

Accessories combination

Speed Control Systems					2232/ 2250 ... BX4(S) SC	3242/ 3268 ... BX4 SC	2610/ 2622 ... B SC	1525/ 1935/ 3153 ... BRC
Article no.	Designation	Motor/option	Interface/connector	Length				
6501.00096	SCS programming adapter		USB		• (9)	• (9)	• (9)	• (9)
6501.00088	SCS programming adapter		USB/RS232		•	•	•	•
6501.00112	SCS connection adapter		USB		• (9)	• (9)	• (9)	• (9)

Motion Control Systems					2232/ 2250 ... BX4 CSD/ COD/ CCD	3242/ 3268 ... BX4 3564 ... B CS/ CC/ CO	MCS 3242/ 3268 ... BX4 MCS 3274 ... BP4 ET	MCS 3242/ 3268 ... BX4 MCS 3274 ... BP4 RS/ CO
Article no.	Designation	MC version	Motor/option	Interface/connector	Length			
6501.00065	Cx programming adapter	V2.5	BX4	RS232/CAN				
6501.00159	CS programming adapter	V2.5		Mini USB				
6501.00113	CxD programming adapter	V2.5	BX4	RS232/CAN		• (4)		
6501.00135	CSD programming adapter	V2.5		Mini USB		• (3/4)		
6501.00283	MCS programming adapter	V3.0		RS232/CAN				•
6501.00284	MCS programming adapter	V3.0		USB			•	•
6501.00140	CxD cable	V2.5	BX4		1000 mm	•		
6501.00270	MCS cable	V3.0		EtherCAT, M8-M8 connector, straight	1500 mm		•	
6501.00210	MCS cable	V3.0		EtherCAT, M8-M8 connector, angled	1500 mm		•	
6501.00271	MCS cable	V3.0		EtherCAT, M8-RJ45 connector, straight	1500 mm		•	
6501.00211	MCS cable	V3.0		EtherCAT, M8-RJ45 connector, angled	1500 mm		•	
6501.00255	MCS cable	V3.0		Supply, M12 connector, 4-pin, straight	1500 mm		•	•
6501.00256	MCS cable	V3.0		Supply, M12 connector, 4-pin, angled	1500 mm		•	•
6501.00257	MCS cable	V3.0		I/O, M12 connector, 12-pin, straight	1500 mm		•	•
6501.00258	MCS cable	V3.0		I/O, M12 connector, 12-pin, angled	1500 mm		•	•
6501.00134	BC 5004 braking chopper					•	•	•

- 1) without CF/ CO
- 2) without RS
- 3) without CC/ CO/ COD/ CCD
- 4) special number 3830 for motor BX4 necessary
- 5) special number 3806 for encoder IE3L, IER3L, IERS3L necessary
- 6) special number 3807 for encoder IE3, IER3, IERS3 necessary

- 7) special number 3692 & 3830 required for analogue Hall
- 8) only in combination with 6501.00117/ 6501.00118
- 9) only in combination with 6501.00112/ 6501.00096
- 10) not with 2250 ... BX4 S and 3268 ... BX4
- 11) without ET
- 12) only in combination with 6501.00121
- 13) only in combination with 6501.00267/ 6501.00275
- 14) not with 2250...BX4 (S) and 32xx ... BX4

- only recommended for "S" variant (screw terminal)

Accessories also for circuit board variants usable with MC V2.5 and SC via customer-specific connection.

Other cable lengths are available on request.

