

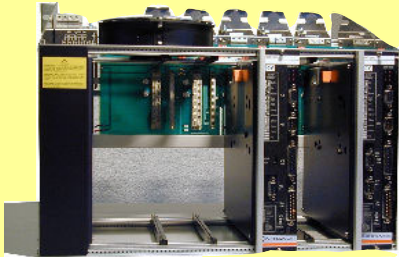


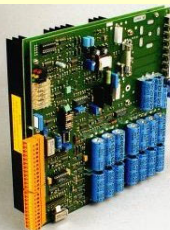


MOTORS		DIGITAL DRIVES				FEATURES	
AC Brushless Servomotors		Drive CD1 type	Braking system (option)	Rack Single / Multi-axis	Drive BD1 type: analog input or customised options		
<input type="checkbox"/> frame	<input type="checkbox"/> flat						
220 V	BLS-40B	CD1_-220/2,25	dp 100/100	SMTBM20A	SMTBD1-1_-220/4	 <p><b>Driver CD1a</b> (a= analog; _= option)</p> <p><b>Input voltage:</b> 220 Vac 1-ph, 3-ph/ 400 Vac 3-ph  <b>Interface:</b> serial link RS232  <b>Encoder resolution:</b> 1024, 512, 256 or 128 ppr  <b>Maximum current range:</b> (stall current x 2)            230V: 2,25A/ 4,5A/ 7,5A/ 10,5A            400V: 1,8A/ 2,7A/ 5,1A/ 7,2A/ 14A/ 30A/ 45A  <b>Automatic functions:</b>            Auto-tuning (adjustment to the load)            Auto-phasing (adjustment to motor and resolver)  <b>Options:</b> Analog input / Profibus 'p', CAN Open 'k' Profibus and positioner 'pm'.</p>	
	BLS-53A	CD1_-220/2,25	dp 100/100	SMTBM20A	SMTBD1-1_-220/4		
	BLS-55A	CD1_-220/2,25	dp 100/100	SMTBM20A	SMTBD1-1_-220/4		
	BLS-71A	MA-3	CD1_-220/4,5	dp 100/100	SMTBM20A		SMTBD1-1_-220/8
	BLS-72A	MA-6	CD1_-220/10,5	dp 100/100	SMTBM20A		SMTBD1-1_-220/12
	BLS-73A		CD1_-220/7,5	dp 100/100	SMTBM20A		SMTBD1-1_-220/8
	BLS-74A		CD1_-220/10,5	dp 100/100	SMTBM20A		SMTBD1-1_-220/12
	BLS-111A		CD1_-220/7,5	dp 100/100	SMTBM20A		SMTBD1-1_-220/8
	BLS-112A	MSA-02	Options: '_' 'a' analogue input 'pm' Profibus DP and logic I/Os 'k' CAN Open 'p' Profibus DP	dp 100/100	SMTBM20A		SMTBD1-1_-220/12
	BLS-113A	MA-10		dp 100/100	SMTBM20A		SMTBD1-1_-220/17
	BLS-114A	MSA-08 /		dp 50/200	SMTBM20A		SMTBD1-1_-220/30
	BLS-115A	MA-20		dp 50/200	SMTBM20A		SMTBD1-1_-220/30
	BLS-141A			dp 50/200	SMTBM20A		SMTBD1-1_-220/30
	BLS-142A			dp 50/200	SMTBM20A		SMTBD1-1_-220/30
	BLS-143A			dp 50/200	SMTBM20A		SMTBD1-1_-220/30r
	BLS-144A	MA-30		dp 15/280	SMTBM20A		SMTBD1-1_-220/45
	MA-45/MSA-22	dp 33/280		SMTBM20A	SMTBD1-1_-220/60		
	MA-55	dp 33/280		SMTBM20A	SMTBD1-1_-220/70		
400 V	BLS-554	CD1_-400/1,8	dp 200/100			 <p><b>Input voltage:</b> 220 Vac 1-ph, 3-ph/ 400 Vac 3-ph  <b>Interface:</b> serial link RS232/RS422  <b>BD1:</b> resolver sensor;  <b>BD2:</b> sin/cos with 2.048 pts (2 million pts resolution)  <b>Maximum current range:</b> (stall current x 2)            230V: 4, 8, 12, 17, 30, 45, 60, 70, 100A            400V: 15, 30, 45, 60A  <b>Automatic functions:</b>            Auto-tuning (adjustment to the load)            Auto-phasing (adjustment to motor and resolver)  <b>Option:</b> 'i' tension control, 'j' wind/rewind, electronic gear, 'p' Profibus, 'm' positioner, 'c' indexer, 'h' CAN Infranor, 'k' CAN Open.</p> <p><b>Stand-alone SMTBM-20A rack with one Drive SMTBD1</b> (SMTBD1-1a= analog; _=option)</p>	
