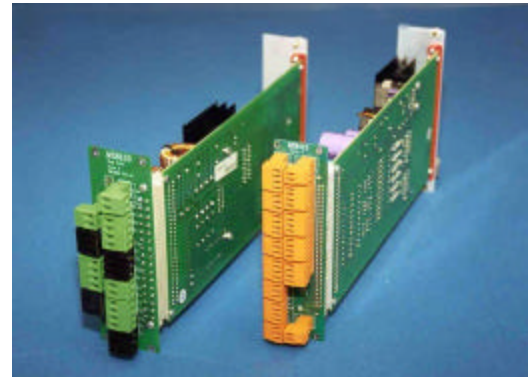


System motherboards

MSB series

To simplify the interconnection of the eurocard modular drive and control modules featured in this catalogue a range of printed circuit motherboards has been developed. These provide a convenient means of connecting the motor, external signals and the interconnection of drive and control signal lines using solder-free screw terminals.



The MSB Series motherboards are fitted to the back rails of standard 19in x 3U high euroracks such as the PM170 series rack mounted power supplies. They incorporate the mating connector for the appropriate drive or control module together with plug-in screw terminal blocks mounted to the rear of the motherboard to which the system's wiring loom may be connected. The use of the appropriate MSB motherboard reduces the possibility of errors in interconnection of the drive and control modules resulting in increased system reliability and reduced commissioning time. Below is shown a table of the most popular motherboard options. Additionally, custom designed motherboards can be produced for OEM users who require a special combination of modules for use in systems that are regularly purchased.

Standard MSB series motherboards

motherboard	associated modules		
	drives	controllers	power supplies
MSB 107			MSE171 MSE174 & MSE175
MSB 108	TM164C or TM165C or EM162		
MSB 133	TM162C		
MSB 142		PM381 & PM342	
MSB 143		PM368 series	
MSB 301		PM301 or PM341	
MSE 360		MSB 301 **	
MSB 423	MSE 422 four axis drive module		
MSB 543	MSE 542 & PM 546		
MSB 603		PM600	
MSB 630	MSE 570		
MSB 633			MSE562

Notes: Motherboards shown for use with TM, MSE and EM series units may also be used with the PM series equivalents.

** Use MSE360 with PM341 & MSB301 when the motor is equipped with an encoder featuring a line driver output such as 23HS-108 CI 500L.