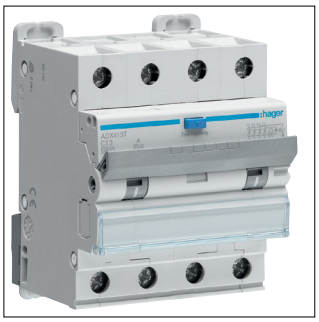
# Product Datasheet
ADX440T



ADX440T

**RCBO 4P 10kA C-40A 30mA A**

## Technical Features

| | |
|---|---|
| **Electric current** | |
| Rated current | 40 A |
| Rated residual operating current Idn | 30 mA |
| Rated current -25°C | 49.80 A |
| Rated current at -20°C | 49 A |
| Rated current -15°C | 48.20 A |
| Rated current -10°C | 47.30 A |
| Rated current -5°C | 46.50 A |
| Rated current at 0°C | 45.60 A |
| Rated current 5°C | 44.70 A |
| Rated current 10°C | 43.80 A |
| Rated current 15°C | 42.90 A |
| Rated current at 20°C | 42 A |
| Rated current 25°C | 41 A |
| Rated current 30°C | 40 A |
| Rated current 35°C | 38.90 A |
| Rated current at 40°C | 37.70 A |
| Rated current at 45°C | 36.50 A |
| Rated current at 50°C | 35.20 A |
| Rated current 55°C | 33.90 A |
| Rated current 60°C | 32.60 A |
| **Architecture** | |
| Curve | C |
| Number of poles | 4 |
| Neutral position | Right |
| Type of pole | 4P |
| Number of protected poles | 4 |
| **Capacity** | |
| Number of modules | 4 |
| **Safety** | |
| Residual current type | A |
| Ingress Protection (IP) class | IP20 |
| **Voltage** | |
| Type voltage supply | AC |
| **Electric current** | |
| Rated service breaking capacity Ics AC according to IEC 60898-1 | 7.50 kA |
| **Voltage** | |
| Rated operational voltage Ue | 230 - 415 V |
| Rated insulation voltage Ui | 500 V |
| Dielectric strength value of power frequency | 2 kV |
| Rated impulse withstand voltage Uimp | 4000 V |
| **Main electrical attributes** | |
| Rated short-circuit breaking capacity Icn AC according to IEC 60898-1 | 10 kA |
| **Installation, mounting** | |
| Nominal tightening torque down terminal | 2 - 2 Nm |
| Nominal tightening torque top terminal | 2 - 2 Nm |
| **Frequency** | |
| Frequency | 50 - 50 Hz |

| | |
|---|---|
| **Connection** | |
| Cross-section of input with screws, for flexible conductors | 1 - 16 $mm^2$ |
| Cross-section of input with screws, for massive conductors | 1 - 25 $mm^2$ |
| **Installation, mounting** | |
| Nominal tightening torque | 2 - 2 Nm |
| 360° mounting position possible | Yes |
| **Use conditions** | |
| Class of energy limitation $I^2t$ | 3 |
| Degree of pollution according to IEC 60664 / IEC 60947-2 | 2 |
| Operating temperature | -25 - 40 °C |
| **Dimensions** | |
| Height | 84 mm |
| Width | 71 mm |
| Depth | 70 mm |
| **Installation, mounting** | |
| Type of top connection for modular devices | Screw terminal |
| Type of bottom connection for modular devices | biconnect<br>Bypass |
| **Power** | |
| Total power loss under IN | 17.70 W |
| **Sustainability** | |
| RoHS conform | Yes |