

# Product datasheet

Specifications



## RelayAux - instantaneous fast trip relay - 8 C/O - pick-up time < 8 ms - 110 VDC

REL91253

⚠ Discontinued on: 26 Mar 2026

⚠ Discontinued

### Main

|                              |   |
|------------------------------|---|
| Range of product             | RelayAux  |
| Product or component type    | Instantaneous fast trip relay   |
| Coil type                    | High consumption  |
| [Uc] control circuit voltage | 110 V DC (- 20 % + 10 % Un)   |
| type of connectors           | REL91351 (front connection socket)<br>REL91356 (flush mounting socket)                        |
| status LED                   | With  |
| Control type                 | Test button   |
| Local signalling             | Mechanical indicator (red) for contact position<br>LED<br>Flag (red) for relay trip indicator |

### Complementary

|  |  |
|--|--|
| Contacts type and composition          | 8 C/O  |
| insulation resistance measurements     | > 100 MOhm at 500 V DC conforming to IEC 60255-5   |
| [Uimp] rated impulse withstand voltage | 5 kV during 1.2/50 µs conforming to IEC 60255-5  |
| Contacts material                      | AgNi   |
| permanent current                      | 10 A   |
| instantaneous current                  | 30 A during 1 s<br>80 A during 200 ms<br>200 A during 10 ms  |
| maximum making capacity                | 40 A during 0.5 s at 110 V DC  |
| Mechanical durability                  | 10000000 cycles  |
| consumption in permanence (Un)         | High consumption: 300 W - peak (< 2 ms)  |
| pick-up time                           | 8 ms   |
| maximum contact resistance             | 30 mOhm  |
| Inter contact distance                 | 1.2 mm   |
| Mechanical robustness                  | Shocks 11 ms (5 gn) conforming to IEC 60068-2-27<br>Bumps 16 ms (10 Gn) conforming to IEC 60068-2-29 |
| Height                                 | 50.4 mm  |
| Width                                  | 82.5 mm  |
| Depth                                  | 72 mm  |
| Product weight                         | 0.5 kg   |

Excluding VAT, FCA Jabal Ali & are subject to change – check with your local distributor.

## Environment

|  |  |
|--|--|
| <b>Dielectric strength</b>                   | 2 kV 50 Hz 1 min conforming to IEC 60255-5   |
| <b>maximum relative humidity</b>             | 93 % at 40 °C  |
| <b>Electromagnetic compatibility</b>         | <p>Conducted and radiated emissions criteria A conforming to EN 55022</p> <p>Conducted and radiated emissions criteria B conforming to EN 55022</p> <p>Electrostatic discharge - test level: 15 kV level 4 (air discharge) conforming to IEC 61000-4-2</p> <p>Electrostatic discharge - test level: 8 kV level 4 (contact discharge) conforming to IEC 61000-4-2</p> <p>Radiated radio-frequency electromagnetic field immunity test - test level: 10 V/m, 80 MHz...1 GHz level 3 conforming to IEC 61000-4-3</p> <p>Radiated radio-frequency electromagnetic field immunity test - test level: 10 V/m, 80 MHz...1 GHz level 3 conforming to ENV 50204</p> <p>Electrical fast transient/burst immunity test - test level: 4 kV, 5 kHz level 4 (1 min) conforming to IEC 61000-4-4</p> <p>Surge immunity test - test level: 2 kV level 3 (common mode) conforming to IEC 61000-4-5</p> <p>Surge immunity test - test level: 1 kV level 3 (differential mode) conforming to IEC 61000-4-5</p> <p>Conducted RF disturbances - test level: 10 V, 0.15...80 MHz level 3 conforming to IEC 61000-4-6</p> <p>Magnetic field at power frequency - test level: 100 A/m level 5 (continuous) conforming to IEC 61000-4-8</p> <p>Magnetic field at power frequency - test level: 1000 A/m level 5 (2 s) conforming to IEC 61000-4-8</p> <p>Damped oscillating waves - test level: 2.5 kV, 1 MHz level 3 (common mode) conforming to IEC 60255-22-1</p> <p>Damped oscillating waves - test level: 1 kV, 1 MHz level 3 (differential mode) conforming to IEC 60255-22-1</p> |
| <b>Environmental characteristic</b>          | <p>Exposure to cold in operation conforming to IEC 60068-2-1</p> <p>Exposure to cold in storage conforming to IEC 60068-2-1</p> <p>Continuous exposure to damp heat in storage 56 d (93 %) conforming to 40 °C conforming to IEC 60068-2-78</p> <p>Salt mist in storage conforming to ISO 9227</p> <p>Exposure to dry heat in operation conforming to IEC 60068-2-2</p> <p>Exposure to dry heat in storage conforming to IEC 60068-2-2</p>   |
| <b>Vibration resistance</b>                  | <p>1 gn (f = 58...150 Hz) conforming to IEC 60068-2-1</p> <p>+/- 0.075 mm (f = 10...58 Hz) conforming to IEC 60068-2-1</p>   |
| <b>IP degree of protection</b>               | IP40 conforming to IEC 60529   |
| <b>Ambient air temperature for operation</b> | -25...70 °C  |
| <b>Ambient air temperature for storage</b>   | -25...70 °C  |
| <b>Fire resistance</b>                       | 850 °C during 30 s   |
| <b>Operating altitude</b>                    | < 2000 m   |
| <b>Directives</b>                            | <p>89/336/EEC - electromagnetic compatibility</p> <p>72/23/EEC - low voltage directive</p> <p>92/31/EEC - electromagnetic compatibility</p> <p>93/68/EEC - low voltage directive</p>   |
| <b>Product certifications</b>                | <p>CE</p> <p>UL listed file E322124</p>  |

## Packing Units

|                                     |         |
|-------------------------------------|---------|
| <b>Unit Type of Package 1</b>       | PCE     |
| <b>Number of Units in Package 1</b> | 1       |
| <b>Package 1 Height</b>             | 5.04 cm |
| <b>Package 1 Width</b>              | 8.25 cm |
| <b>Package 1 Length</b>             | 7.2 cm  |
| <b>Package 1 Weight</b>             | 0.5 kg  |

## Contractual warranty





## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

### Use Better



#### Materials and Substances

Packaging made with recycled cardboard

No

Packaging without single use plastic

No

### Use Longer



#### Lifetime extension

Repair

No

### Use Again



#### Repack and remanufacture

Take-back

No