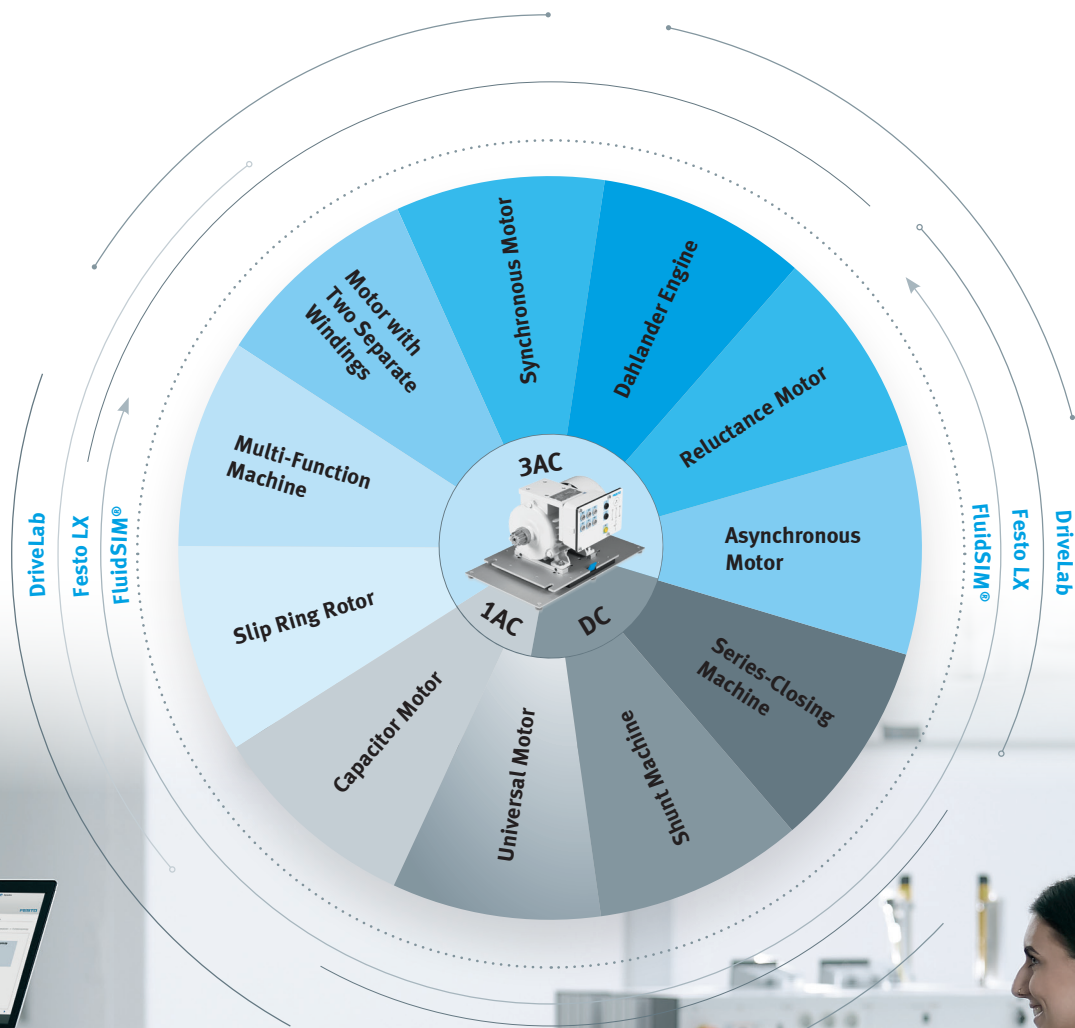


Electric Drive Technology

The end-to-end learning solutions at a glance!



		Learning concepts for electric drive technology								
		Controls								
 Topics	Motors	Power Supply for DC Motors	Load Resistance EduTrainer®	Field Plate EduTrainer®	Motor Switch EduTrainer®	Device Set TP 1211: Basics of Circuits with Contacts	Softstarter (alternatively Softstarter EduTrainer®)	Sinamics G120 EduTrainer®	Slip Ring Starter EduTrainer®	Dahlander Switch EduTrainer®
		 8111319	 8037136	 8036772	 576309	 8208247	 8121090	 8105421 8037819 8105137	 8109369	 8040011
	DC Machines									
	DC Series Closure Machine alternatively DC Compound Machine	571869	✓							
	DC Shunt Machine alternatively DC Compound Machine	571868	✓	✓	✓					
	Universal Motor	571871	✓							
	AC Machines									
	Universal Motor	571871				✓				
	Capacitor Motor	8203026				✓				
	Three-Phase Machines Three-Phase Asynchronous Motors/Squirrel Cages									
	400/690 V EMV_IE3 - Manually operated (star triangle)	8226654				✓				
	400/690 V EMV - Control via circuits with contacts (TP1211)	8226654					✓			
	400/690 V EMV - Soft start	8226654						✓		
	400/690 V EMV_IE3 - Frequency converter operation with G120 / 3-phase	8226654							✓	
	230/400 V EMV_IE3 - Frequency converter operation with G120 / 1-phase	8226794							✓	
	Three-Phase Motor with Slip Rings alternatively three-phase multifunction machine	8023980		✓		✓	✓			✓
	Synchronous Motor alternatively three-phase multi-function machine	572095	✓	✓ for generator operation		✓				
	Dahlander Engine	8023979								✓
	Three-Phase Motor Pole-Switchable – two separate windings	on request								✓
	Three-Phase Reluctance Motor	on request				✓				