related setting for AO1 output. Select the related setting for AO2 output. elect the related setting for HDO output.
Paramet Function code P06.14 P06.15 P06.16 P06.17 P06.18 P06.19 P06.20 P06.21 P06.22 P06.23 P06.24 P06.25 P06.26 P06.27 P06.28	Name Ao1 function selection Ao2 function selection HDO1 pulse output function selection Ao1output voltage lower limit Ao1 output voltage lower limit setting Ao1 output voltage upper limit setting Ao1 output voltage upper limit setting Ao2 output voltage lower limit setting Ao2 output voltage upper limit setting HDO1 mini. output setting frequency HDO1 mini. output setting value HDO1 max. output setting frequency HDO1 max. output setting value	Function selection for analog and high-speed pulse output Select the related setting for AO1 output. Select the related setting for AO2 output. elect the related setting for HDO output.
Paramet Function code P06.14 P06.15 P06.16 P06.17 P06.18 P06.19 P06.20 P06.21 P06.22 P06.23 P06.24 P06.25 P06.26 P06.27 P06.28 Paramet	Name Ao1 function selection Ao2 function selection HDO1 pulse output function selection Ao1output voltage lower limit Ao1 output voltage lower limit setting Ao1 output voltage upper limit setting Ao2 output voltage upper limit setting Ao2 output voltage lower limit setting Ao2 output voltage upper limit setting Ao2 output voltage lower limit setting Ao2 output voltage lower limit setting Ao2 output voltage upper limit setting Ao2 output voltage upper limit setting HDO1 mini. output setting frequency HDO1 mini. output setting requency HDO1 max. output setting requency HDO1 max. output setting value ers for digital input terminal	Function selection for analog and high-speed pulse output Select the related setting for AO1 output. Select the related setting for AO2 output. elect the related setting for HDO output.
Paramet Function code P06.14 P06.15 P06.16 P06.17 P06.18 P06.19 P06.20 P06.21 P06.22 P06.23 P06.24 P06.25 P06.26 P06.27 P06.28 Paramet	Name Ao1 function selection Ao2 function selection HDO1 pulse output function selection Ao1output voltage lower limit Ao1 output voltage lower limit setting Ao1 output voltage upper limit setting Ao1 output voltage upper limit setting Ao2 output voltage lower limit setting Ao2 output voltage lower limit setting Ao2 output voltage lower limit setting Ao2 output voltage upper limit setting HDO1 mini. output setting frequency HDO1 mini. output setting value HDO1 max. output setting frequency HDO1 max. output setting value ers for digital input terminal Function	Function selection for analog and high-speed pulse output Select the related setting for AO1 output Select the related setting for AO2 output elect the related setting for HDO output. Description Disabled: No operation Enabled: No operation Disabled: No operation Disabled: No operation
Paramet Function code P06.14 P06.15 P06.16 P06.17 P06.18 P06.19 P06.20 P06.21 P06.22 P06.23 P06.24 P06.25 P06.26 P06.27 P06.28 Paramet Value	Name Ao1 function selection Ao2 function selection HDO1 pulse output function selection Ao1output voltage lower limit Ao1 output voltage lower limit setting Ao1 output voltage upper limit setting Ao2 output voltage lower limit setting Ao2 output voltage upper limit Ao2 output voltage upper limit setting HDO1 mini. output setting frequency HDO1 mini. output setting frequency HDO1 max. output setting frequency HDO1 max. output setting value ers for digital input terminal Function No function	Function selection for analog and high-speed pulse output Select the related setting for AO1 output Select the related setting for AO2 output elect the related setting for HDO output Description Disabled: No operation Enabled: No operation Enabled: No operation Enabled: The inverter starts forward RUN Disabled: No operation
Paramet Function code P06.14 P06.15 P06.16 P06.17 P06.18 P06.19 P06.20 P06.21 P06.22 P06.23 P06.24 P06.25 P06.26 P06.27 P06.28 Paramet Value 0	Name Ao1 function selection Ao2 function selection HDO1 pulse output function selection Ao1output voltage lower limit Ao1 output voltage lower limit setting Ao1 output voltage upper limit setting Ao2 output voltage upper limit setting Ao2 output voltage lower limit setting Ao2 output voltage upper limit setting Ao2 output voltage lower limit setting Ao2 output voltage upper limit Ao2 output voltage upper limit Ao2 output voltage upper limit setting HDO1 mini. output setting frequency HDO1 mini. output setting frequency HDO1 max. output setting frequency HDO1 max. output setting value ers for digital input terminal Function No function Forward RUN (FWD)	Function selection for analog and high-speed pulse output Select the related setting for AO1 output. Select the related setting for AO2 output. Select the related setting for AO2 output. elect the related setting for HDO output. Description Disabled: No operation Enabled: No operation Enabled: No operation Enabled: The inverter starts forward RUN Disabled: No operation Enabled: The inverter starts reverse RUN Disabled: No operation
Paramet Function code P06.14 P06.15 P06.16 P06.17 P06.18 P06.19 P06.20 P06.21 P06.22 P06.23 P06.24 P06.25 P06.26 P06.27 P06.28 Paramet Value 0	Name Ao1 function selection Ao2 function selection HDO1 pulse output function selection Ao1output voltage lower limit Ao1 output voltage lower limit setting Ao1 output voltage upper limit setting Ao2 output voltage upper limit setting Ao2 output voltage lower limit setting AO2 output voltage upper limit setting HDO1 mini. output setting frequency HDO1 mini. output setting frequency HDO1 max. output setting frequency HDO1 max. output setting value ers for digital input terminal Function No function Reverse RUN (REV)	Function selection for analog and high-speed pulse output Select the related setting for AO1 output. Select the related setting for AO2 output. Select the related setting for AO2 output. elect the related setting for HDO output. Description Disabled: No operation Enabled: No operation Enabled: The inverter starts forward RUN Disabled: No operation Enabled: The inverter starts reverse RUN Disabled: No operation Enabled: The inverter starts reverse RUN Disabled: No operation Enabled: Three-line control is enabled Disabled: No operation
Paramet Function code P06.14 P06.15 P06.16 P06.17 P06.18 P06.19 P06.20 P06.21 P06.22 P06.23 P06.24 P06.25 P06.26 P06.27 P06.28 Paramet Value 0 1 2	Name Ao1 function selection Ao2 function selection HDO1 pulse output function selection Ao1output voltage lower limit Ao1 output voltage lower limit setting Ao1 output voltage upper limit setting Ao2 output voltage upper limit setting Ao2 output voltage lower limit setting HDO1 mini. output setting frequency HDO1 mini. output setting value HDO1 max. output setting value ers for digital input terminal Function No function Forward RUN (FWD) Reverse RUN (REV)	Function selection for analog and high-speed pulse output Select the related setting for AO1 output. Select the related setting for AO2 output. Select the related setting for AO2 output. Select the related setting for HDO output. Description Disabled: No operation Enabled: No operation Enabled: The inverter starts forward RUN Disabled: No operation Enabled: The inverter starts reverse RUN Disabled: No operation Enabled: Three-line control is enabled: Disabled: No operation Enabled: Three-line control is enabled: Disabled: No operation Enabled: The inverter starts forward JOG Disabled: No operation
Paramet Function code P06.14 P06.15 P06.16 P06.17 P06.18 P06.19 P06.20 P06.21 P06.22 P06.23 P06.24 P06.25 P06.26 P06.27 P06.28 Paramet Value 0 1 2 3	Name Ao1 function selection Ao2 function selection HDO1 pulse output function selection Ao1output voltage lower limit Ao1 output voltage lower limit setting Ao1 output voltage upper limit setting Ao1 output voltage upper limit setting Ao2 output voltage lower limit setting HDO1 mini. output setting frequency HDO1 mini. output setting frequency HDO1 max. output setting frequency HDO1 max. output setting value ers for digital input terminal Function No function Forward RUN (FWD) Reverse RUN (REV) Three-line control	Function selection for analog and high-speed pulse output Select the related setting for AO1 output. Select the related setting for AO2 output. Select the related setting for AO2 output. Description Disabled: No operation Enabled: No operation Enabled: No operation Enabled: The inverter starts forward RUN Disabled: No operation Enabled: No operation Enabled: The inverter starts reverse RUN Disabled: No operation Enabled: Three-line control is enabled Disabled: No operation Enabled: Three-line starts forward JOG

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Value	Function	Description	
7	RUN pause	Disabled: The inverter continues to run. Enabled: The inverter runs with frequency 0	
		Disabled: No operation Enabled: Reset	
8	Fault reset (RESET)	faults occur in inverter	
9	External fault input	Disabled: No operation Enabled: Fault occurs by external input	
10	Frequency setting UP	Disabled: No operation Enabled: The set frequency increases when the frequency source is digital setting + UP/DOWN	
11	Frequency setting DOWN	Disabled: No operation Enabled: The set frequency decreases whe the frequency source is digital setting + UP/DOWN	
12	Frequency UP/DOWN setting clear	Disabled: No operation Enabled: Clear the modification by using th UP/DOWN function or the turn button on th operation panel.	
13	Frequency UP/DOWN setting temporary clear	Disabled: The frequency restores to the value of P00. 12 and modification by using the UP/ DOWN function or the turn button on the operation panel Enabled: Clear the modification by using the UP/ DOWN function or the turn button on the operation panel temporarily	
14	Multi-reference terminal 1	The setting of 16 speeds or 16 other	
15	Multi-reference terminal 2	references can be implemented through	
16	Multi-reference terminal 3	combinations of 16 states of these four terminals.	
17	Multi-reference terminal 4 Terminal 1 for acceleration/	Totally four groups of acceleration/	
18	deceleration time selection	deceleration time can be selected through	
19	Terminal 2 for acceleration/ deceleration time selection	combinations of two states of these two terminals.	
20	PID pause	Disabled: The output frequency of inverter changes with PID adjustment and PID adjustment of frequency source is normal. Enabled: PID is invalid temporarily. The Inverter maintains the current frequency output without supporting PID adjustment of frequency source	
21	Reverse PID action direction	Disabled: The PID action direction is same to the direction set in P08. 03. Enabled: The PID action direction is reverse to the direction set in P08. 03.	
22	PID parameter switchover	to the direction set inPU8. U3. Disabled: The PID parameters of the first group works. Enabled: The PID parameters of the sect group works.	
23	Immediate DC braking	Disabled: The inverter returns to the norma operation state Enabled: The inverter directly switches ove to the DC braking state.	
24	Deceleration DC braking	Disabled: The inverter decelerates to stop normally in decelerate to stop mode Enabled: The inverter decelerates to the initial frequency of stop DC braking and the switches over to DC braking state	
25	External STOP	Disabled: No operation Enabled: In any control mode , it can be use to make the inverter stop	
26	Emergency stop	Disabled: No operation Enabled: In any control mode , it can be use to make the inverter stop directly.	
27	PLC status reset	Disabled: No operation Enabled: Restore to operation stage of PLC and clear PLC running time	
28	PLC RUN pause	Disabled: Restore the original status of PLC control and continue to operate Enabled: The inverter maintains frequency output	
29	Counter input	This terminal is used to count pulses.	
30	Counter reset	Disabled: No operation Enabled: This terminal is used to clear the counter status	
31	Length count input	This terminal is used to count the length	
32	Length reset	Disabled: No operation Enabled: This terminal is used to clear the length	
33	High-speed pulse input (only for HDI)	Receive the high-speed pulse input signal.	
34	Swing pause (Pause at the current frequency)	Disabled: Swing frequency operates. Enabled: The inverter operates at the curre	
35	Swing reset (Return to center frequency)	output frequency Disabled: No operation Enabled: The inverter outputs central frequency and the swing frequency function works.	
36	Acceleration/Deceleration prohibited	Disabled: No effect on the acceleration/ deceleration. Enabled: The acceleration/ deceleration proces stops in the acceleration/ deceleration mode	