Speed Controller

Article no.	Designation	Motor/option	Encoder/sensor	Interface/connector	Length	SC 1801 S/F	SC 2804 S	SC 5008 S
6501.00096	SC programming adapter			USB			•	•
6501.00097	SC programming adapter			USB		•		
6501.00088	SC programming adapter			USB/RS232		•	•	•
6501.00085	SC motor adapter	BX4	Hall sensors AES			• (4/14)		
6501.00086	SC motor adapter	BX4	Hall sensors AES				• (4)	• (4)
6501.00083	SC motor adapter	0620 ... B	Hall sensors			•		
6501.00116	SC motor adapter	0824 ... B 1028 ... B	IEM3				•	
6501.00163	SC motor adapter	0824 ... B 1028 ... B	IEM3			•		
6501.00084	SC encoder adapter		IE2 IEH2			•		
6501.00063	SC encoder adapter		IE2 IEH2				•	•
6501.00143	SC encoder adapter		IE2 IEH2			•		
6501.00193	SC encoder adapter		IE3 IER3 IERS3 IEH3			• (6)		
6501.00194	SC encoder adapter		IE3 IER3 IERS3 IEH3				• (6)	• (6)
6501.00144	SC encoder adapter		PA2			•		
6501.00145	SC encoder adapter		HXM3			•		
6501.00146	SC encoder adapter		HEM3			•		
6501.00064	SC encoder adapter		IE3L IER3L IERS3L HEDL				• (5)	• (5)
6501.00025	SC cable		IE2 IEH2		200 mm	•	•	•
6501.00141	SC cable	BX4	Hall sensors AES		300 mm	• (4)	• (4)	• (4)
6501.00002	DC SC adapter cable for encoder		HEDS		600 mm	•	•	•
6501.00287	DC SC adapter cable for encoder		HEDS		300 mm	•	•	•
6501.00134	BC 5004 braking chopper						•	•

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IE3, IER3, IERS3 necessary

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- 14) not with 2250...BX4 (S) and 32xx ... BX4

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Motion Controller V2.5						MCDC 3002 S RS/ CF/ CO	MCDC 3006 S RS/ CF/ CO	MCBL 3002 S/ F RS/ CF/ CO	MCBL 3006 S RS/ CF/ CO	MCBL 3002 S AES RS/ CF/ CO	MCBL 3006 S AES RS/ CF/ CO	MCLM 3002 S/ F RS/ CF/ CO	MCLM 3006 S RS/ CF/ CO
Article no.	Designation	Motor/option	Encoder/ sensor	Interface/ connector	Length								
6501.00121	MC programming adapter			RS232/CAN		•		•				•	
6501.00136	MC programming adapter			Mini USB		• (1)		• (1)		• (1)		• (1)	
6501.00085	MC motor adapter	BX4	AES							• (4/10)			
6501.00085	MC motor adapter	BX4	Hall sensors					• (7)					
6501.00086	MC motor adapter	BX4	AES								• (4)		
6501.00086	MC motor adapter	BX4	Hall sensors					• (7)					
6501.00321	MC motor adapter	0620 ... B	Hall sensors					•					
6501.00182	MC motor adapter	LM1247-...-11C LM1483-...-11C LM2070-...-11C	Hall sensors										•
6501.00171	MC motor adapter	LM1247-...-11C LM1483-...-11C	Hall sensors									•	
6501.00117	MC motor adapter	LM0830-...-01										• (8)	
6501.00084	MC encoder adapter		IE2 IEH2			•							
6501.00063	MC encoder adapter		IE2 IEH2				•						
6501.00193	MC encoder adapter		IE3 IER3 IERS3 IEH3			• (6)							
6501.00194	MC encoder adapter		IE3 IER3 IERS3 IEH3				• (6)						
6501.00144	MC encoder adapter		PA2			•							
6501.00145	MC encoder adapter		HXM3			•							
6501.00146	MC encoder adapter		HEM3			•							
6501.00143	MC encoder adapter		IE2 IEH2			•							
6501.00064	MC encoder adapter		IE3L IER3L IERS3L HEDL				• (5)						
6501.00170	PC-MC connection adapter			USB-RS232	1800 mm	• (1/12)	• (1)	• (1/12)	• (1)	• (1/12)	• (1)	• (1/12)	• (1)
6501.00128	PC-MC connection adapter			USB-CAN	1000 mm	• (2/12)	• (2)	• (2/12)	• (2)	• (2/12)	• (2)	• (2/12)	• (2)
6501.00118	MC cable	LM0830			200 mm							• (8)	
6501.00025	MC cable		IE2 IEH2		200 mm	•	•	•					
6501.00141	MC cable	BX4	Hall sensors AES		300 mm			• (4)	• (4)	• (4)	• (4)		
6501.00002	DC MC adapter cable for encoder		HEDS		600 mm	•	•						
6501.00287	DC MC adapter cable for encoder		HEDS		300 mm	•	•						
6501.00003	PC-MC cable (null modem)			RS232-RS232	3000 mm	• (1/12)	• (1)	• (1/12)	• (1)	• (1/12)	• (1)	• (1/12)	• (1)
6501.00134	BC 5004 braking chopper						•		•		•		•

