

A6 Family

Table of Part Numbers and Options

80 mm sq. or less 50 W to 1000 W

MSMF, MQMF, MHMF: Leadwire type IP65

Motor				Driver				Optional parts										Options												
Motor series	Power supply	Output (W)	Part No. (Note)1	Rating/Spec. Dimensions (page)	A6 SF series Multi function type (Pulse, analog, full-closed)	A6 SG series RS485 communication A6 SE series Basic (Pulse signal input) (Note)2, (Note)4	Frame	Power capacity (at rated load) (kVA)	Encoder Cable (Note)3		Motor Cable (Note)3		Brake Cable (Note)3	External Regenerative Resistor	Reactor (Single phase / 3-phase)	Noise Filter (Single phase / 3-phase)	Title	Part No.	Page											
									23-bit Absolute		without Brake	with Brake								Use in the absolute system (with battery box) (Note)5	Use in the Incremental system (without battery box)									
									Use in the absolute system (with battery box) (Note)5	Use in the Incremental system (without battery box)																				
Low inertia MSMF (Leadwire type) 3000 r/min IP65	Single phase 100 V	50	MSMF5AZL1 □ 2	51	MADLT01SF	MADLN01S◇	A-frame	Approx. 0.4	MFECA 0 * * 0EAE (For fixed)	MFECA 0 * * 0EAD (For fixed)			DV0P4280	DV0P227	DV0P4170															
		100	MSMF011L1 □ 2	53	MADLT11SF	MADLN11S◇	A-frame	Approx. 0.4																						
		200	MSMF021L1 □ 2	55	MBDLT21SF	MBDLN21S◇	B-frame	Approx. 0.5																						
		400	MSMF041L1 □ 2	57	MCDLT31SF	MCDLN31S◇	C-frame	Approx. 0.9																						
	Single phase/ 3-phase 200 V	50	MSMF5AZL1 □ 2	52	MADLT05SF	MADLN05S◇	A-frame	Approx. 0.5																						
		100	MSMF012L1 □ 2	54	MADLT05SF	MADLN05S◇	A-frame	Approx. 0.5																						
		200	MSMF022L1 □ 2	56	MADLT15SF	MADLN15S◇	A-frame	Approx. 0.5																						
		400	MSMF042L1 □ 2	58	MBDLT25SF	MBDLN25S◇	B-frame	Approx. 0.9																						
		750	MSMF082L1 □ 2	59	MCDLT35SF	MCDLN35S◇	C-frame	Approx. 1.3																						
		1000	MSMF092L1 □ 2	60	MDDLT45SF	MDDLN45S◇	D-frame	Approx. 1.8																						
Middle inertia MQMF (Leadwire type) 3000 r/min IP65	Single phase 100 V	100	MQMF011L1 □ 2 MQMF011L1 □ 4	67	MADLT11SF	MADLN11S◇	A-frame	Approx. 0.4	MFECA 0 * * 0EAE (For fixed)	MFECA 0 * * 0EAD (For fixed)			DV0P4280	DV0P227	DV0P4170															
		200	MQMF021L1 □ 2 MQMF021L1 □ 4	69	MBDLT21SF	MBDLN21S◇	B-frame	Approx. 0.5																						
		400	MQMF041L1 □ 2 MQMF041L1 □ 4	71	MCDLT31SF	MCDLN31S◇	C-frame	Approx. 0.9																						
	Single phase/ 3-phase 200 V	100	MQMF012L1 □ 2 MQMF012L1 □ 4	68	MADLT05SF	MADLN05S◇	A-frame	Approx. 0.5																						
		200	MQMF022L1 □ 2 MQMF022L1 □ 4	70	MADLT15SF	MADLN15S◇	A-frame	Approx. 0.5																						
		400	MQMF042L1 □ 2 MQMF042L1 □ 4	72	MBDLT25SF	MBDLN25S◇	B-frame	Approx. 0.9																						
		High inertia MHMF (Leadwire type) 3000 r/min IP65	Single phase 100 V	50	MHMF5AZL1 □ 2 MHMF5AZL1 □ 4	73	MADLT01SF	MADLN01S◇											A-frame	Approx. 0.4	MFECA 0 * * 0EAE (For fixed)	MFECA 0 * * 0EAD (For fixed)			DV0P4280	DV0P227	DV0P4170			
				100	MHMF011L1 □ 2 MHMF011L1 □ 4	75	MADLT11SF	MADLN11S◇											A-frame	Approx. 0.4										
				200	MHMF021L1 □ 2 MHMF021L1 □ 4	77	MBDLT21SF	MBDLN21S◇											B-frame	Approx. 0.5										
				400	MHMF041L1 □ 2 MHMF041L1 □ 4	79	MCDLT31SF	MCDLN31S◇											C-frame	Approx. 0.9										
Single phase/ 3-phase 200 V	50		MHMF5AZL1 □ 2 MHMF5AZL1 □ 4	74	MADLT05SF	MADLN05S◇	A-frame	Approx. 0.5																						
	100		MHMF012L1 □ 2 MHMF012L1 □ 4	76	MADLT05SF	MADLN05S◇	A-frame	Approx. 0.5																						
	200		MHMF022L1 □ 2 MHMF022L1 □ 4	78	MADLT15SF	MADLN15S◇	A-frame	Approx. 0.5																						
	400		MHMF042L1 □ 2 MHMF042L1 □ 4	80	MBDLT25SF	MBDLN25S◇	B-frame	Approx. 0.9																						
	750		MHMF082L1 □ 2 MHMF082L1 □ 4	81	MCDLT35SF	MCDLN35S◇	C-frame	Approx. 1.3																						
	1000		MHMF092L1 □ 2 MHMF092L1 □ 4	82	MDDLT55SF	MDDLN55S◇	D-frame	Approx. 2.3																						

Note)1 □ : Represents the motor specifications. (refer to "Model designation" P.18.)

Note)2 ◇ : Represents the driver specifications. (refer to "Model designation" P.18.)

Note)3 * * : Represents the cable length (03/3 m, 05/5 m, 10/10 m, 20/20 m). Example. 3 m/MFCEA0030EAE

Note)4 Because A6SE series driver (dedicated for position control) does not support the absolute system specification, only incremental system can be used in combination.

Note)5 Please note that a battery is not supplied together with 23-bit absolute encoder cable (with battery box). Please buy the battery part number "DV0P2990" separately.