Value	Function	Description
37	Run prohibited	Disabled: The inverter starts and operates normally Enabled: The inverter cannot start operation or immediate stop
38	Speed control/Torque control switchover	Disabled: Speed control mode Enabled: Torque control mode
39	Torque control prohibited	Disabled: No effect on the current control mod Enabled: The current mode cannot be torque control mode
40	Command source switchover terminal	Disabled: No effect on the current frequency setting source Enabled: The current frequency setting source switches to other setting source
41	Switch running commands to operation panel	Disabled: No effect on the current command setting mode Enabled: The setting mode of current comman switches to operation panel setting.
42	Switch running commands to terminal	Disabled: No effect on the current command setting mode Enabled: The setting mode of current command switches to terminal setting.
43	Switch running commands to communication	Disabled: No effect on the current command setting mode Enabled: The setting mode of current command switches to communication settin
44	Motor selection	Disabled: Motor 1 is enabled. Enabled: Motor 2 is enabled.
45	Clear the current running time	Disabled: No operation Enabled: Clear the running time of motor.
Parame	ters for digital output	
Value	Function	Description
0	No output	The terminal has no function. If the inverter main circuit and control circuit
1	Ready for RUN	become stable, and the inverter detects no fault and is ready for RUN, the terminal becomes ON.
2	Inverter running	When the inverter is running and has output frequency (can be zero), the terminal becomes OI
3	Inverter forward rotation	When the inverter is in forward rotation and has output frequency, the terminal becomes ON
4	Inverter reverse rotation	When the inverter is in reverse rotation and has output frequency, the terminal becomes OI
5	Zero-speed running 1 (no output at stop)	If the inverter runs with the output frequency of 0, the terminal becomes ON. If the inverter is in the stop state, the terminal becomes OFf
6	Zero-speed running 2 (output at stop)	If the output frequency of the inverter is 0, the terminal becomes ON. In the state of stop the signal is still ON
7	Fault output	When the inverter stops due to a fault, the terminal becomes ON
8	Overload pre-warning	When the inverter and motor exceeds the overload pre-warning threshold before performin the protection action, If the pre-warning threshol is exceeded, the terminal becomes ON. For moto overload parameters, see the descriptions of P13. 01 to P13. 03.
9	Lightload pre-warning	When the inverter and motor exceeds the lightload threshold or has no load, the termina becomes ON. For motor lightload parameters, see the descriptions of P13.05 to P13.07.
10	Undervoltage state output	If the inverter is in undervoltage state, the terminal becomes ON.
11	Reserved	
12	Inverter overheat warning	If the inverter temperature reaches the overhead warning threshold the terminal becomes ON.
13	PLC stage complete	When simple PLC completes one stage, the terminal outputs a pulse signal with width of 250 ms
14	PLC cycle complete	When simple PLC completes one cycle, the terminal outputs a pulse signal with width of 250 ms
15	Frequency limited	If the set frequency exceeds the frequency upper limit or lower limit and the output frequency of the inverter reaches the upper limit or lower limit, the terminal becomes ON
16	Torque limited (in speed control)	In speed control mode, if the output torque reaches the torque limit, the terminal becomes OI
17	Speed limited (in torque control)	In the toque control mode, if the motor speed reaches the speed limit, the terminal becomes Of
18	Frequency upper limit reached	If the running frequency reaches the upper limithe terminal becomes ON.

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Value	Function	Description
20	Frequency reached	When the set frequency reaches the detection range, the terminal becomes ON. For details, refer to P09. 04.
21	Frequency-level detection FDT1 output	Refer to the descriptions of P09. 00 and F09. 01.
22	Frequency-level detection FDT2 output	Refer to the descriptions of P09. 02 and P09. 03.
23	Arbitrary frequency reached	Refer to the descriptions of P09. 21 and P09. 22.
24	PID feedback loss	Refer to the descriptions of P08. 16 and P08. 17.
25	Set count value reached	The terminal becomes ON when the count value reaches the value set in P09.13. For the counting function, refer to Group P09 parameters.
26	Designated count value reached	The terminal becomes ON when the count value reaches the value set in P09.14. For the counting function, refer to Group P09 parameters.
27	Length reached	The terminal becomes ON when the detected actual length exceeds the value set in P09. 10.
28	PID feedback overlimit	Refer to the description of P08. 18 and P08. 19.
29	Current running time reached	If the current running time of inverter exceeds the value of P09. 18, the terminal becomes ON
30	Current power-on time reached	If the current power-on time of inverter exceeds the value of P09. 19, the terminal becomes ON
31	Accumulative running time reached	If the accumulative running time of the inverter exceeds the time set in P09. 16, the terminal becomes ON.
32	Accumulative power-on time reached	If the inverter accumulative power-on time exceeds the value set in P09. 17, the terminal becomes ON
33	Communication	Refer to the communication protocol. Communication setting DO1,HDO1,T1 output
34	Fault output 2	The terminal becomes ON when error occurs to the inverter and not reset(including undervoltage error and the inverter in undervoltage state)
	ters for analog output signa	
Value	Function	Description
0	Running frequency	0 to maximum output frequency
1	Set frequency	0 to maximum output frequency
2	Output current	0 to 2 times of rated motor current
3	Output voltage	0 to 1.2 times of rated inverter voltage
4	Output torque	0 to 2 times of rated motor torque
5	Output power	0 to 2 times of rated power
6	Pulse input	0.01kHz~100.00kHz
7 8	ABS (AI1) ABS (AI2)	0.00V~10.00V 0. 00V~10. 00V (or 0. 00mA~20. 00mA)
9	ABS (AI2)	-10.00V ~ 10.00V
10	Length	0 to maximum set length
11	Count value	0 to maximum count value
		0 to rotational speed corresponding to
12	Motor rotational speed	maximum output frequency
13	Output current (absolute value)	0.0A~1000.0A
14	Output voltage (absolute value)	0.0V~1000.0V
15	Communication setting percentage	0~100. 0%. For details, refer to communication protocol.
Frronco	ldes description]	F
Value	Function	Description
Er001	Short-circuit to ground	The motor insulation is abnormal. The output circuit is grounded or short circuited The inverter module is faulty. The leakage current to the ground is too large.
Er002	Overcurrent during acceleration	1: The acceleration time is too short. 2: Motor parameters are incorrect. 3: The voltage is too low. 4: The power of inverter is too low. 5: V/F curve is not appropriate. 6: The load is too heavy. 7: The startup operation is performed on the rotating motor.
Er003	Overcurrent at constant speed	A sudden load is added during operation. The voltage is too low. The inverter model is of too small power class.
Er004	Overcurrent during deceleration	1: The inertia of load is too large 2: The deceleration time is too short. 3: The voltage is too low.
Er005	Overvoltage during acceleration	The input voltage is abnormal. The startup operation is performed on the rotating motor upon instantaneous power-failure
Er006	Overvoltage at constant speed	1: The input voltage is abnormal. 2: Input voltage changes abnormally 3: The inertia of load is too large
Er007	Overvoltage during deceleration	1: The deceleration time is too short. 2: The inertia of load is too large 3: The input voltage is abnormal.

Value	Function	Description
Er008	Inverter overload	1: The acceleration/deceleration time is too short 2: The startup operation is performed on the rotating motor. 3: The voltage is too low. 4: The load is too large 5: Torque boost is too large at V/F control 6: The motor parameters is not appropriate
Er009	Motor overload	1: The voltage is too low. 2: The motor parameters is not appropriate 3: The load is too heavy or lockedrotor occurs on the motor.
Er010	Current detection fault	1: The control board connector is in bad contact. 2: Auxiliary power supply is faulty. 3: The HALL device is faulty. 4: Amplifying circuit is faulty.
Er011	Power output phase loss	1: U, V, W output phase loss 2: The inverter's three-phase outputs are unbalanced
Er012	Hardware overcurrent	1: Overcurrent 2: Input power is abnormal. 3: Motor output is abnormal. 4: The inverter module is faulty.
Er013	Parameter fault	1: The motor and inverter do not match 2: The motor parameters are set incorrectly 3: The deviation between auto-tuning parameters and standard parameters is too large 4: The auto-tuning times out
Er014	Contactor fault	1: The voltage is too low 2: The buffer resistance is faulty upon power-on 3: The contactor is faulty 4: The control circuit is faulty
Er015	Power input phase loss	Input R, S, T phase loss
Er 021	Software version not compatible	The number of parameters stored in panel and displayed in inverter is different 2: Software version No. is different
Er022	Bus undervoltage	1: The voltage is too low. 2: Instantaneous power-failure
Er023	External equipment fault	External fault signal is input via DI.
Er024	Communication fault	The baud rate between host computer and inverter is different The communication parameters of inverte are set improperly. The communication cable is disconnected 4: The host computer works or not
Er025	Module overheat	1: The inverter overcurrent instantaneously. 2: The output circuit is grounded or short circuited. 3: The air filter is blocked or the fan is damaged. 4: The ambient temperature is too high. 5: Control board connection or components loosen 6: The auxiliary power is damaged and the voltage is too low 7: Power module bridge arm is shoot-through 8: Control board is faulty.
Er026	EEPROM read-write fault	1: Parameters read-write fault occur. 2: The EEPROM chip is damaged.
Er027	Accumulative running time reached	The accumulative running time reaches the setting value
Er028	Accumulative power-on time reached	The accumulative power-on time reaches the setting value.
Er029	PID feedback overlimit during running	
Er030	PID feedback loss	1: PID feedback loss 2: PID feedback source disappear
Er031	Overload warning	1: The load is too heavy. 2: Overload warning threshold value and time is set improperly. 3: The motor parameters are set improperly
Er032	Lightload warning	Load becoming 0 Lightload warning threshold value and time is set improperly. The motor parameters are set improperly.
Er099	Software error	Software error
Er100	Hardware error	Hardware error

Parameter list

- The symbols in the function code list described as follows:

 O— The setting value can be modified in the running state;

 O— The setting value cannot be modified in the running state;

 The parameters are the monitoring parameters and reserved parameters and cannot be modified.

P00 Star	ndard function parameters group		
Function code	Name	Property	Communication address
P00.00	Motor operation mode	0	0x0000
P00.02	Command source selection	0	0x0002

