**Electronic Switch Actuator, 4-fold, MDRC**

For the static switching of resistive loads or the control of heating systems and cooling ceilings via electrothermal valve drives. Installation onto a mounting rail in electrical distribution boards or panel boards for heating systems. The device is operated either with direct or alternating voltage (24 V ... 230 V AC/DC) and has four non-isolated outputs which carry out switching operations both noise-free and with a low rate of wear. The control is carried out via the bus either using switching commands (two-step controller) or positioning commands (continuous controller). The latter are converted into pulse-width modulated switching commands by the switch actuator. The following can be preselected for each output: status response, forced position and flushing to prevent the valve from becoming stuck in position.

- **Power supply**: 24 V ... 230 V AC/DC
- **Outputs**: 4, potentially bound
  - Continuous current: 0.7 A resistive load at $T_u = 45^\circ C$
  - Continuous current: 0.4 A resistive load at $T_u = 60^\circ C$
  - Starting current: max. 1 A, 10 s at $T_u = 60^\circ C$
- **Operating and display elements**
  - Yellow LED (per output): Status display
  - Green "ON" LED: Supply voltage and bus OK
  - Red LED: Fault (short circuit/overload)
- **Type of protection**: IP 20, EN 60 529
- **Connection**: Screw terminals
- **Bus connection**: Bus connection terminal
- **Installation**: on 35 mm mounting rail, DIN EN 60 715
- **Width**: 4 modules at 18 mm
- **Manufacturer**: ABB
- **Type**: ES/S 4.1.1
- **Material**: ....
  - Labour: ....