

**IT.0360.A/S**  
**KIT FOR PRACTICE ON INDUSTRIAL**  
**INSTALLATIONS**

It includes all the component necessities to carry out the program of practical exercises. Components are of industrial type and can be mounted on panels type 0320-0325. The connections are made as in the real installations. The practical kit allows to teach practically the student to realise the wiring of the plant

**Kit composition:**

- Cable ties
- Red 4mm ring terminal
- Red 4mm spade terminal
- Red pin terminal
- Accessories for fixing on Din rail
- 3P+N C10 4,5K circuit breaker
- Brown 1,0mm cable
- Black 1,0mm cable
- Blue 1,5mm cable
- Grey 1,5mm cable
- Yellow/green 1,5mm cable
- Normally closed contact
- NO + NC contact
- Red push-button
- Green push-button
- Yellow push-button
- 4 contacts 230V AC relay
- Din socket for LY4 relay
- Orange pilot lamp 220V
- Red pilot lamp 220V
- Green pilot lamp 220V
- Thermal overload relay 0,9-1,5A
- Contactors 4P 220CA 20A 3NC+1NO
- Instantaneous auxiliary contact 1NC+1NO
- Delayed auxiliary contact
- 3P 12A 0-1 switch
- Reversing switch 1-0-2
- Star-delta switch
- 1PH 25A 1KV bridge rectifier
- Roller limit switch
- Omega bar w/holes 25x4,5



It is possible to carry out the following exercises:

- Triple pole on/off switch
- Magnetic/thermal motor protection circuit breaker
- Connection and measuring exercises
- Numbering of contacts
- Inching
- Latching contactor circuit
- Motor protection with overlay relay
- Contactor switching from two positions
- Contactor switching from several position
- Contactor sequence control
- Time relay
- Contactor circuit with time relay
- Contactor circuit with automatic timing
- Reversal of direction
- Reversal circuit contactor interlocked
- Reversal circuit pushbutton interlocked
- Reversal circuit contactor and pushbutton interlocked
- Reversal circuit double interlock, indirect
- Contactor reversal circuit
- Contactor reversal circuit, direct and indirect, selective
- Contactor circuit with limit switches
- Star/delta basis circuit
- Star/delta switch
- Star/delta contactor circuit manual
- Star/delta contactor circuit, automatic