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Property Continue
P00.04 Frequency source B
P00.05 Frequency command operation relationship ○ 0x000 P00.06 Range base of frequency source B ○ 0x000 P00.07 Range of frequency source B ○ 0x000 P00.08 Max. output frequency ○ 0x000 P00.10 Frequency upper limit source ○ 0x000 P00.11 Frequency upper limit figital setting ○ 0x000 P00.11 Frequency lower limit ○ 0x000 P00.12 Setting frequency ○ 0x000 P00.13 Acceleration time 0 ○ 0x000 P00.14 Deceleration time 0 ○ 0x00 P00.15 Acceleration time 1 ○ 0x00 P00.16 Deceleration time 2 ○ 0x00 P00.17 Acceleration time 2 ○ 0x00 P00.18 Deceleration time 3 ○ 0x00 P00.19 Acceleration time 3 ○ 0x00 P00.20 Deceleration time 3 ○ 0x00 P00.21 Acceleration time 3 ○ 0x00 P00.22 Acceleration fire 2 ○ 0x00 P00.23 Parameter initialization ○ 0x
P00.06 Range base of frequency source B ○ 0x000 P00.07 Range of frequency source B ○ 0x000 P00.08 Max. output frequency ○ 0x000 P00.09 Frequency upper limit source ○ 0x000 P00.10 Frequency lower limit ○ 0x000 P00.11 Frequency lower limit ○ 0x000 P00.12 Setting frequency ○ 0x000 P00.13 Acceleration time 0 ○ 0x000 P00.14 Deceleration time 0 ○ 0x00 P00.15 Acceleration time 1 ○ 0x00 P00.16 Deceleration time 2 ○ 0x00 P00.17 Acceleration time 2 ○ 0x00 P00.18 Deceleration time 3 ○ 0x00 P00.19 Acceleration time 3 ○ 0x00 P00.20 Deceleration fideceleration time unit ○ 0x00 P00.21 Acceleration/deceleration time Base frequency ○ 0x00
P00.07 Range of frequency source B ○ 0x000 P00.08 Max. output frequency ○ 0x000 P00.09 Frequency upper limit source ○ 0x000 P00.10 Frequency lower limit ○ 0x000 P00.11 Frequency lower limit ○ 0x000 P00.12 Setting frequency ○ 0x000 P00.13 Acceleration time 0 ○ 0x000 P00.14 Deceleration time 0 ○ 0x000 P00.15 Acceleration time 1 ○ 0x00 P00.16 Deceleration time 2 ○ 0x00 P00.17 Acceleration time 2 ○ 0x00 P00.18 Deceleration time 2 ○ 0x00 P00.19 Acceleration time 3 ○ 0x00 P00.20 Deceleration time 3 ○ 0x00 P00.21 Acceleration/deceleration time unit ○ 0x00 P00.22 Acceleration/deceleration time Base frequency ○ 0x00 P00.23 Parameter initialization ○ 0x00 P00.24 Motor 1 Rotation direction selection ○ 0x00 P00.25 Carrier frequency setting
P00.09 Frequency upper limit source ○ 0x000 P00.10 Frequency upper limit digital setting ○ 0x000 P00.11 Frequency lower limit ○ 0x000 P00.12 Setting frequency ○ 0x000 P00.13 Acceleration time 0 ○ 0x000 P00.14 Deceleration time 0 ○ 0x000 P00.15 Acceleration time 1 ○ 0x00 P00.16 Deceleration time 2 ○ 0x00 P00.17 Acceleration time 2 ○ 0x00 P00.18 Deceleration time 2 ○ 0x00 P00.19 Acceleration time 3 ○ 0x00 P00.20 Deceleration time 3 ○ 0x00 P00.21 Acceleration/deceleration time unit ○ 0x00 P00.22 Acceleration/deceleration time Base frequency ○ 0x00 P00.23 Parameter initialization ○ 0x00 P00.24 Motor 1 Rotation direction selection ○ 0x00 P00.25 Carrier frequency setting ○ 0x00 P00.26 Carrier frequency setting ○ 0x00 P00.27 PWM method
P00.10 Frequency upper limit digital setting ○ 0x000 P00.11 Frequency lower limit ○ 0x000 P00.12 Setting frequency ○ 0x000 P00.13 Acceleration time 0 ○ 0x000 P00.15 Deceleration time 0 ○ 0x000 P00.16 Deceleration time 1 ○ 0x00 P00.17 Acceleration time 2 ○ 0x00 P00.18 Deceleration time 3 ○ 0x00 P00.19 Acceleration time 3 ○ 0x00 P00.20 Deceleration time 3 ○ 0x00 P00.21 Acceleration/deceleration time unit ○ 0x00 P00.22 Acceleration/deceleration time Base frequency ○ 0x00 P00.23 Parameter initialization ○ 0x00 P00.24 Motor 1 Rotation direction selection ○ 0x00 P00.25 Carrier frequency setting ○ 0x00 P00.26 Carrier frequency setting ○ 0x00 P00.27 PWM method ○ 0x00 P00.28 Operation panel and terminal UP/DOWN Frequency control ○ 0x00 P00.29 L
P00.11 Frequency lower limit ○ 0x000 P00.12 Setting frequency ○ 0x000 P00.13 Acceleration time 0 ○ 0x000 P00.14 Deceleration time 0 ○ 0x000 P00.15 Acceleration time 1 ○ 0x000 P00.16 Deceleration time 1 ○ 0x00 P00.17 Acceleration time 2 ○ 0x00 P00.18 Deceleration time 3 ○ 0x00 P00.19 Acceleration time 3 ○ 0x00 P00.20 Deceleration time 3 ○ 0x00 P00.21 Acceleration/deceleration time unit ○ 0x00 P00.22 Acceleration/deceleration time Base frequency ○ 0x00 P00.23 Parameter initialization ○ 0x00 P00.24 Motor 1 Rotation direction selection ○ 0x00 P00.25 Carrier frequency setting ○ 0x00 P00.26 Carrier frequency adjustment ○ 0x00 P00.27 PWM method ○ 0x00 P00.28 Operation panel and terminal UP/DOWN Frequency control ○ 0x00 P00.29 Length of operat
P00.12 Setting frequency ○ 0x000 P00.13 Acceleration time 0 ○ 0x000 P00.14 Deceleration time 0 ○ 0x000 P00.15 Acceleration time 1 ○ 0x000 P00.16 Deceleration time 1 ○ 0x00 P00.17 Acceleration time 2 ○ 0x00 P00.18 Deceleration time 3 ○ 0x00 P00.19 Acceleration time 3 ○ 0x00 P00.20 Deceleration time 3 ○ 0x00 P00.21 Acceleration/deceleration time unit ○ 0x00 P00.22 Acceleration/deceleration time Base frequency ○ 0x00 P00.23 Parameter initialization ○ 0x00 P00.24 Motor 1 Rotation direction selection ○ 0x00 P00.25 Carrier frequency setting ○ 0x00 P00.26 Carrier frequency adjustment ○ 0x00 P00.27 PWM method ○ 0x00 P00.28 Operation panel and terminal UP/DOWN Frequency control ○ 0x00 P00.29 Length of operation panel and terminal UP/DOWN per step ○ 0x00 P00.30<
P00.13 Acceleration time 0 0 x000 P00.14 Deceleration time 0 0 x000 P00.15 Acceleration time 1 0 x000 P00.16 Deceleration time 1 0 x00 P00.17 Acceleration time 2 0 x00 P00.18 Deceleration time 2 0 x00 P00.19 Acceleration time 3 0 x00 P00.20 Deceleration/deceleration time unit 0 x00 P00.21 Acceleration/deceleration time Base frequency 0 x00 P00.22 Acceleration/deceleration time Base frequency 0 x00 P00.23 Parameter initialization 0 x00 P00.24 Motor 1 Rotation direction selection 0 x00 P00.25 Carrier frequency setting 0 x00 P00.26 Carrier frequency adjustment 0 x00 P00.27 PWM method 0 x00 P00.28 Operation panel and terminal UP/DOWN Persuper control 0 x00 P00.29 Length of operation panel and terminal UP/DOWN per step 0 x00 P00.30 Terminal UP/DOWN integral speed 0 x00
P00.14 Deceleration time 0 0 x000 P00.15 Acceleration time 1 0 x000 P00.16 Deceleration time 1 0 x00 P00.17 Acceleration time 2 0 x00 P00.18 Deceleration time 3 0 x00 P00.20 Deceleration time 3 0 x00 P00.21 Acceleration/deceleration time unit 0 x00 P00.22 Acceleration/deceleration time Base frequency 0 x00 P00.23 Parameter initialization 0 x00 P00.24 Motor 1 Rotation direction selection 0 x00 P00.25 Carrier frequency setting 0 x00 P00.26 Carrier frequency adjustment 0 x00 P00.27 PWM method 0 x00 P00.28 Operation panel and terminal UP/DOWN Frequency control 0 x00 P00.29 Length of operation panel and terminal UP/DOWN per step 0 x00 P00.30 Terminal UP/DOWN integral speed 0 x00 P00.31 Parameter lock 0 x00 P00.33 Motor parameter auto-tuning 0 x00 P00.34
P00.15 Acceleration time 1 ○ 0x00 P00.16 Deceleration time 1 ○ 0x00 P00.17 Acceleration time 2 ○ 0x00 P00.18 Deceleration time 2 ○ 0x00 P00.19 Acceleration time 3 ○ 0x00 P00.20 Deceleration/deceleration time unit ○ 0x00 P00.21 Acceleration/deceleration time Base frequency ○ 0x00 P00.22 Acceleration/deceleration time Base frequency ○ 0x00 P00.23 Parameter initialization ○ 0x00 P00.24 Motor 1 Rotation direction selection ○ 0x00 P00.25 Carrier frequency setting ○ 0x00 P00.26 Carrier frequency adjustment ○ 0x00 P00.27 PWM method ○ 0x00 P00.28 Operation panel and terminal UP/DOWN Frequency control ○ 0x00 P00.29 Length of operation panel and terminal UP/DOWN per step ○ 0x00 P00.30 Terminal UP/DOWN integral speed ○ 0x00 P00.31 Parameter lock ○ 0x00 P00.33 Motor parameter auto-tuning ○ 0x00
P00.16 Deceleration time 1 ○ 0x00 P00.17 Acceleration time 2 ○ 0x00 P00.18 Deceleration time 2 ○ 0x00 P00.19 Acceleration time 3 ○ 0x00 P00.20 Deceleration time 3 ○ 0x00 P00.21 Acceleration/deceleration time unit ○ 0x00 P00.22 Acceleration/deceleration time Base frequency ○ 0x00 P00.23 Parameter initialization ○ 0x00 P00.24 Motor 1 Rotation direction selection ○ 0x00 P00.25 Carrier frequency setting ○ 0x00 P00.26 Carrier frequency adjustment ○ 0x00 P00.27 PWM method ○ 0x00 P00.28 Operation panel and terminal UP/DOWN Frequency control ○ 0x00 P00.29 Length of operation panel and terminal UP/DOWN per step ○ 0x00 P00.29 Length of operation panel and terminal UP/DOWN per step ○ 0x00 P00.30 Terminal UP/DOWN integral speed ○ 0x00 P00.31 Parameter lock ○ 0x00 P00.33 Motor parameter unto-tuning ○
P00.17 Acceleration time 2 ○ 0x00 P00.18 Deceleration time 2 ○ 0x00 P00.19 Acceleration time 3 ○ 0x00 P00.20 Deceleration time 3 ○ 0x00 P00.21 Acceleration/deceleration time unit ○ 0x00 P00.22 Acceleration/deceleration time Base frequency ○ 0x00 P00.23 Parameter initialization ○ 0x00 P00.24 Motor 1 Rotation direction selection ○ 0x00 P00.25 Carrier frequency setting ○ 0x00 P00.26 Carrier frequency adjustment ○ 0x00 P00.27 PWM method ○ 0x00 P00.28 Operation panel and terminal UP/DOWN Frequency control ○ 0x00 P00.29 Length of operation panel and terminal UP/DOWN per step ○ 0x00 P00.29 Length of operation panel and terminal UP/DOWN per step ○ 0x00 P00.30 Terminal UP/DOWN integral speed ○ 0x00 P00.31 Parameter lock ○ 0x00 P00.33 Motor parameter auto-tuning ○ 0x00 P00.34 Motor selection ○ 0x0
P00.18 Deceleration time 2 0 0x00° P00.19 Acceleration time 3 0 0x00° P00.20 Deceleration time 3 0 0x00° P00.21 Acceleration/deceleration time unit 0 0x00° P00.22 Acceleration/deceleration time Base frequency 0 0x00° P00.23 Parameter initialization 0 0x00° P00.24 Motor 1 Rotation direction selection 0 0x00° P00.25 Carrier frequency setting 0 0x00° P00.26 Carrier frequency adjustment 0 0x00° P00.27 PWM method 0 0x00° P00.28 Operation panel and terminal UP/DOWN Frequency control 0 0x00° P00.29 Length of operation panel and terminal UP/DOWN per step 0 0x00° P00.30 Terminal UP/DOWN integral speed 0 0x00° P00.31 Parameter lock 0 0x00° P00.33 Motor parameter auto-tuning 0 0x00° P01.34 Motor selection 0 0x00° P01.35 Parameter copy 0 0x00° P01.5tart/stop control parameter group 0 0x00°
P00.19 Acceleration time 3 ○ 0x00° P00.20 Deceleration time 3 ○ 0x00° P00.21 Acceleration/deceleration time unit ○ 0x00° P00.22 Acceleration/deceleration time Base frequency ○ 0x00° P00.23 Parameter initialization ○ 0x00° P00.24 Motor 1 Rotation direction selection ○ 0x00° P00.25 Carrier frequency setting ○ 0x00° P00.26 Carrier frequency adjustment ○ 0x00° P00.27 PWM method ○ 0x00° P00.28 Operation panel and terminal UP/DOWN Frequency control ○ 0x00° P00.29 Length of operation panel and terminal UP/DOWN per step ○ 0x00° P00.30 Terminal UP/DOWN integral speed ○ 0x00° P00.31 Parameter lock ○ 0x00° P00.33 Motor parameter auto-tuning ○ 0x00° P00.34 Motor selection ○ 0x00° P01 Start/stop control parameter group ○ 0x00° Function ○ 0x00° P01 Start/stop control parameter group ○ 0x01° Function <td< td=""></td<>
P00.20 Deceleration time 3 ○ 0x00° P00.21 Acceleration/deceleration time unit ○ 0x00° P00.22 Acceleration/deceleration time Base frequency ○ 0x00° P00.23 Parameter initialization ○ 0x00° P00.24 Motor 1 Rotation direction selection ○ 0x00° P00.25 Carrier frequency setting ○ 0x00° P00.26 Carrier frequency adjustment ○ 0x00° P00.27 PWM method ○ 0x00° P00.28 Operation panel and terminal UP/DOWN Frequency control ○ 0x00° P00.29 Length of operation panel and terminal UP/DOWN per step ○ 0x00° P00.30 Terminal UP/DOWN integral speed ○ 0x00° P00.31 Parameter lock ○ 0x00° P00.33 Motor parameter auto-tuning ○ 0x00° P01.34 Motor selection ○ 0x00° P01 Start/stop control parameter group ○ 0x00° P01 Start/stop control parameter group ○ 0x00° P01.01 Start mode ○ 0x01° P01.02 Startup frequency holding time ○ 0x01° P01.03 Startup DC braking current ○ 0x01°
P00.21 Acceleration/deceleration time unit ○ 0x00° P00.22 Acceleration/deceleration time Base frequency ○ 0x00° P00.23 Parameter initialization ○ 0x00° P00.24 Motor 1 Rotation direction selection ○ 0x00° P00.25 Carrier frequency setting ○ 0x00° P00.26 Carrier frequency adjustment ○ 0x00° P00.27 PWM method ○ 0x00° P00.28 Operation panel and terminal UP/DOWN Frequency control ○ 0x00° P00.29 Length of operation panel and terminal UP/DOWN per step ○ 0x00° P00.30 Terminal UP/DOWN integral speed ○ 0x00° P00.31 Parameter lock ○ 0x00° P00.33 Motor parameter auto-tuning ○ 0x00° P00.34 Motor selection ○ 0x00° P01.35 Parameter copy ○ 0x00° P01 Start/stop control parameter group ○ 0x00° P01 Start/stop control parameter group ○ 0x01° Function code ○ 0x01° P01.00 Start mode ○ 0x01° P01.01 Startup frequency holding time ○ 0x01° P01.02
P00.22 Acceleration/deceleration time Base frequency ○ 0x00 P00.23 Parameter initialization ○ 0x00 P00.24 Motor 1 Rotation direction selection ○ 0x00 P00.25 Carrier frequency setting ○ 0x00 P00.26 Carrier frequency adjustment ○ 0x00 P00.27 PWM method ○ 0x00 P00.28 Operation panel and terminal UP/DOWN Frequency control ○ 0x00 P00.29 Length of operation panel and terminal UP/DOWN per step ○ 0x00 P00.30 Terminal UP/DOWN integral speed ○ 0x00 P00.31 Parameter lock ○ 0x00 P00.33 Motor parameter auto-tuning ○ 0x00 P00.34 Motor selection ○ 0x00 P01.35 Parameter copy ○ 0x00 P01 Start/stop control parameter group ○ 0x00 Function code Name Property Communic address P01.00 Start mode ○ 0x01 P01.01 Startup frequency holding time ○ 0x01 P01.02 Startup Frequency holding time ○ 0x01 P01.04 Startup DC braking current ○ 0x01
P00.23 Parameter initialization ● 0x00 P00.24 Motor 1 Rotation direction selection ● 0x00 P00.25 Carrier frequency setting ● 0x00 P00.26 Carrier frequency adjustment ● 0x00 P00.27 PWM method ● 0x00 P00.28 Operation panel and terminal UP/DOWN Frequency control ● 0x00 P00.29 Length of operation panel and terminal UP/DOWN per step ● 0x00 P00.30 Terminal UP/DOWN integral speed ● 0x00 P00.31 Parameter lock ● 0x00 P00.33 Motor parameter auto-tuning ● 0x00 P00.34 Motor selection ● 0x00 P01.35 Parameter copy ● 0x00 P01 Start/stop control parameter group Function P01.00 Start mode ● 0x01 P01.01 Startup frequency ● 0x01 P01.02 Startup frequency holding time ● 0x01 P01.03 Startup DC braking current ● 0x01 P01.04 Startup DC braking holding time ● 0x01 P01.05 Stop
P00.24 Motor 1 Rotation direction selection ○ 0x00° P00.25 Carrier frequency setting ○ 0x00° P00.26 Carrier frequency adjustment ○ 0x00° P00.27 PWM method ○ 0x00° P00.28 Operation panel and terminal UP/DOWN Frequency control ○ 0x00° P00.29 Length of operation panel and terminal UP/DOWN per step ○ 0x00° P00.30 Terminal UP/DOWN integral speed ○ 0x00° P00.31 Parameter lock ○ 0x00° P00.33 Motor parameter auto-tuning ○ 0x00° P00.34 Motor selection ○ 0x00° P01 Start/stop control parameter group ○ 0x00° Function code Name Property dadress P01.00 Start mode ○ 0x01° P01.01 Startup frequency ○ 0x01° P01.02 Startup frequency holding time ○ 0x01° P01.03 Startup DC braking current ○ 0x01° P01.04 Startup DC braking holding time ○ 0x01° P01.05 Stop mode ○ 0x01° P01.08 <t< td=""></t<>
P00.25 Carrier frequency setting ○ 0x00 P00.26 Carrier frequency adjustment ○ 0x00 P00.27 PWM method ○ 0x00 P00.28 Operation panel and terminal UP/DOWN Frequency control ○ 0x00 P00.29 Length of operation panel and terminal UP/DOWN per step ○ 0x00 P00.30 Terminal UP/DOWN integral speed ○ 0x00 P00.31 Parameter lock ○ 0x00 P00.33 Motor parameter auto-tuning ○ 0x00 P00.34 Motor selection ○ 0x00 P01 Start/stop control parameter group ○ 0x00 P01 Start/stop control parameter group Property address P01.00 Start mode ○ 0x01 P01.01 Startup frequency ○ 0x01 P01.02 Startup frequency holding time ○ 0x01 P01.03 Startup DC braking current ○ 0x01 P01.04 Startup DC braking holding time ○ 0x01 P01.05 Stop mode ○ 0x01 P01.06 Initial frequency of stop DC braking ○ 0x01 P01.09 Stop DC brak
P00.26 Carrier frequency adjustment ● 0x00° P00.27 PWM method ● 0x00° P00.28 Operation panel and terminal UP/DOWN Frequency control ● 0x00° P00.29 Length of operation panel and terminal UP/DOWN per step ● 0x00° P00.30 Terminal UP/DOWN integral speed ● 0x00° P00.31 Parameter lock ● 0x00° P00.33 Motor parameter auto-tuning ● 0x00° P00.34 Motor selection ● 0x00° P01.35 Parameter copy ● 0x00° P01 Start/stop control parameter group Function Ox00° P01.00 Start mode ● 0x01° P01.01 Startup frequency ● 0x01° P01.02 Startup frequency holding time ● 0x01° P01.03 Startup DC braking current ● 0x01° P01.04 Startup DC braking holding time ● 0x01° P01.05 Stop mode ● 0x01° P01.06 Initial frequency of stop DC braking ● 0x01° P01.09 Stop DC braking current ● 0x01° P01.09
P00.27 PWM method ⊚ 0x00° P00.28 Operation panel and terminal UP/DOWN Frequency control ⊚ 0x00° P00.29 Length of operation panel and terminal UP/DOWN per step ○ 0x00° P00.30 Terminal UP/DOWN integral speed ○ 0x00° P00.31 Parameter lock ○ 0x00° P00.33 Motor parameter auto-tuning ◎ 0x00° P00.34 Motor selection ◎ 0x00° P01.35 Parameter copy ◎ 0x00° P01 Start/stop control parameter group Function code Name Property dadress P01.00 Start mode ◎ 0x01° Pox01° P01.01 Startup frequency ○ 0x01° Pox01° P01.02 Startup frequency holding time ○ 0x01° P01.03 Startup DC braking current ○ 0x01° P01.04 Startup DC braking holding time ○ 0x01° P01.05 Stop mode ○ 0x01° P01.06 Initial frequency of stop DC braking ○ 0x01° P01.09 Stop DC braking current ○ 0x01° P01.09 Stop DC br
P00.28 Operation panel and terminal UP/DOWN Frequency control ◎ 0x00° P00.29 Length of operation panel and terminal UP/DOWN per step ○ 0x00° P00.30 Terminal UP/DOWN integral speed ○ 0x00° P00.31 Parameter lock ○ 0x00° P00.33 Motor parameter auto-tuning ◎ 0x00° P00.34 Motor selection ◎ 0x00° P00.35 Parameter copy ◎ 0x00° P01 Start/stop control parameter group Function code Name Property dadress P01.00 Start mode ◎ 0x01° Pox01° P01.01 Startup frequency ○ 0x01° Pox01° P01.02 Startup frequency holding time ○ 0x01° P01.03 Startup DC braking current ○ 0x01° P01.04 Startup DC braking holding time ○ 0x01° P01.05 Stop mode ○ 0x01° P01.06 Initial frequency of stop DC braking ○ 0x01° P01.09 Stop DC braking current ○ 0x01° P01.09 Stop DC braking time ○ 0x01° P01.10
P00.29 Length of operation panel and terminal UP/DOWN per step ○ 0x00° P00.30 Terminal UP/DOWN integral speed ○ 0x00° P00.31 Parameter lock ○ 0x00° P00.33 Motor parameter auto-tuning ○ 0x00° P00.34 Motor selection ○ 0x00° P00.35 Parameter copy ○ 0x00° P01 Start/stop control parameter group Function code Name Property dadress P01.00 Start mode ○ 0x01° P01.01 Startup frequency ○ 0x01° P01.02 Startup frequency holding time ○ 0x01° P01.03 Startup DC braking current ○ 0x01° P01.04 Startup DC braking holding time ○ 0x01° P01.05 Stop mode ○ 0x01° P01.06 Initial frequency of stop DC braking ○ 0x01° P01.08 Stop DC braking current ○ 0x01° P01.09 Stop DC braking time ○ 0x01° P01.10 JOG running frequency ○ 0x01°
P00.30 Terminal UP/DOWN integral speed ○ 0x00° P00.31 Parameter lock ○ 0x00° P00.33 Motor parameter auto-tuning ○ 0x00° P00.34 Motor selection ○ 0x00° P00.35 Parameter copy ○ 0x00° P01 Start/stop control parameter group Function code Name Property domination didress P01.00 Start mode ○ 0x01° P01.01 Startup frequency ○ 0x01° P01.02 Startup frequency holding time ○ 0x01° P01.03 Startup DC braking current ○ 0x01° P01.04 Startup DC braking holding time ○ 0x01° P01.05 Stop mode ○ 0x01° P01.06 Initial frequency of stop DC braking ○ 0x01° P01.08 Stop DC braking current ○ 0x01° P01.09 Stop DC braking time ○ 0x01° P01.10 JOG running frequency ○ 0x01°
P00.31 Parameter lock ○ 0x00 P00.33 Motor parameter auto-tuning ○ 0x00 P00.34 Motor selection ○ 0x00 P00.35 Parameter copy ○ 0x00 P01 Start/stop control parameter group Function code Name Property dominant address P01.00 Start mode ○ 0x01 P01.01 Startup frequency ○ 0x01 P01.02 Startup frequency holding time ○ 0x01 P01.03 Startup DC braking current ○ 0x01 P01.04 Startup DC braking holding time ○ 0x01 P01.05 Stop mode ○ 0x01 P01.06 Initial frequency of stop DC braking ○ 0x01 P01.08 Stop DC braking current ○ 0x01 P01.09 Stop DC braking time ○ 0x01 P01.10 JOG running frequency ○ 0x01
P00.33 Motor parameter auto-tuning ⊚ 0x00: P00.34 Motor selection ⊚ 0x00: P00.35 Parameter copy ⊚ 0x00: P01 Start/stop control parameter group Function code Name Property Communication address P01.00 Start mode ⊚ 0x01 P01.01 Startup frequency ⊝ 0x01 P01.02 Startup frequency holding time ⊝ 0x01 P01.03 Startup DC braking current ⊝ 0x01 P01.04 Startup DC braking holding time ⊝ 0x01 P01.05 Stop mode ⊝ 0x01 P01.06 Initial frequency of stop DC braking ⊝ 0x01 P01.08 Stop DC braking current ⊝ 0x01 P01.09 Stop DC braking time ⊝ 0x01 P01.10 JOG running frequency ⊝ 0x01
P00.34 Motor selection ⊚ 0x00 P00.35 Parameter copy ⊚ 0x00 P01 Start/stop control parameter group Function code Name Property Communiaddress P01.00 Start mode ⊚ 0x01 0x01 P01.01 Startup frequency ⊙ 0x01 0x01 P01.02 Startup frequency holding time ⊙ 0x01 P01.03 Startup DC braking current ⊙ 0x01 P01.04 Startup DC braking holding time ⊙ 0x01 P01.05 Stop mode ⊙ 0x01 P01.06 Initial frequency of stop DC braking ⊙ 0x01 P01.08 Stop DC braking current ⊙ 0x01 P01.09 Stop DC braking time ⊙ 0x01 P01.10 JOG running frequency ⊙ 0x01
P00.35 Parameter copy ⊚ 0x000 P01 Start/stop control parameter group Function code Name Property Communication address P01.00 Start mode ⊚ 0x01 0x01 P01.01 Startup frequency ○ 0x01 0x01 P01.02 Startup frequency holding time ○ 0x01 0x01 P01.03 Startup DC braking current ○ 0x01 0x01 P01.04 Startup DC braking holding time ○ 0x01 0x01 P01.05 Stop mode ○ 0x01 0x01 P01.06 Initial frequency of stop DC braking ○ 0x01 P01.08 Stop DC braking current ○ 0x01 P01.09 Stop DC braking time ○ 0x01 P01.10 JOG running frequency ○ 0x01
P01 Start/stop control parameter group Function code Name Property address P01.00 Start mode ⊚ 0x01 P01.01 Startup frequency ○ 0x01 P01.02 Startup frequency holding time ○ 0x01 P01.03 Startup DC braking current ○ 0x01 P01.04 Startup DC braking holding time ○ 0x01 P01.05 Stop mode ○ 0x01 P01.06 Initial frequency of stop DC braking ○ 0x01 P01.08 Stop DC braking current ○ 0x01 P01.09 Stop DC braking time ○ 0x01 P01.10 JOG running frequency ○ 0x01
Function code Name Property address P01.00 Start mode ⊚ 0x01 P01.01 Startup frequency ○ 0x01 P01.02 Startup frequency holding time ○ 0x01 P01.03 Startup DC braking current ○ 0x01 P01.04 Startup DC braking holding time ○ 0x01 P01.05 Stop mode ○ 0x01 P01.06 Initial frequency of stop DC braking ○ 0x01 P01.08 Stop DC braking current ○ 0x01 P01.09 Stop DC braking time ○ 0x01 P01.10 JOG running frequency ○ 0x01
P01.00 Start mode
P01.01 Startup frequency 0 x01 P01.02 Startup frequency holding time 0 x01 P01.03 Startup DC braking current 0 x01 P01.04 Startup DC braking holding time 0 x01 P01.05 Stop mode 0 x01 P01.06 Initial frequency of stop DC braking 0 x01 P01.08 Stop DC braking current 0 x01 P01.09 Stop DC braking time 0 x01 P01.10 JOG running frequency 0 x01
P01.02 Startup frequency holding time 0 x011 P01.03 Startup DC braking current 0 x011 P01.04 Startup DC braking holding time 0 x011 P01.05 Stop mode 0 x011 P01.06 Initial frequency of stop DC braking 0 x011 P01.08 Stop DC braking current 0 x011 P01.09 Stop DC braking time 0 x011 P01.10 JOG running frequency 0 x011
P01.03 Startup DC braking current 0 xx010 P01.04 Startup DC braking holding time 0 xx010 P01.05 Stop mode 0 xx010 P01.06 Initial frequency of stop DC braking 0 xx010 P01.08 Stop DC braking current 0 xx010 P01.09 Stop DC braking time 0 xx010 P01.10 JOG running frequency 0 xx010
P01.04 Startup DC braking holding time 0 x010 P01.05 Stop mode 0 x010 P01.06 Initial frequency of stop DC braking 0 x010 P01.08 Stop DC braking current 0 x010 P01.09 Stop DC braking time 0 x010 P01.10 JOG running frequency 0 x010
P01.05 Stop mode 0 x01 P01.06 Initial frequency of stop DC braking 0 x01 P01.08 Stop DC braking current 0 x01 P01.09 Stop DC braking time 0 x01 P01.10 JOG running frequency 0 x01
P01.06 Initial frequency of stop DC braking 0 x010 P01.08 Stop DC braking current 0 x010 P01.09 Stop DC braking time 0 x010 P01.10 JOG running frequency 0 x010
P01.08 Stop DC braking current O x010 P01.09 Stop DC braking time O x010 P01.10 JOG running frequency O x010
P01.09 Stop DC braking time O x010 P01.10 JOG running frequency O x010
P01.10 JOG running frequency Ox010
3 1 2
P01.12 JOG running deceleration time O 0x010
P01.13 Emergency stop deceleration time O 0x010
P01.14 Acceleration/Deceleration mode © 0x010
P01.15 Time proportion of S-curve start segment © 0x010
P01.16 Time proportion of S-curve end segment © 0x01
P01.17 Jump frequency Ox01
P01.18 Frequency jump amplitude (+, -) Ox01
P01.19 Forward/Reverse rotation dead-zone time 0x01
P01.20 Running mode when set frequency lower than frequency 0x01
lower limit (Valid when lower limit larger than 0)
P01.21 Run command selection at power-on Ox01
P01. 26 Restart after power failure Ox017
P01. 27 Waiting time for restart Ox011
P02 Motor 1 parameter group Function Name Droposty Communi
runction Name Property Communication Address Property Communication Address Property Communication Property Communication Property Communication Property Communication Property Property Communication Property Prop
P02.00 Motor 1 type selection © 0x020
P02.01 Rated power for motor 1
P02.02 Rated voltage for motor 1 © 0x02
P02.03 Rated current for motor 1 © 0x02
P02.04 Rated frequency for motor 1 © 0x020
P02.05 Rated speed for motor 1
P02.05 Rated speed for motor 1
P02.05 Rated speed for motor 1 ⊚ 0x020 P02.06 Stator resistance for motor 1 ⊚ 0x020
P02.05 Rated speed for motor 1 ⊚ 0x02t P02.06 Stator resistance for motor 1 ⊚ 0x02t P02.07 Rotor resistance for motor 1 ⊚ 0x02t