	BLS-714	CD1_-400/2,7	dp 200/100		(min. rating I <sub>max</sub> = 15 A):		
	BLS-724	CD1_-400/5,1	dp 200/100	BF-400/45/2-2	SMTBD1-1_-400/15		
	BLS-734	CD1_-400/5,1	dp 200/100	BF-400/45/2-2	SMTBD1-1_-400/15		
	BLS-744	CD1_-400/5,1	dp 200/100	BF-400/45/2-2	SMTBD1-1_-400/15		
	BLS-1114		CD1_-400/5,1	dp 200/100	BF-400/45/2-2		SMTBD1-1_-400/15
	BLS-1124	MSA-02	CD1_-400/7,2	dp 200/100	BF-400/45/2-2		SMTBD1-1_-400/15
	BLS-1134		CD1_-400/14	dp 15/280	BF-400/45/2-2		SMTBD1-1_-400/15
	BLS-1144		CD1_-400/14	dp 15/280	BF-400/45/2-2		SMTBD1-1_-400/15
	BLS-1154		CD1_-400/14	dp 15/280	BF-400/45/2-2		SMTBD1-1_-400/15
	BLS-1414	MSA-08	CD1_-400/30	dp 15/280	BF-400/45/2-2		SMTBD1-1_-400/30
	BLS-1424		CD1_-400/30	dp 15/280	BF-400/45/2-2		SMTBD1-1_-400/30
	BLS-1434		CD1_-400/30	dp 15/280	BF-400/45/2-2		SMTBD1-1_-400/30
	BLS-1444	MSA-22	CD1_-400/45	dp 15/280	BF-400/45/2-2		SMTBD1-1_-400/45
	BLS-191	MSA-45		dp 33/280	BF-400/45/2-2		SMTBD1-1_-400/60
	BLS-192			dp 33/280	BF-400/45/2-2		SMTBD1-1_-400/60
<p><b>Software:</b> BD1 and CD1 drive setting software BPCW, IBM-PC compatible.</p>					<p><b>Mavilor® connectors and cables are available as a kit.</b></p>		
 <p><b>Rack BF-220 &amp; BF-400 and Drives SMTBD1</b></p> <p>19" rack including the power supply:            45A or 90A            Braking resistance R200.            All sizes of the drive SMTBD1 type can be mounted in a multi-axis BF 19" rack.</p>							

MOTORS		DRIVES			FEATURES					
220 V	<b>DC Brushless Servomotors</b>	<b>Digital drive analog input or CAN Bus</b>	 <p><b>MSD1 drive</b> Digital speed, and position loop programmable I/O (8+8)</p>			<p><b>Input voltage:</b> Wide range power supply: 24/48 V DC to 400 (480)V AC</p> <p><b>AC Servomotors:</b> Interfaces: MSD1-M(--) (A) +/- 10V input (speed and torque); (I) Stepper emulation (P) Profibus (pulse and direction input) (O) CAN Open (R) RS232 setting and diagnose interface</p> <p>Maximum current range: (leff x 2) (MSD1 30--) 230V ac: 8A/ 12A/ 16A/ 20A/ 24A/ 30A. (MSD1 50--) 400V ac: 8A/ 12A/ 16A</p> <p>Feedback options: MSD1-M-(__ - __) (feedback) (E) encoder; (R) Resolver; (H) sinus encoder; (A) absolute enc.; (T) DC tach; (S) SSI encoder.</p>				
	<b>BLT40B</b>	MSD1-M_-3002_								
	<b>BLT-53A</b>	MSD1-M_-3002_								