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- 9) only in combination with 6501.00112/ 6501.00096
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- 13) only in combination with 6501.00267/ 6501.00275
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Motion Controller V3.0

Article no.	Designation	Motor/option	Encoder/sensor	Interface/connector	Length	MC 5005 S RS/ CO/ ET with DC	MC 5005 S RS/ CO/ ET with BL	MC 5010 S RS/ CO/ ET with DC	MC 5010 S RS/ CO/ ET with BL	MC 5004 P RS/ CO/ ET with DC/ BL
6501.00273	MC 50xx adapter set		all			•	•	•	•	
6501.00262	MC 5010 cable	3274 ... BP4 4490 ... B/ BS		Brushless phase	2000 mm				•	
6501.00263	MC 5010 cable	3274 ... BP4		Brushless Hall sensors	2000 mm				•	
6501.00264	MC 50xx cable	2264 ... BP4		Brushless Hall sensors + phases	2000 mm		•		•	
6501.00241	MC 50xx cable	BX4	AES		300 mm		•		•	
6501.00267	MC 50xx cable		IE3/ IE2/ IEH2 IER3/ IERS3 HEDS		2000 mm	• (13)	• (13)	• (13)	• (13)	
6501.00275	Adapter cable for encoder		HEDS		130 mm	• (13)	• (13)	• (13)	• (13)	
6501.00252	MC 50xx cable		IE3L IER3L/ IERS3L HEDL		2000 mm	•	•	•	•	
6501.00265	MC 50xx cable			DC supply	2000 mm	•		•		
6501.00269	MC 50xx cable			CAN	300 mm	• (2/11)	• (2/11)	• (2/11)	• (2/11)	
6501.00268	MC 50xx cable			RS232	300 mm	• (3/11)	• (3/11)	• (3/11)	• (3/11)	
6501.00224	MC 50xx cable			USB 2.0 A-MINI B connector	1000 mm	•	•	•	•	
6501.00266	MC 50xx cable	1336...CXR 1727...CXR 1741...CXR	IEH3		2000 mm	•	•	•	•	
6501.00223	MC 5005/ 5010 DIN rail mounting set					•	•	•	•	
6501.00221	MC 5005/ 5010 connector set			Supply side		•	•	•	•	
6501.00222	MC 5005/ 5010 connector set			Motor side		•	•	•	•	
6501.00274	MC 50xx cable			EtherCAT, RJ45-RJ45	2000 mm	• (2/3)	• (2/3)	• (2/3)	• (2/3)	• (2/3)
6501.00278	MC 5004 ribbon cable			EtherCAT, DIN-DIN (circuit board connection)	100 mm					• (2/3)
6501.00279	MC 5004 ribbon cable			EtherCAT, DIN-DIN (basic board connection)	250 mm					• (2/3)
6501.00272	MC 5004 cable			EtherCAT, RJ45-RJ45 straight (circuit board connection)	200 mm					•
6500.01681	MC 5004 motherboard MB4			Vertical connector						•
6500.01676	MC 5004 motherboard MB4			Horizontal connector						•
6501.00234	MB4 MC 5004 motherboard connector set			Supply side						•
6501.00276	MB4 MC 5004 motherboard connector set			Controller						•
6501.00134	BC 5004 braking chopper					•	•	•	•	•

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