



ADA190U

**RCBO Electronic 1M 1P 10kA C-40A 30mA A Class**

**Technical characteristics**

**Architecture**

|                  |                               |
|------------------|-------------------------------|
| Neutral position | right                         |
| Number of poles  | 1 P                           |
| Type of pole     | 1 P                           |
| Fixing mode      | DIN rail type O (symmetrical) |
| Curve            | C                             |

**Main electrical features**

|                              |             |
|------------------------------|-------------|
| Rated operational voltage Ue | 230 / 240 V |
| Frequency                    | 50 Hz       |

**Voltage**

|                                 |       |
|---------------------------------|-------|
| Rated insulation voltage        | 250 V |
| Max operating voltage           | 253 V |
| Rated impulse withstand voltage | 4 kV  |

**Electric current**

|  |       |
|--|-------|
| Rated residual operating current   | 30 mA |
| Rated short circuit breaking capacity Icn under 230V AC according IEC60898-1 | 10 kA |

**Electric current / temperature**

|                     |      |
|---------------------|------|
| Rating current 30°C | 40 A |
|---------------------|------|

**Dimensions**

|                             |         |
|-----------------------------|---------|
| Depth of installed product  | 70 mm   |
| Height of installed product | 110 mm  |
| Width of installed product  | 17.8 mm |

**Power**

|                           |         |
|---------------------------|---------|
| Total power loss under IN | 12.96 W |
|---------------------------|---------|

**Endurance**

|  |      |
|--|------|
| Electric endurance in number of cycles | 2000 |
| Number of mechanical operations        | 1000 |

**Installation, mounting**

|                   |       |
|-------------------|-------|
| Tightening torque | 2,1Nm |
|-------------------|-------|

**Connection**

|                    |            |
|--------------------|------------|
| Type of connection | with screw |
|--------------------|------------|

**Standards**

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|                         |                          |
|-------------------------|--------------------------|
| Standard text           | IEC 61009-1 ; EN 61009-1 |
| European directive WEEE | concerned                |

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**Safety**

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|-----------------------|------|
| Protection index IP   | IP2X |
| Residual current type | A    |

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