A6 Family

E Series

Information

A6 Family

Table of Part Numbers and Options

80 mm sq. or less 50 W to 1000 W

MSMF, MQMF: Connector type IP67

Motor					Driver			Optional parts									
Motor series	Power supply	Output (W)	Part No. Note)1	Rating/Spec. Dimensions (page)	A6 SF series Multi function type (Pulse, analog, full-closed)	A6 SG series RS485 communication A6 SE series Basic (Pulse signal input) Note)2, Note)5	Frame	Power capacity (at rated load) (kVA)	Encoder Cable Note)3		Motor Cable Note)3		Brake Cable Note)3	External Regenerative Resistor	Reactor (Single phase 3-phase)	Noise Filter (Single phase 3-phase)	
									23-bit Absolute		without Brake	with Brake					
									Use in the absolute system (with battery box) Note)6	Use in the incremental system (without battery box)							
Low Inertia MSMF (Connector type) 3000 r/min IP67	Single phase 100 V	50	MSMF5AZL1 □ 1	51 100	MADLT01SF	MADLN01S◇	A-frame	Approx. 0.4	MFECA 0 * * 0MJE (For movable, direction of motor shaft)	MFECA 0 * * 0MJD (For movable, direction of motor shaft)	MFCA 0 * * 0NJD (For movable, direction of motor shaft)	MFMCB 0 * * 0PJT (For movable, direction of motor shaft)	DV0P4280	DV0P227	DV0P4170		
		100	MSMF011L1 □ 1	53 100	MADLT11SF	MADLN11S◇											
		200	MSMF021L1 □ 1	55 100	MBDLT21SF	MBDLN21S◇										B-frame	Approx. 0.5
		400	MSMF041L1 □ 1	57 101	MCDLT31SF	MCDLN31S◇											
	Single phase/ 3-phase 200 V	50	MSMF5AZL1 □ 1	52 100	MADLT05SF	MADLN05S◇	A-frame	Approx. 0.5	MFECA 0 * * 0MKE (For movable, opposite direction of motor shaft)	MFECA 0 * * 0MKD (For movable, opposite direction of motor shaft)	MFCA 0 * * 0NKD (For movable, opposite direction of motor shaft)	MFMCB 0 * * 0PKT (For movable, opposite direction of motor shaft)	DV0P4281	DV0P227 DV0P220	DV0P4170 DV0PM20042		
		100	MSMF012L1 □ 1	54 100	MADLT05SF	MADLN05S◇											
		200	MSMF022L1 □ 1	56 100	MADLT15SF	MADLN15S◇	B-frame	Approx. 0.9	MFECA 0 * * 0TJE (For fixed, direction of motor shaft)	MFECA 0 * * 0TJD (For fixed, direction of motor shaft)	MFCA 0 * * 0RJD (For fixed, direction of motor shaft)	MFMCB 0 * * 0SJT (For fixed, direction of motor shaft)	DV0P4283	DV0P228 DV0P220	DV0PM20042		
		400	MSMF042L1 □ 1	58 101	MBDLT25SF	MBDLN25S◇										C-frame	Approx. 1.3
		750	MSMF082L1 □ 1	59 101	MCDLT35SF	MCDLN35S◇	D-frame	Approx. 1.8	MFECA 0 * * 0TKE (For fixed, opposite direction of motor shaft)	MFECA 0 * * 0TKD (For fixed, opposite direction of motor shaft)	MFCA 0 * * 0RKD (For fixed, opposite direction of motor shaft)	MFMCB 0 * * 0SKT (For fixed, opposite direction of motor shaft)	DV0P4284	DV0P228 DV0P222	DV0P4220		
		1000	MSMF092L1 □ 1	60 101	MDDLT45SF	MDDLN45S◇											
		Middle Inertia Flat type MQMF (Connector type) 3000 r/min IP67	Single phase 100 V	100	MQMF011L1 □ 1 MQMF011L1 □ 3	67 104	MADLT11SF	MADLN11S◇	A-frame	Approx. 0.4	MFECA 0 * * 0MJE (For movable, direction of motor shaft)	MFECA 0 * * 0MJD (For movable, direction of motor shaft)	MFCA 0 * * 0UFD (For movable, direction of motor shaft)	MFCA 0 * * 0VFD (For movable, direction of motor shaft)	DV0P4280	DV0P227	DV0P4170
				200	MQMF021L1 □ 1 MQMF021L1 □ 3	69 104	MBDLT21SF	MBDLN21S◇									
400	MQMF041L1 □ 1 MQMF041L1 □ 3			71 105	MCDLT31SF	MCDLN31S◇	C-frame	Approx. 0.9									
100	MQMF012L1 □ 1 MQMF012L1 □ 3			68 104	MADLT05SF	MADLN05S◇	A-frame	Approx. 0.5									
200	MQMF022L1 □ 1 MQMF022L1 □ 3		70 104	MADLT15SF	MADLN15S◇												
Single phase/ 3-phase 200 V	100		MQMF012L1 □ 1 MQMF012L1 □ 3	68 104	MADLT05SF	MADLN05S◇	A-frame	Approx. 0.5	MFECA 0 * * 0TJE (For fixed, direction of motor shaft)	MFECA 0 * * 0TJD (For fixed, direction of motor shaft)	MFCA 0 * * 0WFD (For fixed, direction of motor shaft)	MFCA 0 * * 0XFD (For fixed, direction of motor shaft)	DV0P4281	DV0P227 DV0P220	DV0P4170 DV0PM20042		
	200		MQMF022L1 □ 1 MQMF022L1 □ 3	70 104	MADLT15SF	MADLN15S◇											
	400		MQMF042L1 □ 1 MQMF042L1 □ 3	72 105	MBDLT25SF	MBDLN25S◇	B-frame	Approx. 0.9	MFECA 0 * * 0WGD (For fixed, opposite direction of motor shaft)	MFECA 0 * * 0XGD (For fixed, opposite direction of motor shaft)	MFCA 0 * * 0WGD (For fixed, opposite direction of motor shaft)	MFCA 0 * * 0XGD (For fixed, opposite direction of motor shaft)	DV0P4283	DV0P228 DV0P220			
	1000		MQMF092L1 □ 1 MQMF092L1 □ 3	74 105	MDDLT45SF	MDDLN45S◇											

Note)1 □ : Represents the motor specifications. (refer to "Model designation" P.18.)

Note)2 ◇ : Represents the driver specifications. (refer to "Model designation" P.18.)

Note)3 * * : Represents the cable length (03/3 m, 05/5 m, 10/10 m, 20/20 m). Example. 3 m/MFCEA0030MJE

Note)4 Cables for opposite to output shaft cannot be used with 50 W or 100 W motor. (MSMF connector type only.)

Note)5 Because A6SE series driver (dedicated for position control) does not support the absolute system specification, only incremental system can be used in combination.

Note)6 Please note that a battery is not supplied together with 23-bit absolute encoder cable (with battery box). Please buy the battery part number "DV0P2990" separately.

Movable : For application where the cable is movable.

Fixed : For application where the cable is fixed.

