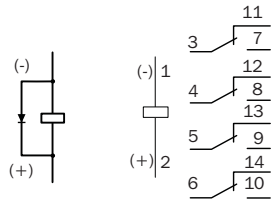


AUXILIARY SUPPLY SUPERVISION RELAYS

Model	RUT-4
Applications	Supervise only the auxiliary supply circuit of the protection equipments, avoiding false alarms due to short-time drop of supply
Construction characteristics	
Timing Contacts no.	4 Changeover
Connections	
Options	Options are not available
Weight (g)	250
Dimensions (mm)	42,5 x 50,4 x 96,6 (F short Type)
Coil characteristics	
Standard voltages ⁽¹⁾	24, 48, 72, 110, 125, 220 Vdc
Voltage range	+10% -20% U _N
Pick-up voltage	See pick-up release voltage-temperature curves for standard relays
Release voltage	See pick-up release voltage-temperature curves for standard relays
Consumptions in permanence	3,9 W
Operating time	
Pick-up time	<20 ms
Drop-out time	To minimum voltage Maximum
	>100 ms <400 ms
Contacts	
Contact material	AgNi
Contacts resistance ⁽²⁾	≤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 _{max} opened contact	250 Vdc / 400 Vac
Performance data	
Mechanical endurance	10 ⁷ operations
Operating temperature	-10°C +55°C
Storage temperature	-30°C +70°C
Max. operating humidity	93% / +40°C
Operating altitude ⁽³⁾	<2000 m

⁽¹⁾ Other voltage upon request

⁽²⁾ Guarantee data for relays just manufactured

⁽³⁾ Ask for higher altitudes