

AUXILIARY SUPPLY SUPERVISION RELAYS

Model

RUT-4



Applications

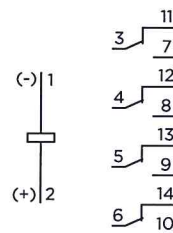
Supervise only the auxiliary supply circuit of the protection equipments, avoiding false alarms due to short-time drop of supply

Construction characteristics

Timing Contacts no.

4 Changeover

Connections



Options	With OP options. See model selection table.	
Weight (g)	250	
Dimensions (mm)	(A) 42,5 x (B) 50,4 x (C) 96,6 (F large Type)	
Coil characteristics		
Standard voltages ⁽¹⁾	24, 48, 72, 110, 125, 220 Vdc / 63,5 , 110 , 127 , 230 Vac	
Voltage range	+10% -20% U _N	
Pick-up voltage	See pick-up release voltage-temperature curves for standard relays	
Release voltage		
Consumptions in permanence	4,5 W	
Operating time		
Pick-up time	<20 ms	
Drop-out time		
	To minimum voltage	>100 ms
	Maximum	<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	-40°C +55°C	
Storage temperature	-40°C +85°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