Direction of motor shaft/Opposite direction of motor shaft : Cable direction

Options

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Connector Kit for Motor Connection	A-frame to D-frame	DV0PM20034	186
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Encoder Cable (with Battery Box) Note)6	For movable, direction of motor shaft	MFECA0 * * 0MJE	172
	For movable, opposite direction of motor shaft	MFECA0 * * 0MKE	172
	For fixed, direction of motor shaft	MFECA0 * * 0TJE	172
	For fixed, opposite direction of motor shaft	MFECA0 * * 0TKE	172
Encoder Cable (without Battery Box)	For movable, direction of motor shaft	MFECA0 * * 0MJD	172
	For movable, opposite direction of motor shaft	MFECA0 * * 0MKD	172
	For fixed, direction of motor shaft	MFECA0 * * 0TJD	172
	For fixed, opposite direction of motor shaft	MFECA0 * * 0TKD	172
Motor Cable (For MSMF type)	For movable, direction of motor shaft	MFCA0 * * 0NJD	175
	For movable, opposite direction of motor shaft	MFCA0 * * 0NKD	175
	For fixed, direction of motor shaft	MFCA0 * * 0RJD	175
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Motor Cable (For MQMF type) (without Brake)	For movable, direction of motor shaft	MFCA0 * * 0UFD	176
	For movable, opposite direction of motor shaft	MFCA0 * * 0UGD	176
	For fixed, direction of motor shaft	MFCA0 * * 0WFD	176
	For fixed, opposite direction of motor shaft	MFCA0 * * 0WGD	176
Motor Cable (For MQMF type) (with Brake)	For movable, direction of motor shaft	MFCA0 * * 0VFD	178
	For movable, opposite direction of motor shaft	MFCA0 * * 0VGD	178
	For fixed, direction of motor shaft	MFCA0 * * 0XFD	178
	For fixed, opposite direction of motor shaft	MFCA0 * * 0XGD	178
Brake Cable	For movable, direction of motor shaft	MFMCB0 * * 0PJT	181
	For movable, opposite direction of motor shaft	MFMCB0 * * 0PKT	181
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Ferite Core	DV0P1460	238	

A6 Family

Table of Part Numbers and Options

80 mm sq. or less 50 W to 1000 W

MHMF: Connector type IP67

Motor					Driver			Power capacity (at rated load) (kVA)	Optional parts																												
Motor series	Power supply	Output (W)	Part No. (Note)1	Rating/Spec. Dimensions (page)	A6 SF series Multi function type (Pulse, analog, full-closed)	A6 SG series RS485 communication A6 SE series Basic (Pulse signal input) (Note)2, (Note)4	Frame		Encoder Cable (Note)3		Motor Cable (Note)3		Brake Cable (Note)3	External Regenerative Resistor	Reactor (Single phase 3-phase)	Noise Filter (Single phase 3-phase)																					
									23-bit Absolute		without Brake	with Brake																									
								Use in the absolute system (with battery box) (Note)5	Use in the incremental system (without battery box)																												
High inertia MHMF (Connector type) 3000 r/min IP67	Single phase 100 V	50	MHMF5AZL1 □ 1	73 109	MADLT01SF	MADLN01S◇	A-frame	Approx. 0.4	MFCA 0 * * 7UFD (Movable/fixed common-use, direction of motor shaft)	MFCA 0 * * 7VFD (Movable/fixed common-use, direction of motor shaft)	MFCA 0 * * 7UGD (Movable/fixed common-use, opposite direction of motor shaft)	MFCA 0 * * 7VGD (Movable/fixed common-use, opposite direction of motor shaft)	DV0P4280	DV0P227	DV0P4170																						
			MHMF011L1 □ 1													MADLT11SF	MADLN11S◇																				
		100	MHMF021L1 □ 1	77 110	MBDLT21SF	MBDLN21S◇	B-frame	Approx. 0.5								MFCA 0 * * 0UFD (For movable, direction of motor shaft)	MFCA 0 * * 0VFD (For movable, direction of motor shaft)	MFCA 0 * * 0UGD (For movable, opposite direction of motor shaft)	MFCA 0 * * 0VGD (For movable, opposite direction of motor shaft)	DV0P4283	DV0P228	DV0P4282	DV0P228	DV0PM20042													
			MHMF021L1 □ 3																						MADLT31SF	MCDLN31S◇											
		400	MHMF041L1 □ 1	79 110	MCDLT31SF	MCDLN31S◇	C-frame	Approx. 0.9																	MFCA 0 * * 0MJE (For movable, direction of motor shaft)	MFCA 0 * * 0MJD (For movable, direction of motor shaft)	MFCA 0 * * 0MKE (For movable, opposite direction of motor shaft)	MFCA 0 * * 0MKD (For movable, opposite direction of motor shaft)	MFCA 0 * * 0WFD (For fixed, direction of motor shaft)	MFCA 0 * * 0XFD (For fixed, direction of motor shaft)	MFCA 0 * * 0WGD (For fixed, opposite direction of motor shaft)	MFCA 0 * * 0XGD (For fixed, opposite direction of motor shaft)	DV0P4281	DV0P227 DV0P220 DV0P4170 DV0PM20042			
			MHMF041L1 □ 3																																MADLT05SF	MADLN05S◇	
	Single phase/ 3-phase 200 V	50	MHMF5AZL1 □ 1	74 109	MADLT05SF	MADLN05S◇	A-frame	Approx. 0.5	MFCA 0 * * 7UFD (Movable/fixed common-use, direction of motor shaft)	MFCA 0 * * 7VFD (Movable/fixed common-use, direction of motor shaft)	MFCA 0 * * 7UGD (Movable/fixed common-use, opposite direction of motor shaft)	MFCA 0 * * 7VGD (Movable/fixed common-use, opposite direction of motor shaft)	DV0P4283	DV0P228 DV0P220	DV0P228																				DV0P220	DV0P228 DV0P220	
			MHMF5AZL1 □ 3																																		MADLT15SF
		100	MHMF012L1 □ 1	76 109	MADLT05SF	MADLN05S◇	A-frame	Approx. 0.5								MFCA 0 * * 0TJE (For fixed, direction of motor shaft)	MFCA 0 * * 0TJD (For fixed, direction of motor shaft)	MFCA 0 * * 0TKE (For fixed, opposite direction of motor shaft)	MFCA 0 * * 0TKD (For fixed, opposite direction of motor shaft)	MFCA 0 * * 0UGD (Movable/fixed common-use, opposite direction of motor shaft)	MFCA 0 * * 0VGD (For movable, direction of motor shaft)	MFCA 0 * * 0XFD (For movable, direction of motor shaft)	MFCA 0 * * 0XGD (For movable, opposite direction of motor shaft)	DV0P4284													DV0P228 DV0P222
			MHMF012L1 □ 3																																		
		200	MHMF022L1 □ 1	78 110	MADLT15SF	MADLN15S◇	B-frame	Approx. 0.9																	MFCA 0 * * 0WFD (For movable, opposite direction of motor shaft)	MFCA 0 * * 0XFD (For movable, direction of motor shaft)	MFCA 0 * * 0WGD (For movable, opposite direction of motor shaft)	MFCA 0 * * 0XGD (For movable, opposite direction of motor shaft)	MFCA 0 * * 0UGD (For movable, opposite direction of motor shaft)	MFCA 0 * * 0VGD (For movable, direction of motor shaft)	MFCA 0 * * 0XFD (For movable, direction of motor shaft)	MFCA 0 * * 0XGD (For movable, opposite direction of motor shaft)	DV0P4284	DV0P228 DV0P222			
			MHMF022L1 □ 3																																		
400	MHMF042L1 □ 1	80 110	MBDLT25SF	MBDLN25S◇	C-frame	Approx. 1.3	MFCA 0 * * 0WFD (For movable, opposite direction of motor shaft)	MFCA 0 * * 0XFD (For movable, direction of motor shaft)	MFCA 0 * * 0WGD (For movable, opposite direction of motor shaft)	MFCA 0 * * 0XGD (For movable, opposite direction of motor shaft)	MFCA 0 * * 0UGD (For movable, opposite direction of motor shaft)	MFCA 0 * * 0VGD (For movable, direction of motor shaft)	MFCA 0 * * 0XFD (For movable, direction of motor shaft)	MFCA 0 * * 0XGD (For movable, opposite direction of motor shaft)	DV0P4284																				DV0P228 DV0P222		
	MHMF042L1 □ 3																																			MDDL55SF	
750	MHMF082L1 □ 1	81 111	MCDLT35SF	MCDLN35S◇	D-frame	Approx. 2.3										MFCA 0 * * 0WFD (For movable, opposite direction of motor shaft)	MFCA 0 * * 0XFD (For movable, direction of motor shaft)	MFCA 0 * * 0WGD (For movable, opposite direction of motor shaft)	MFCA 0 * * 0XGD (For movable, opposite direction of motor shaft)	MFCA 0 * * 0UGD (For movable, opposite direction of motor shaft)	MFCA 0 * * 0VGD (For movable, direction of motor shaft)	MFCA 0 * * 0XFD (For movable, direction of motor shaft)	MFCA 0 * * 0XGD (For movable, opposite direction of motor shaft)	DV0P4284												DV0P228 DV0P222	
	MHMF082L1 □ 3																																				MDDL55SF
1000	MHMF092L1 □ 1	82 111	MDDL55SF	MDDL55S◇	D-frame	Approx. 2.3																			MFCA 0 * * 0WFD (For movable, opposite direction of motor shaft)	MFCA 0 * * 0XFD (For movable, direction of motor shaft)	MFCA 0 * * 0WGD (For movable, opposite direction of motor shaft)	MFCA 0 * * 0XGD (For movable, opposite direction of motor shaft)	MFCA 0 * * 0UGD (For movable, opposite direction of motor shaft)	MFCA 0 * * 0VGD (For movable, direction of motor shaft)	MFCA 0 * * 0XFD (For movable, direction of motor shaft)	MFCA 0 * * 0XGD (For movable, opposite direction of motor shaft)	DV0P4284	DV0P228 DV0P222			
	MHMF092L1 □ 3																																				MDDL55SF

