

# Contactors and relays

## Electromagnetic modular contactors

### Purpose

Electromagnetic contactors in modular enclosures for direct mounting on TH-35 mm rail.

### Functioning

If the power supply voltage is applied to the contactor coil, the contact will switch. The activation status of the contactor is indicated by a red marker in the window. After a power failure, the contacts return to their original position.

## ST25 / ST25-...-M

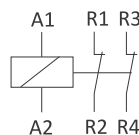


## ST40 / ST40-...-M

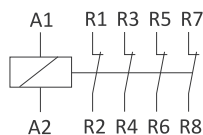
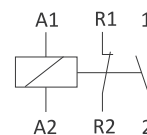


| Type of the device | Contacts  | Current of main current circuit [A] | Total power AC-1 230 V [kW] | Total power AC-3 230 V [kW] | Voltage of power supply of the coil | Power consum. [W] | Dimensions [module] | Weight [g] | Screw terminals [mm <sup>2</sup> ] |
|--------------------|-----------|-------------------------------------|-----------------------------|-----------------------------|-------------------------------------|-------------------|---------------------|------------|------------------------------------|
| ST20-20            | 2×NO      | 20                                  | 3,2                         | 1,0                         | 230 V AC                            | 1,2               | 1                   | 118        | 4                                  |
| ST25-02-24 DC      | 2×NC      | 25                                  | 4                           | 1,3                         | 24 V DC                             | 1,2               | 1                   | 106        | 4                                  |
| ST25-11-24 DC      | 1×NO+1×NC | 25                                  | 4                           | 1,3                         | 24 V DC                             | 1,2               | 1                   | 106        | 4                                  |
| ST25-11            | 1×NO+1×NC | 25                                  | 4                           | 1,3                         | 230 V AC                            | 1,2               | 1                   | 106        | 4                                  |
| ST25-20-24 DC      | 2×NO      | 25                                  | 4                           | 1,3                         | 24 V DC                             | 1,2               | 1                   | 106        | 4                                  |
| ST25-20            | 2×NO      | 25                                  | 4                           | 1,3                         | 230 V AC                            | 1,2               | 1                   | 106        | 4                                  |
| ST25-20-24         | 2×NO      | 25                                  | 4                           | 1,3                         | 24 V AC                             | 1,2               | 1                   | 106        | 4                                  |
| ST25-20-M          | 2×NO      | 25                                  | 4                           | 1,3                         | 230 V AC                            | 1,2               | 1                   | 106        | 4                                  |
| ST25-22            | 2×NO+2×NC | 25                                  | 9                           | 2,2                         | 230 V AC                            | 4,0               | 2                   | 168        | 6                                  |
| ST25-30            | 3×NO      | 25                                  | 9                           | 2,2                         | 230 V AC                            | 4,0               | 2                   | 168        | 6                                  |
| ST25-31            | 3×NO+1×NC | 25                                  | 9                           | 2,2                         | 230 V AC                            | 4,0               | 2                   | 168        | 6                                  |
| ST25-31-24         | 3×NO+1×NC | 25                                  | 9                           | 2,2                         | 24 V AC                             | 4,0               | 2                   | 168        | 6                                  |
| ST25-40            | 4×NO      | 25                                  | 9                           | 2,2                         | 230 V AC                            | 4,0               | 2                   | 168        | 6                                  |
| ST25-40-24 AC/DC   | 4×NO      | 25                                  | 9                           | 2,2                         | 24 V AC/DC                          | 4,0               | 2                   | 168        | 6                                  |
| ST25-40-24         | 4×NO      | 25                                  | 9                           | 2,2                         | 24 V AC                             | 4,0               | 2                   | 168        | 6                                  |
| ST25-40-M          | 4×NO      | 25                                  | 9                           | 2,2                         | 230 V AC                            | 4,0               | 2                   | 168        | 6                                  |
| ST25-04            | 4×NC      | 25                                  | 9                           | 2,2                         | 230 V AC                            | 4,0               | 2                   | 168        | 6                                  |
| ST40-04            | 4×NC      | 40                                  | 16                          | 5,5                         | 230 V AC                            | 6,4               | 3                   | 241        | 16                                 |
| ST40-22            | 2×NO+2×NC | 40                                  | 16                          | 5,5                         | 230 V AC                            | 6,4               | 3                   | 241        | 16                                 |
| ST40-31            | 3×NO+1×NC | 40                                  | 16                          | 5,5                         | 230 V AC                            | 6,4               | 3                   | 241        | 16                                 |
| ST40-40            | 4×NO      | 40                                  | 16                          | 5,5                         | 230 V AC                            | 6,4               | 3                   | 241        | 16                                 |
| ST40-40-24         | 4×NO      | 40                                  | 16                          | 5,5                         | 24 V AC                             | 6,4               | 3                   | 241        | 16                                 |
| ST40-40-M          | 4×NO      | 40                                  | 16                          | 5,5                         | 230 V AC                            | 6,4               | 3                   | 241        | 16                                 |
| ST63-31            | 3×NO+1×NC | 63                                  | 24                          | 8,5                         | 230 V AC                            | 6,4               | 3                   | 241        | 16                                 |
| ST63-40            | 4×NO      | 63                                  | 24                          | 8,5                         | 230 V AC                            | 6,4               | 3                   | 241        | 16                                 |
| ST63-40-24 AC/DC   | 4×NO      | 63                                  | 24                          | 8,5                         | 24 V AC/DC                          | 6,4               | 3                   | 241        | 16                                 |
| ST63-40-24         | 4×NO      | 63                                  | 24                          | 8,5                         | 24 V AC                             | 6,4               | 3                   | 241        | 16                                 |
| ST63-40-M          | 4×NO      | 63                                  | 24                          | 8,5                         | 230 V AC                            | 6,4               | 3                   | 241        | 16                                 |
| ST100-20           | 2×NO      | 100                                 | 22                          | 8,0                         | 230 V AC                            | 6,4               | 3                   | 305        | 25                                 |
| ST100-40           | 4×NO      | 100                                 | 38                          | 13,0                        | 230 V AC                            | 9,0               | 6                   | 617        | 25                                 |

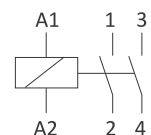
## ST63 / ST63-...-M



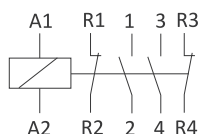
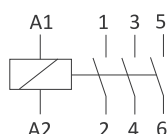
ST25-02

ST25-04  
ST40-04

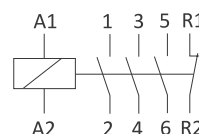
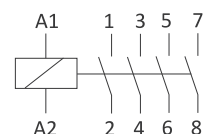
ST25-11

ST20-20  
ST25-20  
ST100-20

## ST100

ST25-22  
ST40-22

ST25-30

ST25-31  
ST40-31  
ST63-31ST25-40  
ST40-40  
ST63-40  
ST100-40