



### E6.5.2

#### INDUSTRIAL CONTROLS

##### E6.5.2.4

##### Fault Simulator: Contactor Circuits

Fault Simulator: Contactor Circuits (E6.5.2.4)

Cat. No.	Description	E6.5.2.4
773 030	Fault simulator for Contactor circuits	1
8-5 305062-000-10-0	LIT: Fault simulator	1
727 292	Voltage detector	1
732 203	Squirrel cage motor basic 400/690/0.3	1*
732 24	Squirrel cage motor D 0.3	1*
731 07	Shaft end guard 0.3	1*
730 90	Gear w.2 Switch Arms 0.1/0.3	1*
731 06	Coupling 0.3	1*
731 081	Coupling guard 0.3 transparent	1*
730 93	Limit Switch 1NO 1NC	2*
500 851	Safety connecting leads, 32 A, set of 32	1*
500 640	Safety connecting lead, 100 cm, yellow/green	2*

\* additionally recommended

#### Fault Simulator: Contactor Circuits

Fault localisation in contactor circuits. Compact device with integrated fault simulation.

#### Educational objectives

- Function of contactor circuits
- Fault localisation in contactor circuits

Compact device for systematic error detection in conventional contactor circuits. By masking different masks, only the measurement and connection points which are important for the circuit depicted on the mask are released.

On the left side of the device is behind a lockable door the control panel for the instructor, which contains next to the protection devices, the mask selector switch also error switch.

Students should learn a systematic error search with the help of voltage- and continuity testers.

*The error analysis is carried out in 4 steps*

- Description of the error
- Suppose cause
- Error detection by measurement
- Description Test method