Note)1 □ : Represents the motor specifications. (refer to "Model designation" P.18.)

Note)2 ◇ : Represents the driver specifications. (refer to "Model designation" P.18.)

Note)3 * * : Represents the cable length (03/3 m, 05/5 m, 10/10 m, 20/20 m). Example. 3 m/MFCA0030MJE

Note)4 Because A6SE series driver (dedicated for position control) does not support the absolute system specification, only incremental system can be used in combination.

Note)5 Please note that a battery is not supplied together with 23-bit absolute encoder cable (with battery box). Please buy the battery part number "DV0P2990" separately.

Movable : For application where the cable is movable.

Fixed : For application where the cable is fixed.

Direction of motor shaft/Opposite direction of motor shaft : Cable direction

Options			Title	Part No.	Page
Interface Cable				DV0P4360	182
Interface Conversion Cable				DV0P4120	182
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				DV0P4131	182
				DV0P4132	182
Connector Kit for Power Supply Input Connection	A-frame to D-frame	Single row type		DV0PM20032	185
		Double row type		DV0PM20033	185
Connector Kit for Motor Connection	A-frame to D-frame			DV0PM20034	186
Connector Kit for Motor/Encoder Connection	MHMF 200 W to 1.0 kW			DV0PM24582	188
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Battery for Absolute Encoder				DV0P2990	194
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Mounting Bracket	For A-frame, B-frame			DV0PM20100	195
	For C-frame, D-frame			DV0PM20101	195
Encoder Cable (with Battery Box) (Note)5	For movable, direction of motor shaft			MFECA0 * * 0MJE	172
	For movable, opposite direction of motor shaft			MFECA0 * * 0MKE	172
	For fixed, direction of motor shaft			MFECA0 * * 0TJE	172
	For fixed, opposite direction of motor shaft			MFECA0 * * 0TKE	172
Encoder Cable (without Battery Box)	For movable, direction of motor shaft			MFECA0 * * 0MJD	172
	For movable, opposite direction of motor shaft			MFECA0 * * 0MKD	172
	For fixed, direction of motor shaft			MFECA0 * * 0TJD	172
	For fixed, opposite direction of motor shaft			MFECA0 * * 0TKD	172
Motor Cable (For MHMF (200 W to 1.0 kW) (without Brake))	For movable, direction of motor shaft			MFCA0 * * 0UFD	176
	For movable, opposite direction of motor shaft			MFCA0 * * 0UGD	176
	For fixed, direction of motor shaft			MFCA0 * * 0WFD	176
Motor Cable (For MHMF (200 W to 1.0 kW) (with Brake))	For fixed, opposite direction of motor shaft			MFCA0 * * 0WGD	176
	For movable, direction of motor shaft			MFCA0 * * 0VFD	178
	For movable, opposite direction of motor shaft			MFCA0 * * 0VGD	178
Motor Cable (For MHMF (50 W, 100 W) (without Brake))	For fixed, direction of motor shaft			MFCA0 * * 0XFD	178
	For fixed, opposite direction of motor shaft			MFCA0 * * 0XGD	178
	Movable/fixed common-use, direction of motor shaft			MFCA0 * * 7UFD	175
Motor Cable (For MHMF (50 W, 100 W) (with Brake))	Movable/fixed common-use, opposite direction of motor shaft			MFCA0 * * 7UGD	175
	Movable/fixed common-use, direction of motor shaft			MFCA0 * * 7VFD	178
	Movable/fixed common-use, opposite direction of motor shaft			MFCA0 * * 7VGD	178
External regenerative resistor	50 Ω 25 W			DV0P4280	197
	100 Ω 25 W			DV0P4281	197
	25 Ω 50 W			DV0P4282	197
	50 Ω 50 W			DV0P4283	197
	30 Ω 100 W			DV0P4284	197
Reactor				DV0P220, DV0P222 DV0P227, DV0P228	196
Noise Filter				DV0P4170, DV0PM20042 DV0P4220	236
Surge Absorber				DV0P4190, DV0P1450	237
Ferite Core				DV0P1460	238

A6 Family

E Series

Information

A6 Family

Table of Part Numbers and Options

100 mm sq. or more 0.85 kW to 5.0 kW
IP67 motor Encoder connector (Large size JL10) type