P02.17	Mini. excitation at field weakening	0	0x0211
P02.17	· · · · · · · · · · · · · · · · · · ·	0	0x0211
	Inductance coefficient 1 at field weakening	0	0x0212
P02.19	Inductance coefficient 2 at field weakening		_
P02.20	Overload time coefficient	0	0x0214
P02.21	Overcurrent threshold	0	0x0215
P02.22	Protection selection	0	0x0216
	or 1 vector control parameter group		
Function	Name	Property	Communication
code	Canad lana avanadianal asia 1		address
P03.01	Speed loop proportional gain 1	0	0x0301
P03.02	Speed loop integral time 1	0	0x0302
P03.03	Switchover frequency 1	0	0x0303
P03.04	Speed loop proportional gain 2	0	0x0304
P03.05	Speed loop integral time 2	0	0x0305
P03.06	Switchover frequency 2	0	0x0306
P03.07	Time constant of speed loop filter	0	0x0307
P03.08	Field weakening torque compensation gain	0	0x0308
P03.09	Motor slip gain	0	0x0309
P03.10	Braking slip gain	0	0x030A
P03.11	Upper limit source in speed control mode	0	0x030B
P03.12	Upper limit value in speed control mode	0	0x030C
P03.12	Current loop proportional coefficient	0	0x030D
P03.13		0	0x030D
	Current loop integral coefficient		I OXOSOE
Function	or 1 V/F control parameters group		Communication
code	Name	Property	Communicatio address
P04.00	V/F curve setting	0	0x0400
P04.02	Multi-point V/F frequency 1	0	0x0402
P04.03	Multi-point V/F voltage 1	0	0x0403
P04.03	Multi-point V/F frequency 2	0	0x0403
P04.05	Multi-point V/F voltage 2	0	0x0405
P04.06	Multi-point V/F frequency 3	0	0x0406
P04.07	Multi-point V/F voltage 3	0	0x0407
P04.08	Multi-point V/F frequency 4	0	0x0408
P04.09	Multi-point V/F voltage 4	0	0x0409
P04.11	V/F manual torque boost	0	0x040B
P04.13	Field weakening torque compensation coefficient	0	0x040D
P04.15	Slip compensation gain	0	0x040F
P04.17	Oscillation suppression gain	0	0x0411
P04.19	Flux braking	0	0x0413
P04.20	Voltage source for V/F separation	0	0x0414
P04.21	Voltage digital setting for V/F separation	0	0x0415
P04.21	Voltage rise time of V/F separation	0	0x0413
	Voltage lise time of V/F separation	0	
P04.23	'	_	0x0417
P04.24	Voltage lower limit of V/F separation	0	0x0418
P04.25	Voltage upper limit of V/F separation	0	0x0419
P04.26	Current limit	0	0x041A
P04.27	Current limit switch	0	0x041B
P04.28	VF torque filter coefficient	0	0x041C
P05 inpu	it terminal function parameters group		
Function	Name	Property	Communicatio
code			address
P05.00	DI1(Digital input) function selection	0	0x0500
P05.01	DI2(Digital input) function selection	0	0x0501
P05.02	DI3(Digital input) function selection	0	0x0502
P05.03	DI4(Digital input) function selection	0	0x0503
P05.04	DI5(Digital input) function selection	0	0x0504
P05.05	DI6(Digital input) function selection	0	0x0505
P05.06	HDI1 Digital input function selection	0	0x0506
. 55.50	(optional high-speed pulse input)		5,000
P05.07	DI1~DI4 Digital input Logic selection	0	0x0507
P05.08	DI 5~HDI 1 Digital input Logic selection	0	0x0508
P05.10	DI filter time	0	0x050A
P05.11	Terminal command mode	0	0x050B
P05.13	Al1 voltage lower limit	0	0x050D
P05.14	Al1 lower limit setting	0	0x050E
P05.15	Al1 voltage upper limit	0	0x050F
P05.16	All upper limit setting	0	0x0501
P05.16	All input filter time	0	0x0510
P05.18	Al2 input selection	0	0x0512
P05.19	Al2 voltage lower limit	0	0x0513
P05.20	AI2 voltage lower limit setting	0	0x0514
	AI2 voltage upper limit	0	0x0515
P05.21		-	UX UU I U
P05.21 P05.22	Al2 voltage upper limit setting	0	0x0516

