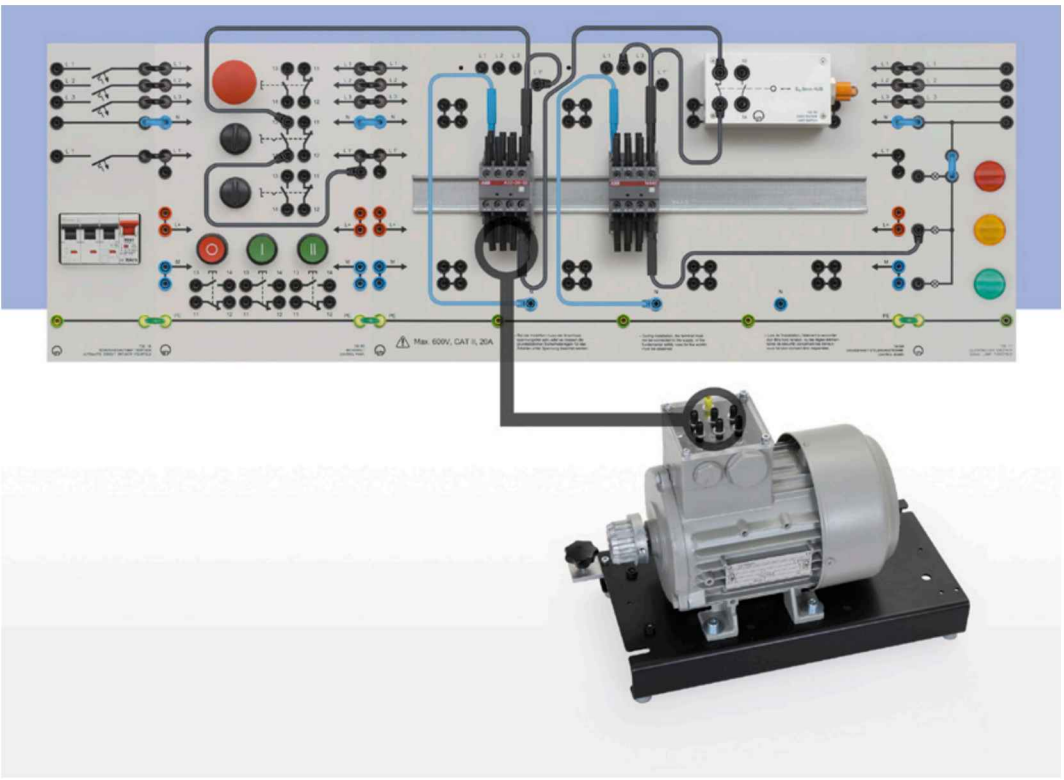

E6.5.2

INDUSTRIAL CONTROLS

E6.5.2.5
Control with Limit &
Proximity Switches

Control with Limit & Proximity Switches (E6.5.2.5)

Cat. No.	Description	E6.5.2.5
730 90	Gear w.2 Switch Arms 0.1/0.3	1
731 06	Coupling 0.3	1
731 08	Coupling guard 0.3	1
732 203	Squirrel cage motor basic 400/690/0.3	1
730 93	Limit Switch 1NO 1NC	2
730 94	Ind. Proximity Switch 2-AC/DC	1
730 95	Ind. Proximity Switch 3-DC	1
730 97	Cap. Proximity Switch 3-DC	1
730 99	Opt. Proximity Switch 3-DC	1
730 381	Relais 24V 1NO 1NC	1*
562 793NA	Power Adapter 6...24 V	1
566 242	LIT: Limit and Proximity Switches T 9.2	1*

* additionally recommended

Control with Limit & Proximity Switches

- Function and end position switches
- Sensor principles: mechanic, inductive and capacitive final position switch
- Controlling systems with end position switches.
- Use of contactor technology, small controllers, or SPC

End position switches register the maximum positions in systems. Depending on the application, final position switches can be built with mechanical, inductive, or capacitive sensors. Material, touchless operation, switching operation voltages and environmental conditions are criteria that go into selection. The learning system helps students to differentiate between the individual end position switches and use them in typical experiments.

Topics

- Final position stop
- Automatic reverse switching
- Dahlander reverse switching