

Technical Data accessories

Front-mounted auxiliary contact units AX41

General parameters

Auxiliary contacts for Miniature Contactors Ex9CS and Ex9CSR, for subsequent mounting

Front-mounted version

1 unit can be used with a contactor

Do not limit a possibility to install overload relay Ex9R12

Electrical parameters

| | AX4104 | AX4113 | AX4122 | AX4131 | AX4140 |
|--|--|-------------|-------------|-------------|--------|
| Contacts | 4 NC | 1 NO + 3 NC | 2 NO + 2 NC | 3 NO + 1 NC | 4 NO |
| Tested according to | IEC/EN 60947-5-1 | | | | |
| Rated op. voltage U_e | 120 / 240 / 380 / 480 / 600 V AC, 125 / 250 V DC | | | | |
| Min. op. voltage per contact U_{min} | 17 V AC, 3 V DC | | | | |
| Rated frequency | 50 Hz | | | | |
| Rated thermal current I_{th} | 10 A | | | | |
| Rated op. current I_e , ut. cat. AC-15 | 6A / 120 V, 3 A / 240 V, 1.9 A / 380 V, 1.5 A / 480 V, 1.2 A / 600 V | | | | |
| Rated op. current I_e , ut. cat. DC-13 | 0.55 A / 125 V, 0.27 A / 250 V | | | | |
| Min. operational current I_{min} | 5 mA AC, 5 mA DC | | | | |
| Rated impulse withstand voltage U_{imp} | 6 kV (1.2/50 ms) | | | | |
| Rated insulation voltage U_i | 690 V | | | | |
| Max. back-up fuse | 10 A gG/gL | | | | |
| Conditional short circuit current I_k with max. back-up fuse | 1 kA | | | | |

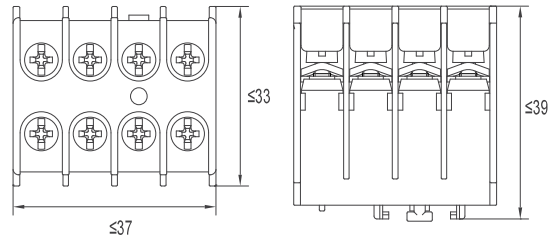
Mechanical parameters

| | AX4104 | AX4113 | AX4122 | AX4131 | AX4140 |
|-------------------------------|-----------------------|--------|--------|--------|--------|
| Device width | 33 mm | | | | |
| Device height | 39 mm | | | | |
| Frame size | 37 mm | | | | |
| Mounting | front onto Ex9CS | | | | |
| Degree of protection | IP20 | | | | |
| Terminals | lift | | | | |
| Terminal capacity | 1 — 6 mm ² | | | | |
| Fastening torque of terminals | 1 Nm | | | | |

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Dimensions



Wiring diagrams

