### AUXILIARY SUPPLY SUPERVISION RELAYS

**Model**

**RUT-4**

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**Applications**

Supervise only the auxiliary supply circuit of the protection equipments, avoiding false alarms due to short-time drop of supply.

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**Construction characteristics**

**Timing Contacts no.**

4 Changeover

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**Connections**

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**Options**

**Weight (g)**

250

**Dimensions (mm)**

(A) 42.5 x (B) 50.4 x (C) 96.6 (F large Type)

**Standard voltages**

24, 48, 72, 110, 125, 220 Vdc / 63.5, 110, 127, 230 Vac

**Voltage range**

±10% -20% U<sub>r</sub>

**Pick-up voltage**

See pick-up release voltage-temperature curves for standard relays

**Release voltage**

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**Consumptions in permanence**

4.5 W

**Operating time**

<20 ms

**Pick-up time**

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**Drop-out time**

To minimum voltage

**Maximum**

>100 ms

<400 ms

**Contacts**

**Contact material**

AgNi

**Contacts resistance**

<30 mΩ

**Distance between contacts**

1.8 mm

**Permanent current**

10 A

**Instantaneous current**

80 A during 200 ms / 200 A during 10 ms

**Max. making capacity**

40 A / 0.5 s / 110 Vdc

**Breaking capacity**

See breaking capacity curves (Contact Configuration Type A)

**Max. breaking capacity**

See value for 50,000 operations

**U<sub>max</sub> opened contact**

250 Vdc / 400 Vac

**Performance data**

**Mechanical endurance**

10³ operations

**Operating temperature**

-40°C - +55°C

**Storage temperature**

-40°C - +85°C

**Max. operating humidity**

93% / +40°C

**Operating altitude**

<2000 m

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1<sup>st</sup> Other voltage upon request
1<sup>st</sup> Guarantee data for relays just manufactured
1<sup>st</sup> Ask for higher altitudes