	<b>BLT-71A</b>	MSD1-M_-3004_								
	<b>BLT-72A</b>	MSD1-M_-3006_								
	<b>BLT-73A</b>	MSD1-M_-3006_								
	<b>BLT-74A</b>	MSD1-M_-3006_								
	<b>BLT-111A</b>	MSD1-M_-3006_								
	<b>BLT-112A</b>	MSD1-M_-3008_								
	<b>BLT-113A</b>	MSD1-M_-3012_								
	<b>BLT-114A</b>	MSD1-M_-3015_								
	400 V	<b>BLT-55A</b>							MSD1-M_-5004_	
		<b>BLT-714</b>							MSD1-M_-5004_	
		<b>BLT-72A</b>							MSD1-M_-5004_	
<b>BLT-73A</b>		MSD1-M_-5004_								
<b>BLT-74A</b>		MSD1-M_-5004_								
<b>BLT-111A</b>		MSD1-M_-5004_								
<b>BLT-112A</b>	MSD1-M_-5004_									
<b>BLT-113A</b>	MSD1-M_-5008_									
<b>Permanent magnet DC servomotors</b>	<b>Drive</b>	<b>Transformer (not included)</b>	<b>Filter (not included)</b>		 <p><b>MQC drive</b></p> <p><b>Input voltage:</b> MQC 05XX= 16-65V DC MQC 06XX= 3x20-46V AC MQC 12XX= 3x30-90V AC MQC 15XX= 3x30-113V AC</p> <p><b>Output voltage:</b> 24-48V DC (all) 60V DC XX value 120V DC 150V DC</p> <p><b>Speed controller:</b> proportional amp. - potentiometer adjustable Speed demand input - differential amplifier +/-10V DC Ri= 20k Control mode PI (D); tach input: diff. amplifier +/-5...60V DC The optional extras allow simple plug-in auxiliary functions.</p>  <p><b>SMVE drive</b></p> <p><b>Input voltage:</b> SMVE 05XX= 17-65V DC SMVEN 05XX= 12-48V AC SMVE 24XX= 60-250V DC SMVEN24XX= 48-177V AC</p> <p><b>Output voltage:</b> 24-48V DC (all) 24-48V DC XX value 240V DC 240V DC</p> <p><b>Maximum current (I<sub>rms</sub> x 2)</b> SMVE/N 05XX: 20A, 40A, 60A. <b>Maximum current (I<sub>rms</sub> x 2)</b> SMVE/N 24XX: 20A, 40A, 60A.</p> <p><b>Options:</b> limit switch logic; ramp generator (integrator); armature voltage regulation.</p>					
<b>MSK-05</b>	MQC-0606	S-3x46vac 150VA								
<b>MSK-08</b>	MQC-0606	S-3x46vac 150VA	2x0.5mH 15A							
<b>MSS-2</b>	MQC-0610	S-3x46vac 250VA								
<b>MSS-4</b>	MQC-1208	S-3x90vac 400VA								
<b>MSS-6</b>	MQC-1210	S-3x90vac 500VA								
<b>MSS-8</b>	MQC-1210	S-3x90vac 500VA								
<b>MSS-12</b>	MQC-1515	S-3x113vac 940VA	2x0.5mH 16A							
<b>MSS-22</b>	SMVENK-2420	S-3x170vac 1900VA	2x0.5mH 20A							
<b>MSS-35</b>	SMVENK-2420	S-3x170vac 1900VA	2x0.5mH 22A							
<b>MSS-45</b>	SMVENK-2420	S-3x170vac 1900VA								
<b>CML-030</b>	MQC-0602	S-3x46vac 50VA								
<b>CML-050</b>	MQC-0604	S-3x46vac 100VA								
<b>CML-060</b>	MQC-0604	S-3x46vac 100VA								
<b>CML-160</b>	MQC-0604	S-3x46vac 100VA								
<b>CML-320</b>	MQC-1204	S-3x90vac 200VA								
<b>Mavilor® connectors and cable are available as kit</b>										