Motor										Driver				Optional parts						Options											
Motor series	Power supply	Output (W)	Part No. (Note)1	Rating/Spec. Dimensions (page)	A6 SF series Multi function type (Pulse, analog, full-closed)	A6 SG series RS485 communication A6 SE series Basic (Pulse signal input) (Note)2, (Note)4	Frame	Power capacity (at rated load) (kVA)	Encoder Cable (Note)3,5		Motor Cable (Note)3,5		External Regenerative Resistor	Reactor (Single phase / 3-phase)	Noise Filter	Title		Part No.	Page												
									JL10 (Large size) (One-touch lock type) (N/MS screwed type)		JL10 (One-touch lock type) (JL04 screwed type)					23-bit Absolute		without Brake	with Brake	A-frame to D-frame	D-frame	E-frame	Single row type	Double row type							
									Use in the absolute system (with battery box) (Note)7	Use in the incremental system (without battery box)	without Brake	with Brake																			
Low inertia	MSMF Large size JL10 type 3000 r/min IP67	Single phase/ 3-phase 200 V	1000	MSMF102L1 □ 6 MSMF102L1 □ 8	61	MDDL55SF	MDDL55S◇	D-frame	Approx. 2.3	MFCEA 0 * * 0EPE	MFCEA 0 * * 0EPD	MFMCD 0 * * 2EUD	MFMCA 0 * * 2FUD	DV0P4284	DV0P228 / DV0P222	DV0P4220	DV0P4120	182													
			1500	MSMF152L1 □ 6 MSMF152L1 □ 8	62	MDDL55SF	MDDL55S◇										DV0P4121	182													
		3-phase 200 V	2000	MSMF202L1 □ 6 MSMF202L1 □ 8	63	MEDLT83SF	MEDLN83S◇	E-frame	Approx. 3.8						MFMCD 0 * * 2ECD	MFMCA 0 * * 2FCD	DV0P4285 (Note)6	DV0P223	DV0P225	DV0P4285 x2 in parallel	DV0P224	DV0P4220	DV0P4130	182							
			3000	MSMF302L1 □ 6 MSMF302L1 □ 8	64	MFDLTA3SF	MFDLNA3S◇								MFMCD 0 * * 2EUD	MFMCA 0 * * 2FUD							DV0P4131	182							
			4000	MSMF402L1 □ 6 MSMF402L1 □ 8	65	MFDLTB3SF	MFDLNB3S◇								F-frame	Approx. 7.5							MFMCA 0 * * 3EUT	MFMCA 0 * * 3FUT	DV0P4285 x2 in parallel	DV0P225	DV0P224	DV0P225	DV0P4220	DV0P4132	182
			5000	MSMF502L1 □ 6 MSMF502L1 □ 8	66	MFDLTB3SF	MFDLNB3S◇																MFMCA 0 * * 3ECT	MFMCA 0 * * 3FCT						DV0P4132	182
Middle inertia	MDMF Large size JL10 type 2000 r/min IP67	Single phase/ 3-phase 200 V	1000	MDMF102L1 □ 6 MDMF102L1 □ 8	89	MDDL45SF	MDDL45S◇	D-frame	Approx. 1.8	MFCEA 0 * * 0EPE	MFCEA 0 * * 0EPD	MFMCD 0 * * 2EUD	MFMCA 0 * * 2FUD	DV0P4284	DV0P228 / DV0P222	DV0P4220	DV0P24587	189													
			1500	MDMF152L1 □ 6 MDMF152L1 □ 8	90	MDDL55SF	MDDL55S◇										DV0P24589	189													
		3-phase 200 V	2000	MDMF202L1 □ 6 MDMF202L1 □ 8	91	MEDLT83SF	MEDLN83S◇	E-frame	Approx. 3.8						MFMCD 0 * * 2ECD	MFMCA 0 * * 2FCD	DV0P4285 (Note)6	DV0P223	DV0P225	DV0P4285 x2 in parallel	DV0P224	DV0P4220	DV0P24588	190							
			3000	MDMF302L1 □ 6 MDMF302L1 □ 8	92	MFDLTA3SF	MFDLNA3S◇								MFMCD 0 * * 2EUD	MFMCA 0 * * 2FUD							DV0P24589	189							
			4000	MDMF402L1 □ 6 MDMF402L1 □ 8	93	MFDLTB3SF	MFDLNB3S◇								F-frame	Approx. 7.5							MFMCA 0 * * 3EUT	MFMCA 0 * * 3FUT	DV0P4285 x2 in parallel	DV0P225	DV0P224	DV0P225	DV0P4220	DV0P24590	190
			5000	MDMF502L1 □ 6 MDMF502L1 □ 8	94	MFDLTB3SF	MFDLNB3S◇																MFMCA 0 * * 3ECT	MFMCA 0 * * 3FCT						DV0P24590	190
High inertia	MGMF Large size JL10 type (Low speed/High torque type) 1500 r/min IP67	Single phase/ 3-phase 200 V	850	MGMF092L1 □ 6 MGMF092L1 □ 8	95	MDDL45SF	MDDL45S◇	D-frame	Approx. 1.8	MFCEA 0 * * 0EPE	MFCEA 0 * * 0EPD	MFMCD 0 * * 2EUD	MFMCA 0 * * 2FUD	DV0P4284	DV0P228 / DV0P222	DV0P4220	DV0P24587	189													
			1300	MGMF132L1 □ 6 MGMF132L1 □ 8	96	MDDL55SF	MDDL55S◇										DV0P24589	189													
		3-phase 200 V	1800	MGMF182L1 □ 6 MGMF182L1 □ 8	97	MEDLT83SF	MEDLN83S◇	E-frame	Approx. 3.8						MFMCD 0 * * 2ECD	MFMCA 0 * * 2FCD	DV0P4285 (Note)6	DV0P223	DV0P225	DV0P4285 x2 in parallel	DV0P224	DV0P4220	DV0P24588	190							
			2900	MGMF292L1 □ 6 MGMF292L1 □ 8	98	MFDLTB3SF	MFDLNB3S◇								MFMCD 0 * * 2EUD	MFMCA 0 * * 2FUD							DV0P24589	189							
			4400	MGMF442L1 □ 6 MGMF442L1 □ 8	99	MFDLTB3SF	MFDLNB3S◇								F-frame	Approx. 7.5							MFMCA 0 * * 3EUT	MFMCA 0 * * 3FUT	DV0P4285 x2 in parallel	DV0P225	DV0P224	DV0P225	DV0P4220	DV0P24590	190
			1500	MHMF152L1 □ 6 MHMF152L1 □ 8	84	MDDL55SF	MDDL55S◇																MFMCA 0 * * 3ECT	MFMCA 0 * * 3FCT						DV0P24590	190
High inertia	MHMF Large size JL10 type 2000 r/min IP67	Single phase/ 3-phase 200 V	1000	MHMF102L1 □ 6 MHMF102L1 □ 8	83	MDDL45SF	MDDL45S◇	D-frame	Approx. 1.8	MFCEA 0 * * 0EPE	MFCEA 0 * * 0EPD	MFMCD 0 * * 2EUD	MFMCA 0 * * 2FUD	DV0P4284	DV0P228 / DV0P222	DV0P4220	DV0P24587	189													
			1500	MHMF152L1 □ 6 MHMF152L1 □ 8	84	MDDL55SF	MDDL55S◇										DV0P24589	189													
		3-phase 200 V	2000	MHMF202L1 □ 6 MHMF202L1 □ 8	85	MEDLT83SF	MEDLN83S◇	E-frame	Approx. 3.8						MFMCD 0 * * 2ECD	MFMCA 0 * * 2FCD	DV0P4285 (Note)6	DV0P223	DV0P225	DV0P4285 x2 in parallel	DV0P224	DV0P4220	DV0P24588	190							
			3000	MHMF302L1 □ 6 MHMF302L1 □ 8	86	MFDLTA3SF	MFDLNA3S◇								MFMCD 0 * * 2EUD	MFMCA 0 * * 2FUD							DV0P24589	189							
			4000	MHMF402L1 □ 6 MHMF402L1 □ 8	87	MFDLTB3SF	MFDLNB3S◇								F-frame	Approx. 7.5							MFMCA 0 * * 3EUT	MFMCA 0 * * 3FUT	DV0P4285 x2 in parallel	DV0P225	DV0P224	DV0P225	DV0P4220	DV0P24590	190
			5000	MHMF502L1 □ 6 MHMF502L1 □ 8	88	MFDLTB3SF	MFDLNB3S◇																MFMCA 0 * * 3ECT	MFMCA 0 * * 3FCT						DV0P24590	190