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P05.24	Al2 ourrant lower limit	0	0.0510
P05.24 P05.25	Al2 current lower limit Al2 current lower limit setting	0	0x0518 0x0519
P05.26	Al2 current upper limit	0	0x0517
P05.27	Al2 current upper limit setting	0	0x051B
P05.28	Al3 voltage lower limit	0	0x051C
P05.29	Al3 voltage lower limit setting	0	0x051D
P05.30	Al3 voltage upper limit	0	0x051E
P05.31	Al3 voltage upper limit setting	0	0x051F
P05.32	Al3 input filter time	0	0x0520
P05.33	High-speed pulse input mini. frequency	0	0x0521 0x0522
P05.34 P05.35	High-speed pulse input mini. frequency setting High-speed pulse input max. frequency	0	0x0522 0x0523
P05.35	High-speed pulse input max. frequency	0	0x0523
P05.37	High-speed pulse input filter time	0	0x0525
P06 outp	out terminal parameter group		
Function code	Name	Property	Communication address
P06.00	HDO1 output mode selection	0	0x0600
P06.02	Digital output logic selection	0	0x0602
P06.03	Digital output(DO1)	0	0x0603
P06.04	Relay T1 digital output	0	0x0605
P06.05	Digital output (HDO1)	0	0x0604
P06.07	DO1 Digital output delay ON	0	0x0607
P06.08	DO1 Digital output delay OFF	0	0x0608
P06.09	Relay T1 output delay ON	0	0x0609
P06.10	Relay T1 output delay OFF	0	0x060A
P06.11	HDO1 Digital output delay ON	0	0x060B
P06.12 P06.14	HDO1 Digital output delay OFF AO1 function selection	0	0x060C 0x060E
P06.14	AO2 function selection	0	0x060E
P06.16	HDO1 pulse output function selection	0	0x060F
P06.17	AO1 output voltage lower limit	0	0x0611
P06.18	AO1 output voltage lower limit setting	0	0x0612
P06.19	AO1 output voltage upper limit	0	0x0613
P06.20	AO1 output voltage upper limit setting	0	0x0614
P06.21	AO2 output voltage lower limit	0	0x0615
P06.22	AO2 output voltage lower limit setting	0	0x0616
P06.23	AO2 output voltage upper limit	0	0x0617
P06.24	AO2 output voltage upper limit setting	0	0x0618
P06.25	HDO1 mini. output set frequency	0	0x0619
P06.26 P06.27	HDO1 mini. output set value	0	0x061A
P06.27	HDO1 max. output set frequency HDO1 max. output set value	0	0x061B 0x061C
	cess Control PID Function		0,0010
Function	Name	Property	Communication
code			address
P08.00 P08.01	PID setting source PID digital setting	0	0x0800 0x0801
P08.01	PID feedback source	0	0x0801
P08.03	PID action direction	0	0x0802
P08.04	PID setting feedback range	0	0x0804
P08.05	Proportional gain 1	0	0x0805
P08.06			0x0806
. 00.00	Integral time1	0	
P08.07	Integral time1 Differential time 1	0	0x0807
P08.07 P08.08	Differential time 1 Proportional gain 2	0	0x0807 0x0808
P08.07 P08.08 P08.09	Differential time 1 Proportional gain 2 Integral time2	0 0	0x0807 0x0808 0x0809
P08.07 P08.08 P08.09 P08.10	Differential time 1 Proportional gain 2 Integral time2 Differential time 2	0 0 0	0x0807 0x0808 0x0809 0x080A
P08.07 P08.08 P08.09 P08.10 P08.11	Differential time 1 Proportional gain 2 Integral time2 Differential time 2 PID parameter switchover condition	0 0 0	0x0807 0x0808 0x0809 0x080A 0x080B
P08.07 P08.08 P08.09 P08.10 P08.11 P08.12	Differential time 1 Proportional gain 2 Integral time2 Differential time 2 PID parameter switchover condition PID parameter switchover deviation	0 0 0 0	0x0807 0x0808 0x0809 0x080A 0x080B 0x080C
P08.07 P08.08 P08.09 P08.10 P08.11 P08.12 P08.13	Differential time 1 Proportional gain 2 Integral time2 Differential time 2 PID parameter switchover condition PID parameter switchover deviation PID deviation limit	0 0 0 0 0 0 0	0x0807 0x0808 0x0809 0x080A 0x080B 0x080C 0x080D
P08.07 P08.08 P08.09 P08.10 P08.11 P08.12 P08.13 P08.14	Differential time 1 Proportional gain 2 Integral time2 Differential time 2 PID parameter switchover condition PID parameter switchover deviation PID deviation limit PID preset output value	0 0 0 0 0 0 0 0 0	0x0807 0x0808 0x0809 0x080A 0x080B 0x080C 0x080D 0x080D
P08.07 P08.08 P08.09 P08.10 P08.11 P08.12 P08.13 P08.14 P08.15	Differential time 1 Proportional gain 2 Integral time2 Differential time 2 PID parameter switchover condition PID parameter switchover deviation PID deviation limit	0 0 0 0 0 0 0	0x0807 0x0808 0x0809 0x080A 0x080B 0x080C 0x080D 0x080D 0x080F
P08.07 P08.08 P08.09 P08.10 P08.11 P08.12 P08.13 P08.14	Differential time 1 Proportional gain 2 Integral time2 Differential time 2 PID parameter switchover condition PID parameter switchover deviation PID deviation limit PID preset output value PID preset output value holding time	0 0 0 0 0 0 0 0 0 0	0x0807 0x0808 0x0809 0x080A 0x080B 0x080C 0x080D 0x080D
P08.07 P08.08 P08.09 P08.10 P08.11 P08.12 P08.13 P08.14 P08.15 P08.16	Differential time 1 Proportional gain 2 Integral time2 Differential time 2 PID parameter switchover condition PID parameter switchover deviation PID deviation limit PID preset output value PID preset output value holding time Detection value of feedback loss		0x0807 0x0808 0x0809 0x080A 0x080B 0x080C 0x080D 0x080E 0x080F 0x0810
P08.07 P08.08 P08.09 P08.10 P08.11 P08.12 P08.13 P08.14 P08.15 P08.16 P08.17	Differential time 1 Proportional gain 2 Integral time2 Differential time 2 PID parameter switchover condition PID parameter switchover deviation PID deviation limit PID preset output value PID preset output value holding time Detection value of feedback loss Detection time of feedback loss		0x0807 0x0808 0x0809 0x080A 0x080B 0x080C 0x080D 0x080E 0x080F 0x0810 0x0811
P08.07 P08.08 P08.09 P08.10 P08.11 P08.12 P08.13 P08.14 P08.15 P08.16 P08.17 P08.18	Differential time 1 Proportional gain 2 Integral time2 Differential time 2 PID parameter switchover condition PID parameter switchover deviation PID deviation limit PID preset output value PID preset output value holding time Detection value of feedback loss Detection time of feedback loss Detection value of feedback over-limit	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0x0807 0x0808 0x0809 0x080A 0x080B 0x080C 0x080D 0x080E 0x080F 0x0810 0x0811 0x0812
P08.07 P08.08 P08.09 P08.10 P08.11 P08.12 P08.13 P08.14 P08.15 P08.16 P08.17 P08.18 P08.19 P08.20 P08.21	Differential time 1 Proportional gain 2 Integral time2 Differential time 2 PID parameter switchover condition PID parameter switchover deviation PID deviation limit PID preset output value PID preset output value PID preset output value holding time Detection value of feedback loss Detection time of feedback loss Detection value of feedback over-limit Detection time of feedback over-limit PID operation at stop Maximum value of PID outputs in reverse direction	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0x0807 0x0808 0x0809 0x080A 0x080B 0x080C 0x080D 0x080E 0x080F 0x0810 0x0811 0x0812 0x0813
P08.07 P08.08 P08.09 P08.10 P08.11 P08.12 P08.13 P08.14 P08.15 P08.16 P08.17 P08.18 P08.19 P08.20 P08.21	Differential time 1 Proportional gain 2 Integral time2 Differential time 2 PID parameter switchover condition PID parameter switchover deviation PID deviation limit PID preset output value PID preset output value holding time Detection value of feedback loss Detection time of feedback loss Detection value of feedback over-limit Detection time of feedback over-limit PID operation at stop		0x0807 0x0808 0x0809 0x080A 0x080B 0x080C 0x080D 0x080E 0x080F 0x0811 0x0812 0x0813 0x0814
P08.07 P08.08 P08.09 P08.10 P08.11 P08.12 P08.13 P08.14 P08.15 P08.16 P08.17 P08.18 P08.19 P08.20 P08.21	Differential time 1 Proportional gain 2 Integral time2 Differential time 2 PID parameter switchover condition PID parameter switchover deviation PID deviation limit PID preset output value PID preset output value PID preset output value holding time Detection value of feedback loss Detection time of feedback loss Detection value of feedback over-limit Detection time of feedback over-limit PID operation at stop Maximum value of PID outputs in reverse direction		0x0807 0x0808 0x0809 0x080A 0x080B 0x080C 0x080D 0x080E 0x080F 0x0810 0x0811 0x0812 0x0813 0x0814
P08.07 P08.08 P08.09 P08.10 P08.11 P08.12 P08.13 P08.14 P08.15 P08.16 P08.17 P08.18 P08.20 P08.21 P09 spec	Differential time 1 Proportional gain 2 Integral time2 Differential time 2 PID parameter switchover condition PID parameter switchover deviation PID deviation limit PID preset output value PID preset output value holding time Detection value of feedback loss Detection time of feedback over-limit Detection time of feedback over-limit PID operation at stop Maximum value of PID outputs in reverse direction cial function parameter group		0x0807 0x0808 0x0809 0x080A 0x080B 0x080C 0x080D 0x080E 0x080F 0x0811 0x0812 0x0813 0x0814 0x0815
P08.07 P08.08 P08.09 P08.10 P08.11 P08.12 P08.13 P08.14 P08.15 P08.16 P08.17 P08.18 P08.20 P08.21 P09 spec	Differential time 1 Proportional gain 2 Integral time2 Differential time 2 PID parameter switchover condition PID parameter switchover deviation PID deviation limit PID preset output value PID preset output value holding time Detection value of feedback loss Detection time of feedback loss Detection value of feedback over-limit Detection time of feedback over-limit PID operation at stop Maximum value of PID outputs in reverse direction cial function parameter group	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0x0807 0x0808 0x0809 0x080A 0x080B 0x080C 0x080D 0x080E 0x080F 0x0811 0x0812 0x0813 0x0814 0x0815
P08.07 P08.08 P08.09 P08.10 P08.11 P08.12 P08.13 P08.14 P08.15 P08.16 P08.17 P08.18 P08.20 P08.21 P09 spec	Differential time 1 Proportional gain 2 Integral time2 Differential time 2 PID parameter switchover condition PID parameter switchover deviation PID deviation limit PID preset output value PID preset output value holding time Detection value of feedback loss Detection time of feedback loss Detection value of feedback over-limit Detection time of feedback over-limit PID operation at stop Maximum value of PID outputs in reverse direction cital function parameter group Name Frequency detection value 1 (FDT1)	0 0 0 0 0 0 0 0 0 0 0 0	0x0807 0x0808 0x0809 0x080A 0x080B 0x080C 0x080D 0x080E 0x080F 0x0811 0x0812 0x0813 0x0814 0x0815

P09.04	Detection range of frequency reached	0	0x0904
P09.04		0	0x0904 0x0905
	Swing frequency setting mode	_	
P09.06	Swing frequency amplitude	0	0x0906
P09.07	Jump frequency amplitude	0	0x0907
P09.08	Swing frequency rising time	0	0x0908
P09.09	Swing frequency falling time	0	0x0909
P09.10	Set length	0	0x090A
P09.11	Number of pulses per length unit (unit 0.1)	0	0x090B
P09.12	Reserved	•	0x090C
P09.13	Set count value	0	0x090D
P09.14	Designated count value	0	_
		_	0x090E
P09.15	Droop control	0	0x090F
P09.16	Accumulative running time reached	0	0x0910
P09.17	Accumulative power-on time reached	0	0x0911
P09.18	Current running time reached	0	0x0912
P09.19	Current power-on time reached	0	0x0913
P09.20	Action after accumulative power-on/running time reached	0	0x0914
P09.21	Frequency reached	0	0x0915
P09.22	Detection range of frequency reached	0	0x0916
	ration panel and display parameters group		0.0710
	Tadon panerand display parameters group		Communicat
Function code	Name	Property	Communicat address
P10.00	User password	0	
P10.00	STOP/RESET key function	0	0x0A01
	-	0	0x0A01
P10.02	FUN Key function selection	_	
P10.03	LED running display	0	0x0A03
P10.04	LED stop display	0	0x0A04
P10.05	Load speed display coefficient	0	0x0A05
P11 Mult	i-Reference parameters group		
Function	Name	Property	Communicat
code			address
P11.00	Multi-Reference source 0	0	0x0B00
P11.01	Reference 0	0	0x0B01
P11.02	Reference 1	0	0x0B02
P11.03	Reference 2	0	0x0B03
P11.04	Reference 3	0	0x0B04
P11.05	Reference 4	0	0x0B05
P11.06	Reference 5	0	0x0B06
		0	
P11.07	Reference 6		0x0B07
P11.08	Reference 7	0	0x0B08
P11.09	Reference 8	0	0x0B09
P11.10	Reference 9	0	0x0B0A
P11.11	Reference 10	0	0x0B0B
P11.12	Reference 11	0	0x0B0C
P11.13	Reference 12	0	0x0B0D
P11.14	Reference 13	0	0x0B0E
P11.15	Reference 14	0	0x0B0F
	Reference15	0	
P11.16			0x0B10
	ple PLC function parameters group		la
Function code	Name	Property	Communicat address
P12.00	Simple DLC supplies mode		
	Simple PLC running mode	0	0x0C00
P12.01	Simple PLC retentive selection	0	0x0C01
P12.02	Time unit of simple PLC running	0	0x0C02
P12.04	Running time of simple PLC reference 0	0	0x0C04
	Acceleration/deceleration time of simple PLC reference 0	0	0x0C05
P12.05		0	0x0C06
P12.05 P12.06	Running time of simple PLC reference 1		0x0C07
	Running time of simple PLC reference 1 Acceleration/deceleration time of simple PLC reference 1	0	
P12.06 P12.07	Acceleration/deceleration time of simple PLC reference 1	0	0x0C08
P12.06 P12.07 P12.08	Acceleration/deceleration time of simple PLC reference 1 Running time of simple PLC reference 2	0	
P12.06 P12.07 P12.08 P12.09	Acceleration/deceleration time of simple PLC reference 1 Running time of simple PLC reference 2 Acceleration/deceleration time of simple PLC reference 2	0	0x0C09
P12.06 P12.07 P12.08 P12.09 P12.10	Acceleration/deceleration time of simple PLC reference 1 Running time of simple PLC reference 2 Acceleration/deceleration time of simple PLC reference 2 Running time of simple PLC reference 3	0	0x0C09 0x0C0A
P12.06 P12.07 P12.08 P12.09 P12.10 P12.11	Acceleration/deceleration time of simple PLC reference 1 Running time of simple PLC reference 2 Acceleration/deceleration time of simple PLC reference 2 Running time of simple PLC reference 3 Acceleration/deceleration time of simple PLC reference 3	0 0	0x0C09 0x0C0A 0x0C0B
P12.06 P12.07 P12.08 P12.09 P12.10 P12.11 P12.12	Acceleration/deceleration time of simple PLC reference 1 Running time of simple PLC reference 2 Acceleration/deceleration time of simple PLC reference 2 Running time of simple PLC reference 3 Acceleration/deceleration time of simple PLC reference 3 Running time of simple PLC reference 4	0	0x0C09 0x0C0A 0x0C0B 0x0C0C
P12.06 P12.07 P12.08 P12.09 P12.10 P12.11	Acceleration/deceleration time of simple PLC reference 1 Running time of simple PLC reference 2 Acceleration/deceleration time of simple PLC reference 2 Running time of simple PLC reference 3 Acceleration/deceleration time of simple PLC reference 3	0 0	0x0C09 0x0C0A 0x0C0B 0x0C0C
P12.06 P12.07 P12.08 P12.09 P12.10 P12.11 P12.12	Acceleration/deceleration time of simple PLC reference 1 Running time of simple PLC reference 2 Acceleration/deceleration time of simple PLC reference 2 Running time of simple PLC reference 3 Acceleration/deceleration time of simple PLC reference 3 Running time of simple PLC reference 4	0 0 0	0x0C09 0x0C0A 0x0C0B 0x0C0C
P12.06 P12.07 P12.08 P12.09 P12.10 P12.11 P12.12 P12.13	Acceleration/deceleration time of simple PLC reference 1 Running time of simple PLC reference 2 Acceleration/deceleration time of simple PLC reference 2 Running time of simple PLC reference 3 Acceleration/deceleration time of simple PLC reference 3 Running time of simple PLC reference 4 Acceleration/deceleration time of simple PLC reference 4	0 0 0 0 0	0x0C09 0x0C0A 0x0C0B 0x0C0C 0x0C0C 0x0C0D
P12.06 P12.07 P12.08 P12.09 P12.10 P12.11 P12.12 P12.13 P12.14 P12.15	Acceleration/deceleration time of simple PLC reference 1 Running time of simple PLC reference 2 Acceleration/deceleration time of simple PLC reference 2 Running time of simple PLC reference 3 Acceleration/deceleration time of simple PLC reference 3 Running time of simple PLC reference 4 Acceleration/deceleration time of simple PLC reference 4 Running time of simple PLC reference 5 Acceleration/deceleration time of simple PLC reference 5	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0x0C09 0x0C0A 0x0C0B 0x0C0C 0x0C0D 0x0C0D 0x0C0E
P12.06 P12.07 P12.08 P12.09 P12.10 P12.11 P12.12 P12.13 P12.14 P12.15 P12.16	Acceleration/deceleration time of simple PLC reference 1 Running time of simple PLC reference 2 Acceleration/deceleration time of simple PLC reference 2 Running time of simple PLC reference 3 Acceleration/deceleration time of simple PLC reference 3 Running time of simple PLC reference 4 Acceleration/deceleration time of simple PLC reference 4 Running time of simple PLC reference 5 Acceleration/deceleration time of simple PLC reference 5 Running time of simple PLC reference 5 Running time of simple PLC reference 6	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0x0C09 0x0C0A 0x0C0B 0x0C0C 0x0C0D 0x0C0E 0x0C0F 0x0C10
P12.06 P12.07 P12.08 P12.09 P12.10 P12.11 P12.12 P12.13 P12.14 P12.15 P12.16 P12.17	Acceleration/deceleration time of simple PLC reference 1 Running time of simple PLC reference 2 Acceleration/deceleration time of simple PLC reference 2 Running time of simple PLC reference 3 Acceleration/deceleration time of simple PLC reference 3 Running time of simple PLC reference 4 Acceleration/deceleration time of simple PLC reference 4 Running time of simple PLC reference 5 Acceleration/deceleration time of simple PLC reference 5 Running time of simple PLC reference 6 Acceleration/deceleration time of simple PLC reference 6		0x0C09 0x0C0A 0x0C0B 0x0C0C 0x0C0D 0x0C0E 0x0C0E 0x0C0F 0x0C10
P12.06 P12.07 P12.08 P12.09 P12.10 P12.11 P12.12 P12.13 P12.14 P12.15 P12.16 P12.17 P12.18	Acceleration/deceleration time of simple PLC reference 1 Running time of simple PLC reference 2 Acceleration/deceleration time of simple PLC reference 2 Running time of simple PLC reference 3 Acceleration/deceleration time of simple PLC reference 3 Running time of simple PLC reference 4 Acceleration/deceleration time of simple PLC reference 4 Running time of simple PLC reference 5 Acceleration/deceleration time of simple PLC reference 5 Running time of simple PLC reference 6 Acceleration/deceleration time of simple PLC reference 6 Running time of simple PLC reference 6 Running time of simple PLC reference 7		0x0C09 0x0C0A 0x0C0B 0x0C0C 0x0C0D 0x0C0E 0x0C0E 0x0C0F 0x0C10 0x0C11
P12.06 P12.07 P12.08 P12.09 P12.10 P12.11 P12.12 P12.13 P12.14 P12.15 P12.16 P12.17 P12.18 P12.19	Acceleration/deceleration time of simple PLC reference 1 Running time of simple PLC reference 2 Acceleration/deceleration time of simple PLC reference 2 Running time of simple PLC reference 3 Acceleration/deceleration time of simple PLC reference 3 Running time of simple PLC reference 4 Acceleration/deceleration time of simple PLC reference 4 Running time of simple PLC reference 5 Acceleration/deceleration time of simple PLC reference 5 Running time of simple PLC reference 6 Acceleration/deceleration time of simple PLC reference 6 Running time of simple PLC reference 7 Acceleration/deceleration time of simple PLC reference 7		0x0C09 0x0C0A 0x0C0B 0x0C0C 0x0C0B 0x0C0E 0x0C0E 0x0C10 0x0C11 0x0C12
P12.06 P12.07 P12.08 P12.09 P12.10 P12.11 P12.12 P12.13 P12.14 P12.15 P12.16 P12.17 P12.18	Acceleration/deceleration time of simple PLC reference 1 Running time of simple PLC reference 2 Acceleration/deceleration time of simple PLC reference 2 Running time of simple PLC reference 3 Acceleration/deceleration time of simple PLC reference 3 Running time of simple PLC reference 4 Acceleration/deceleration time of simple PLC reference 4 Running time of simple PLC reference 5 Acceleration/deceleration time of simple PLC reference 5 Running time of simple PLC reference 6 Acceleration/deceleration time of simple PLC reference 6 Running time of simple PLC reference 6 Running time of simple PLC reference 7		0x0C09 0x0C0A 0x0C0B 0x0C0C 0x0C0B 0x0C0E 0x0C0E 0x0C10 0x0C11 0x0C12
P12.06 P12.07 P12.08 P12.09 P12.10 P12.11 P12.12 P12.13 P12.14 P12.15 P12.16 P12.17 P12.18 P12.19	Acceleration/deceleration time of simple PLC reference 1 Running time of simple PLC reference 2 Acceleration/deceleration time of simple PLC reference 2 Running time of simple PLC reference 3 Acceleration/deceleration time of simple PLC reference 3 Running time of simple PLC reference 4 Acceleration/deceleration time of simple PLC reference 4 Running time of simple PLC reference 5 Acceleration/deceleration time of simple PLC reference 5 Running time of simple PLC reference 6 Acceleration/deceleration time of simple PLC reference 6 Running time of simple PLC reference 7 Acceleration/deceleration time of simple PLC reference 7		0x0C09 0x0C0A 0x0C0B 0x0C0C 0x0C0C 0x0C0C 0x0C0C 0x0C0C 0x0C1 0x0C11 0x0C12 0x0C13
P12.06 P12.07 P12.08 P12.09 P12.10 P12.11 P12.12 P12.13 P12.14 P12.15 P12.16 P12.17 P12.18 P12.19 P12.20	Acceleration/deceleration time of simple PLC reference 1 Running time of simple PLC reference 2 Acceleration/deceleration time of simple PLC reference 2 Running time of simple PLC reference 3 Acceleration/deceleration time of simple PLC reference 3 Running time of simple PLC reference 4 Acceleration/deceleration time of simple PLC reference 4 Running time of simple PLC reference 5 Acceleration/deceleration time of simple PLC reference 5 Running time of simple PLC reference 6 Acceleration/deceleration time of simple PLC reference 6 Running time of simple PLC reference 7 Acceleration/deceleration time of simple PLC reference 7 Running time of simple PLC reference 8		0x0C08 0x0C09 0x0C0A 0x0C0B 0x0C0C 0x0C0D 0x0C0E 0x0C0F 0x0C10 0x0C11 0x0C12 0x0C13 0x0C14 0x0C15 0x0C15
P12.06 P12.07 P12.08 P12.09 P12.10 P12.11 P12.12 P12.13 P12.14 P12.15 P12.16 P12.17 P12.18 P12.19 P12.20 P12.21	Acceleration/deceleration time of simple PLC reference 1 Running time of simple PLC reference 2 Acceleration/deceleration time of simple PLC reference 2 Running time of simple PLC reference 3 Acceleration/deceleration time of simple PLC reference 3 Running time of simple PLC reference 4 Acceleration/deceleration time of simple PLC reference 4 Running time of simple PLC reference 5 Acceleration/deceleration time of simple PLC reference 5 Running time of simple PLC reference 6 Acceleration/deceleration time of simple PLC reference 6 Running time of simple PLC reference 7 Acceleration/deceleration time of simple PLC reference 7 Running time of simple PLC reference 8 Acceleration/deceleration time of simple PLC reference 8		0x0C09 0x0C0A 0x0C0B 0x0C0C 0x0C0C 0x0C0C 0x0C0C 0x0C0F 0x0C10 0x0C11 0x0C12 0x0C14 0x0C15