Note)1 □ : Represents the motor specifications. (refer to "Model designation" P.18.)
 Note)2 ◇ : Represents the driver specifications. (refer to "Model designation" P.18.)
 Note)3 * * : Represents the cable length (03/3 m, 05/5 m, 10/10 m, 20/20 m). Example. 3 m/MFCEA0030EPE
 Note)4 Because A6SE series driver (dedicated for position control) does not support the absolute system specification, only incremental system can be used in combination.

Note)5 Use of JL10 type encoder cables and motor cables enable one-touch lock connections. Conventional screwed type N/MS and JL04V type cables can also be used.
 Note)6 For other possible combinations, refer to P.197.
 Note)7 Please note that a battery is not supplied together with 23-bit absolute encoder cable (with battery box). Please buy the battery part number "DV0P2990" separately.

Title		Part No.	Page
Interface Cable		DV0P4360	182
Interface Conversion Cable		DV0P4120	182
		DV0P4121	182
		DV0P4130	182
		DV0P4131	182
		DV0P4132	182
Connector Kit for Power Supply Input Connection	A-frame to D-frame	DV0PM20032	185
	D-frame	DV0PM20033	185
	E-frame	DV0PM20044	185
Connector Kit for Motor Connection	A-frame to D-frame	DV0PM20034	186
	E-frame	DV0PM20046	186
Connector Kit for Regenerative Resistor	E-frame	DV0PM20045	185
Connector Kit for Motor/Encoder Connection	without Brake	DV0PM24587	189
		DV0PM24588	190
		DV0PM24589	189
	with Brake	DV0PM24590	190
		DV0PM24587	189
		DV0PM24588	190
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	Interface	DV0P4350	184
	External Scale	DV0PM20026	184
	Encoder	DV0PM20010	184
Battery for Absolute Encoder		DV0P2990	194
Battery Box for Absolute Encoder (Note)7		DV0P4430	194
Mounting Bracket	D-frame	DV0PM20101	195
Encoder Cable (with Battery Box) (Note)7	One-touch lock type	MFCEA0 * * 0EPE	173
	Screwed type	MFCEA0 * * 0ESE	174
Encoder Cable (without Battery Box)	One-touch lock type	MFCEA0 * * 0EPD	173
	Screwed type	MFCEA0 * * 0ESD	173
Motor Cable (without Brake)	One-touch lock type	MFMCD0 * * 2EUD	176
	Screwed type	MFMCD0 * * 2ECD	176
	One-touch lock type	MFMCE0 * * 2EUD	177
	Screwed type	MFMCE0 * * 2ECD	177
	One-touch lock type	MFMCA0 * * 3EUT	177
Motor Cable (with Brake)	Screwed type	MFMCA0 * * 3ECT	177
	One-touch lock type	MFMCA0 * * 2FUD	179
	Screwed type	MFMCA0 * * 2FCD	179
	One-touch lock type	MFMCE0 * * 2FUD	179
	Screwed type	MFMCE0 * * 2FCD	180
External regenerative resistor	30 Ω 100 W	DV0P4284	197
	20 Ω 130 W	DV0P4285	197
Reactor	DV0P222, DV0P223, DV0P224, DV0P225, DV0P228, DV0PM20047		196
Noise Filter	DV0P4220, DV0PM20043, DV0P3410		236
Surge Absorber	DV0P4190, DV0P1450		237
Ferite Core	DV0P1460		238

A6 Family

Table of Part Numbers and Options

100 mm sq. or more 0.85 kW to 5.0 kW
IP67 motor Encoder connector (Small size JN2) type