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P12.25	Acceleration/deceleration time of simple PLC reference 10	0	0x0C19
P12.26	Running time of simple PLC reference 11	0	0x0C1A
P12.27	Acceleration/deceleration time of simple PLC reference 11	0	0x0C1B
P12.28	Running time of simple PLC reference 12	0	0x0C1C
P12.29	Acceleration/deceleration time of simple PLC reference 12	0	0x0C1D
P12.30	Running time of simple PLC reference 13	0	0x0C1E
P12.31	Acceleration/deceleration time of simple PLC reference 13	0	0x0C1F
P12.32	Running time of simple PLC reference 14	0	0x0C20
P12.33	Acceleration/deceleration time of simple PLC reference 14	0	0x0C21
P12.34	Running time of simple PLC reference 15	0	0x0C22
P12.35	Acceleration/deceleration time of simple PLC reference 15	0	0x0C23
	It and protection function parameter group		
Function code	Name	Property	Communication address
P13.01	Overload warning selection	0	0x0D01
P13.02	Overload warning detection level	0	0x0D02
P13.03	Detection time of overload warning	0	0x0D03
P13.04	Phase loss protection	0	0x0D04
P13.05	Light load warning selection	0	0x0D05
P13.06	Light load warning detection level	0	0x0D06
P13.07	Detection time of light load warning	0	0x0D07
P13.09	Short-circuit to ground upon power-on	0	0x0D09
P13.10~P			
P13.17	Cooling fan control	0	0x0D11
P13.18	Reserved		
P13.19	Under-voltage setting	0	0x0D13
P13.20	Fault auto reset times	0	0x0D14
P13.21	DO action during fault auto reset	0	0x0D15
P13.22	Time interval of fault auto reset	0	0x0D16
P13.23	voltage adjustment selection	0	0x0D17
P13.24	Overvoltage stall protective voltage	0	0x0D18
P13.25	Energy braking action selection	0	0x0D19
P13.26	Energy braking protective voltage	0	0x0D1A
P13.27	Overvoltage stall gain Fault record selection	0	0x0D1B
P13.30 P13.31	Fault code	•	0x0D1E 0x0D1F
P13.31	Running frequency upon fault	•	0x0D1F
P13.33	Output current upon fault	•	0x0D20
P13.34	Bus voltage upon fault	•	0x0D21
P13.35	Output voltage upon fault	•	0x0D22
P13.36	Input terminal status upon fault	•	0x0D24
P13.37	Output terminal status upon fault	•	0x0D25
P13.38	Module temperature	•	0x0D26
P13.39	Accumulative running time upon fault (hour)	•	0x0D27
P13.40	Accumulative running time upon fault (second)	•	0x0D28
P14 com	munication parameters group		
Function	Name	Property	Communication
code P14.01	Baud rate	0	address 0x0E01
P14.01	Data format	0	0x0E02
P14.03	Local address	0	0x0E03
P14.04	Response delay	0	0x0E04
P14.05	Communication timeout	0	0x0E05
P14.06	Communication fault processing	0	0x0E06
	us monitoring parameters group		
Function		Property	Communication
Function code	Name	Property	address
Function code P26.00	Name Running frequency	•	address 0x1A00
Function code P26.00 P26.01	Name Running frequency Set frequency	•	0x1A00 0x1A01
Function code P26.00 P26.01 P26.02	Name Running frequency Set frequency Bus voltage	•	0x1A00 0x1A01 0x1A02
Function code P26.00 P26.01 P26.02 P26.03	Name Running frequency Set frequency Bus voltage Output voltage	•	0x1A00 0x1A01 0x1A01 0x1A02 0x1A03
P26.00 P26.01 P26.02 P26.03 P26.04	Name Running frequency Set frequency Bus voltage Output voltage Output current	•	0x1A00 0x1A01 0x1A02 0x1A03 0x1A04
P26.00 P26.01 P26.02 P26.03 P26.04 P26.05	Name Running frequency Set frequency Bus voltage Output voltage Output current Output power	•	0x1A00 0x1A01 0x1A02 0x1A03 0x1A04 0x1A05
Function code P26.00 P26.01 P26.02 P26.03 P26.04 P26.05 P26.06	Name Running frequency Set frequency Bus voltage Output voltage Output current Output power Set torque (%)	•	address 0x1A00 0x1A01 0x1A02 0x1A03 0x1A04 0x1A05 0x1A06
Function code P26.00 P26.01 P26.02 P26.03 P26.04 P26.05 P26.06 P26.07	Name Running frequency Set frequency Bus voltage Output voltage Output current Output power Set torque (%) Output torque (%)	•	address 0x1A00 0x1A01 0x1A02 0x1A03 0x1A04 0x1A05 0x1A06 0x1A07
Function code P26.00 P26.01 P26.02 P26.03 P26.04 P26.05 P26.06 P26.07 P26.08	Name Running frequency Set frequency Bus voltage Output voltage Output current Output power Set torque (%) Output torque (%) PID setting	•	address 0x1A00 0x1A01 0x1A02 0x1A03 0x1A04 0x1A05 0x1A06 0x1A07 0x1A08
Function code P26.00 P26.01 P26.02 P26.03 P26.04 P26.05 P26.06 P26.07 P26.08 P26.09	Name Running frequency Set frequency Bus voltage Output voltage Output current Output power Set torque (%) Output torque (%) PID setting PID feedback	•	address 0x1A00 0x1A01 0x1A02 0x1A03 0x1A04 0x1A05 0x1A06 0x1A07 0x1A08 0x1A09
Function code P26.00 P26.01 P26.02 P26.03 P26.04 P26.05 P26.06 P26.07 P26.08 P26.09 P26.10	Name Running frequency Set frequency Bus voltage Output voltage Output current Output power Set torque (%) Output torque (%) PID setting PID feedback Output speed	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	address 0x1A00 0x1A01 0x1A02 0x1A03 0x1A04 0x1A05 0x1A06 0x1A07 0x1A08 0x1A09 0x1A0A
Function code P26.00 P26.01 P26.02 P26.03 P26.04 P26.05 P26.06 P26.07 P26.08 P26.09 P26.10 P26.11	Name Running frequency Set frequency Bus voltage Output voltage Output current Output power Set torque (%) Output torque (%) PID setting PID feedback Output speed DI state	•	address 0x1A00 0x1A01 0x1A02 0x1A03 0x1A04 0x1A05 0x1A06 0x1A07 0x1A08 0x1A08 0x1A09
Function code P26.00 P26.01 P26.02 P26.03 P26.04 P26.05 P26.06 P26.07 P26.08 P26.09 P26.10 P26.11 P26.12	Running frequency Set frequency Bus voltage Output voltage Output current Output power Set torque (%) Output torque (%) PID setting PID feedback Output speed DI state DO state	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	address 0x1A00 0x1A01 0x1A02 0x1A03 0x1A04 0x1A05 0x1A06 0x1A07 0x1A08 0x1A09 0x1A0A0 0x1A0A0 0x1A0A0
Function code P26.00 P26.01 P26.02 P26.03 P26.04 P26.05 P26.06 P26.07 P26.08 P26.09 P26.10 P26.11 P26.12 P26.13	Name Running frequency Set frequency Bus voltage Output voltage Output current Output power Set torque (%) Output torque (%) PID setting PID feedback Output speed DI state DO state Al1 input	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	address 0x1A00 0x1A01 0x1A02 0x1A03 0x1A04 0x1A05 0x1A06 0x1A07 0x1A08 0x1A08 0x1A09 0x1A0A 0x1A0B 0x1A0B
Function code P26.00 P26.01 P26.02 P26.03 P26.04 P26.05 P26.06 P26.07 P26.08 P26.09 P26.10 P26.11 P26.12 P26.13 P26.14	Running frequency Set frequency Bus voltage Output voltage Output current Output power Set torque (%) Output torque (%) PID setting PID feedback Output speed DI state DO state Al1 input Al2 input	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	address 0x1A00 0x1A01 0x1A02 0x1A03 0x1A04 0x1A05 0x1A06 0x1A07 0x1A08 0x1A0A 0x1A0A 0x1A0A 0x1A0A 0x1A0A 0x1A0B 0x1A0C 0x1A0C
Function code P26.00 P26.01 P26.02 P26.03 P26.04 P26.05 P26.06 P26.07 P26.08 P26.09 P26.10 P26.11 P26.12 P26.13	Name Running frequency Set frequency Bus voltage Output voltage Output current Output power Set torque (%) Output torque (%) PID setting PID feedback Output speed DI state DO state Al1 input	0 0 0 0 0 0	address 0x1A00 0x1A01 0x1A02 0x1A03 0x1A04 0x1A05 0x1A06 0x1A07 0x1A08 0x1A08 0x1A09 0x1A0A 0x1A0B 0x1A0B