Motor						Driver				Optional parts						Options																																																																														
Motor series	Power supply	Output (W)	Part No. (Note)1	Rating/Spec. Dimensions (page)	A6 SF series Multi function type (Pulse, analog, full-closed)	A6 SG series RS485 communication A6 SE series Basic (Pulse signal input) (Note)2, (Note)4	Frame	Power capacity (at rated load) (kVA)	Encoder Cable (Note)3		Motor Cable (Note)3,5		External Regenerative Resistor	Reactor (Single phase / 3-phase)	Noise Filter	Title	Part No.	Page																																																																												
									JN2 (Small size) (One-touch lock type)		JL10 (One-touch lock type) (JL04 screwed type)								without Brake	with Brake	DV0P4284	DV0P228 / DV0P222	DV0P4220																																																																							
									23-bit Absolute		Use in the absolute system (with battery box) (Note)7	Use in the incremental system (without battery box)																																																																																		
Low inertia	MSMF Small size JN2 type 3000 r/min IP67	Single phase/ 3-phase 200 V	1000	MSMF102L1 □ 5 MSMF102L1 □ 7	61 102	MDDL55SF	MDDL55S◇	D-frame	Approx. 2.3	MFECA 0 * * 0ETE	MFECA 0 * * 0ETD	MFMCD 0 * * 2EUD	MFMCA 0 * * 2FUD	DV0P4284	DV0P228 / DV0P222	DV0P4220	Interface Cable	DV0P4360	182																																																																											
			1500	MSMF152L1 □ 5 MSMF152L1 □ 7	62 102	MDDL55SF	MDDL55S◇											DV0P4120	182																																																																											
		3-phase 200 V	2000	MSMF202L1 □ 5 MSMF202L1 □ 7	63 102	MEDLT83SF	MEDLN83S◇	E-frame	Approx. 3.8									MFMCD 0 * * 2ECD	MFMCA 0 * * 2FCD	DV0P4285 (Note)6	DV0P223	DV0P225	DV0P4285 x2 in parallel	DV0P224	DV0P225	DV0P4285	DV0P228 / DV0P222	DV0P4220	Interface Conversion Cable	DV0P4130	182																																																															
			3000	MSMF302L1 □ 5 MSMF302L1 □ 7	64 102	MFDLTA3SF	MFDLNA3S◇																							DV0P4131	182																																																															
			4000	MSMF402L1 □ 5 MSMF402L1 □ 7	65 102	MFDLTB3SF	MFDLNB3S◇																							F-frame	Approx. 7.5	MFMCA 0 * * 3EUT	MFMCA 0 * * 3FUT	DV0P4285 x2 in parallel	DV0P224	DV0P225	DV0P4285	DV0P224	DV0P225	DV0P4285	DV0P228 / DV0P222	DV0P4220	Interface Conversion Cable	DV0P4132	182																																																	
			5000	MSMF502L1 □ 5 MSMF502L1 □ 7	66 102	MFDLTB3SF	MFDLNB3S◇																																					DV0P4132	182																																																	
Middle inertia	MDMF Small size JN2 type 2000 r/min IP67	Single phase/ 3-phase 200 V	1000	MDMF102L1 □ 5 MDMF102L1 □ 7	89 113	MDDL45SF	MDDL45S◇	D-frame	Approx. 1.8	MFECA 0 * * 0ETE	MFECA 0 * * 0ETD	MFMCD 0 * * 2EUD	MFMCA 0 * * 2FUD	DV0P4284	DV0P228 / DV0P222	DV0P4220	Connector Kit for Power Supply Input Connection													A-frame to D-frame Single row type D-frame Double row type	DV0P20032													185																																																		
			1500	MDMF152L1 □ 5 MDMF152L1 □ 7	90 113	MDDL45SF	MDDL45S◇																																						DV0P20033	185																																																
		3-phase 200 V	2000	MDMF202L1 □ 5 MDMF202L1 □ 7	91 113	MEDLT83SF	MEDLN83S◇	E-frame	Approx. 3.8									MFMCD 0 * * 2ECD	MFMCA 0 * * 2FCD	DV0P4285 (Note)6	DV0P223	DV0P225	DV0P4285 x2 in parallel	DV0P224	DV0P225	DV0P4285	DV0P228 / DV0P222	DV0P4220	Connector Kit for Motor/ Encoder Connection																A-frame to D-frame Single row type D-frame Double row type	DV0P20034	186																																															
			3000	MDMF302L1 □ 5 MDMF302L1 □ 7	92 113	MFDLTA3SF	MFDLNA3S◇																																									DV0P20044	185																																													
			4000	MDMF402L1 □ 5 MDMF402L1 □ 7	93 113	MFDLTB3SF	MFDLNB3S◇																									F-frame	Approx. 7.5	MFMCA 0 * * 3EUT	MFMCA 0 * * 3FUT	DV0P4285 x2 in parallel	DV0P224	DV0P225	DV0P4285	DV0P224	DV0P225	DV0P4285	DV0P228 / DV0P222					DV0P4220	Connector Kit for Motor/ Encoder Connection	A-frame to D-frame Single row type D-frame Double row type	DV0P20046	186																																										
			5000	MDMF502L1 □ 5 MDMF502L1 □ 7	94 113	MFDLTB3SF	MFDLNB3S◇																																														DV0P20045	185																																								
		MGMF Small size JN2 type (Low speed/ High torque type) 1500 r/min IP67	Single phase/ 3-phase 200 V	850	MGMF092L1 □ 5 MGMF092L1 □ 7	95 114	MDDL45SF	MDDL45S◇	D-frame																							Approx. 1.8	MFECA 0 * * 0ETE																				MFECA 0 * * 0ETD	MFMCD 0 * * 2EUD	MFMCA 0 * * 2FUD	DV0P4284	DV0P228 / DV0P221	DV0P4220	Connector Kit	RS485, RS232	DV0P20024	183																																
				1300	MGMF132L1 □ 5 MGMF132L1 □ 7	96 114	MDDL45SF	MDDL45S◇																																																							DV0P20025	183																														
			3-phase 200 V	1800	MGMF182L1 □ 5 MGMF182L1 □ 7	97 114	MEDLT83SF	MEDLN83S◇	E-frame																							Approx. 3.8																															MFMCD 0 * * 2ECD	MFMCA 0 * * 2FCD	DV0P4285 (Note)6	DV0P223	DV0P225	DV0P4285 x2 in parallel	DV0P224	DV0P225	DV0P4285	DV0P228 / DV0P221	DV0P4220	Connector Kit	Safety	DV0P20026	184																	
				2900	MGMF292L1 □ 5 MGMF292L1 □ 7	98 114	MFDLTA3SF	MFDLNA3S◇																																																																						DV0P20026	184															
				4400	MGMF442L1 □ 5 MGMF442L1 □ 7	99 114	MFDLTB3SF	MFDLNB3S◇																																																																						F-frame	Approx. 7.5	MFMCA 0 * * 3ECT	MFMCA 0 * * 3FCT	DV0P4285 x2 in parallel	DV0P224	DV0P225	DV0P4285	DV0P224	DV0P225	DV0P4285	DV0P228 / DV0P221	DV0P4220	Connector Kit	Interface	DV0P4350	184
					4400	MGMF442L1 □ 5 MGMF442L1 □ 7	99 114	MFDLTB3SF																																																																																						
High inertia	MHMF Small size JN2 type 2000 r/min IP67	Single phase/ 3-phase 200 V	1000	MHMF102L1 □ 5 MHMF102L1 □ 7	83 112	MDDL45SF	MDDL45S◇	D-frame	Approx. 1.8	MFECA 0 * * 0ETE	MFECA 0 * * 0ETD	MFMCD 0 * * 2EUD	MFMCA 0 * * 2FUD	DV0P4284	DV0P228 / DV0P222	DV0P4220	External regenerative resistor													30 Ω 100 W 20 Ω 130 W	DV0P4284 DV0P4285	197																																																														
			1500	MHMF152L1 □ 5 MHMF152L1 □ 7	84 112	MDDL45SF	MDDL45S◇																																					DV0P20010																																		184																
		3-phase 200 V	2000	MHMF202L1 □ 5 MHMF202L1 □ 7	85 112	MEDLT83SF	MEDLN83S◇	E-frame	Approx. 3.8									MFMCD 0 * * 2ECD	MFMCA 0 * * 2FCD	DV0P4285 (Note)6	DV0P223	DV0P225	DV0P4285 x2 in parallel	DV0P224	DV0P225	DV0P4285	DV0P228 / DV0P222	DV0P4220	Battery for Absolute Encoder															DV0P2990	194																																																	
			3000	MHMF302L1 □ 5 MHMF302L1 □ 7	86 112	MFDLTA3SF	MFDLNA3S◇																																							DV0P20010	184																																															
			4000	MHMF402L1 □ 5 MHMF402L1 □ 7	87 112	MFDLTB3SF	MFDLNB3S◇																											F-frame	Approx. 7.5	MFMCE 0 * * 2EUD	MFMCE 0 * * 2FUD	DV0P4285 (Note)6	DV0P223	DV0P225	DV0P4285	DV0P224	DV0P225			DV0P4285	DV0P228 / DV0P222	DV0P4220	Battery Box for Absolute Encoder (Note)7	DV0P4430	194																																											
				5000	MHMF502L1 □ 5 MHMF502L1 □ 7	88 112	MFDLTB3SF																																													MFDLNB3S◇																										DV0P20010	184															
		MHMF Small size JN2 type 2000 r/min IP67	Single phase/ 3-phase 200 V	1000	MHMF102L1 □ 5 MHMF102L1 □ 7	83 112	MDDL45SF	MDDL45S◇	D-frame																								Approx. 1.8	MFECA 0 * * 0ETE	MFECA 0 * * 0ETD																	MFMCD 0 * * 2EUD	MFMCA 0 * * 2FUD	DV0P4284	DV0P228 / DV0P222	DV0P4220	Motor Cable (without Brake)	One-touch lock type	MFMCD0 * * 2EUD	176																																		
				1500	MHMF152L1 □ 5 MHMF152L1 □ 7	84 112	MDDL45SF	MDDL45S◇																																																					DV0P20010	184																																
			3-phase 200 V	2000	MHMF202L1 □ 5 MHMF202L1 □ 7	85 112	MEDLT83SF	MEDLN83S◇	E-frame																								Approx. 3.8																												MFMCD 0 * * 2ECD	MFMCA 0 * * 2FCD	DV0P4285 (Note)6	DV0P223	DV0P225	DV0P4285 x2 in parallel	DV0P224	DV0P225	DV0P4285	DV0P228 / DV0P222	DV0P4220	Motor Cable (without Brake)	Screwed type	MFMCD0 * * 2ECD	176																			
				3000	MHMF302L1 □ 5 MHMF302L1 □ 7	86 112	MFDLTA3SF	MFDLNA3S◇																																																																				DV0P20010	184																	
				4000	MHMF402L1 □ 5 MHMF402L1 □ 7	87 112	MFDLTB3SF	MFDLNB3S◇																																																																				F-frame	Approx. 7.5	MFMCE 0 * * 2EUD	MFMCE 0 * * 2FUD	DV0P4285 (Note)6	DV0P223	DV0P225	DV0P4285	DV0P224	DV0P225	DV0P4285	DV0P228 / DV0P222	DV0P4220	Motor Cable (with Brake)	One-touch lock type	MFMCE0 * * 2EUD	177		
					5000	MHMF502L1 □ 5 MHMF502L1 □ 7	88 112	MFDLTB3SF																																																																																					MFDLNB3S◇	DV0P20010
MHMF Small size JN2 type 2000 r/min IP67	Single phase/ 3-phase 200 V	1000	MHMF102L1 □ 5 MHMF102L1 □ 7	83 112	MDDL45SF	MDDL45S◇	D-frame	Approx. 1.8	MFECA 0 * * 0ETE	MFECA 0 * * 0ETD	MFMCD 0 * * 2EUD	MFMCA 0 * * 2FUD	DV0P4284	DV0P228 / DV0P222	DV0P4220	External regenerative resistor	30 Ω 100 W 20 Ω 130 W													DV0P4284 DV0P4285	197																																																															
		1500	MHMF152L1 □ 5 MHMF152L1 □ 7	84 112	MDDL45SF	MDDL45S◇																										DV0P20010	184																																																													
	3-phase 200 V	2000	MHMF202L1 □ 5 MHMF202L1 □ 7	85 112	MEDLT83SF	MEDLN83S◇	E-frame	Approx. 3.8										MFMCD 0 * * 2ECD	MFMCA 0 * * 2FCD	DV0P4285 (Note)6	DV0P223	DV0P225	DV0P4285 x2 in parallel	DV0P224	DV0P225	DV0P4285	DV0P228 / DV0P222	DV0P4220	Surge Absorber			DV0P4190, DV0P1450	237																																																													
		3000	MHMF302L1 □ 5 MHMF302L1 □ 7	86 112	MFDLTA3SF	MFDLNA3S◇																																						DV0P20010	184																																																	
		4000	MHMF402L1 □ 5 MHMF402L1 □ 7	87 112	MFDLTB3SF	MFDLNB3S◇																														F-frame	Approx. 7.5	MFMCE 0 * * 2EUD	MFMCE 0 * * 2FUD	DV0P4285 (Note)6	DV0P223	DV0P225	DV0P4285	DV0P224	DV0P225	DV0P4285	DV0P228 / DV0P222	DV0P4220	Ferite Core	DV0P1460	238																																											
			5000	MHMF502L1 □ 5 MHMF502L1 □ 7	88 112	MFDLTB3SF																																																																						MFDLNB3S◇	DV0P20010																184	