Function code	Name	Property	Communication address
P26.18	Reserved	•	0x1A12
P26.19	PULSE-IN frequency (0.01KHz)	•	0x1A13
P26.20	PULSE-OUT frequency (0.01KHz)	•	0x1A14
P26.21	Count value	•	0x1A15
P26.23	Length value	•	0x1A17
P26.24	Load speed lower byte	•	0x1A18
P26.25	Load speed high byte	•	0x1A19
P26.26	PLC stage	•	0x1A1A
P26.27	PLC stage	•	0x1A1B
P26.28	Frequency source B	•	0x1A1C
P26.29	Output synchronous frequency	•	0x1A1D
P26.30	Current running time	•	0x1A1E
P26.31	Current power-on time	•	0x1A1F
P26.32	Accumulative running time	•	0x1A20
P26.33	Accumulative power-on time	•	0x1A21
P26.34	Product code	•	0x1A22
P26.35	Software version No. of drive	•	0x1A23
P26.36	Rated power of inverter	•	0x1A24
P26.37	Rated voltage of inverter	•	0x1A25
P26.38	Rated current of inverter	•	0x1A26
P26.39	Module temperature 1	•	0x1A27
P26.40	Module temperature 2	•	0x1A28
P26.41	Software version No. of operation panel	•	0x1A29
P26.42	Software code	•	0x1A2A