Note)1 □ : Represents the motor specifications. (refer to "Model designation" P.18.)
 Note)2 ◇ : Represents the driver specifications. (refer to "Model designation" P.18.)
 Note)3 * * : Represents the cable length (03/3 m, 05/5 m, 10/10 m, 20/20 m). Example. 3 m/MFECA0030ETE
 Note)4 Because A6SE series driver (dedicated for position control) does not support the absolute system specification, only incremental system can be used in combination.

Note)5 Use of JL10 type motor cables enable one-touch lock connections. Conventional screwed type JL04V type cables can also be used.
 Note)6 For other possible combinations, refer to P.197.
 Note)7 Please note that a battery is not supplied together with 23-bit absolute encoder cable (with battery box). Please buy the battery part number "DV0P2990" separately.

Title	Part No.	Page	
Interface Cable	DV0P4360	182	
Interface Conversion Cable	DV0P4120	182	
	DV0P4121	182	
	DV0P4130	182	
	DV0P4131	182	
Connector Kit for Power Supply Input Connection	DV0P20032	185	
	DV0P20033	185	
	DV0P20044	185	
Connector Kit for Motor Connection	DV0P20034	186	
	DV0P20046	186	
	DV0P20045	185	
Connector Kit for Regenerative Resistor	DV0P24583	189	
	DV0P24584	190	
	DV0P24585	189	
	DV0P24586	190	
Connector Kit	RS485, RS232	DV0P20024	183
	Safety	DV0P20025	183
	Interface	DV0P4350	184
	External Scale	DV0P20026	184
Encoder	DV0P20010	184	
Battery for Absolute Encoder	DV0P2990	194	
Battery Box for Absolute Encoder (Note)7	DV0P4430	194	
Mounting Bracket	D-frame	DV0P20101	195
Encoder Cable (with Battery Box) (Note)7	One-touch lock type	MFECA0 * * 0ETE	174
		MFECA0 * * 0ETD	174
Motor Cable (without Brake)	One-touch lock type	MFMCD0 * * 2EUD	176
	Screwed type	MFMCD0 * * 2ECD	176
	One-touch lock type	MFMCE0 * * 2EUD	177
	Screwed type	MFMCE0 * * 2ECD	177
	One-touch lock type	MFMCA0 * * 3EUT	177
	Screwed type	MFMCA0 * * 3ECT	177
Motor Cable (with Brake)	One-touch lock type	MFMCA0 * * 2FUD	179
	Screwed type	MFMCA0 * * 2FCD	179
	One-touch lock type	MFMCE0 * * 2FUD	179
	Screwed type	MFMCE0 * * 2FCD	180
	One-touch lock type	MFMCA0 * * 3FUT	180
	Screwed type	MFMCA0 * * 3FCT	180
External regenerative resistor	30 Ω 100 W 20 Ω 130 W	DV0P4284 DV0P4285	197
Reactor	DV0P222, DV0P223 DV0P224, DV0P225 DV0P228, DV0P20047	196	
Noise Filter	DV0P4220, DV0P20043 DV0P3410	236	
Surge Absorber	DV0P4190, DV0P1450	237	
Ferite Core	DV0P1460	238	