Presentation of Sepam series 10



Sepam series 10.

Sepam series 10 is a high-quality protection relay that represents the most costeffective solution available for essential protection functions. Highly ergonomic, it is easy to install and set up.

Sepam series 10 specifics

Sepam series 10 monitors phase and/or earth-fault currents. Three models meet a wide range of different needs:

- N: Sepam series 10 N protects against earth faults
- B: Sepam series 10 B protects against overloads, phase-to-phase faults and earth
- A: Sepam series 10 A provides the same functions as model B, but with a communication port, more inputs and outputs, and additional protection and monitoring functions.

Simplicity

- easy operation screen, keys, pictograms, etc., good ergonomics
- fast set-up installation, wiring, parameter setting directly on the relay without
- easy stock management a single box, no accessories.

Reliability

- guaranteed protection of life and property high-quality product, compliance with standards, continuous self-test
- safety of operating personnel all accessible parts are made of insulating materials, light and compact product with no sharp edges
- environmentally friendly compliance with the European RoHS directive, low energy consumption, manufacture in factory certified ISO 14001.

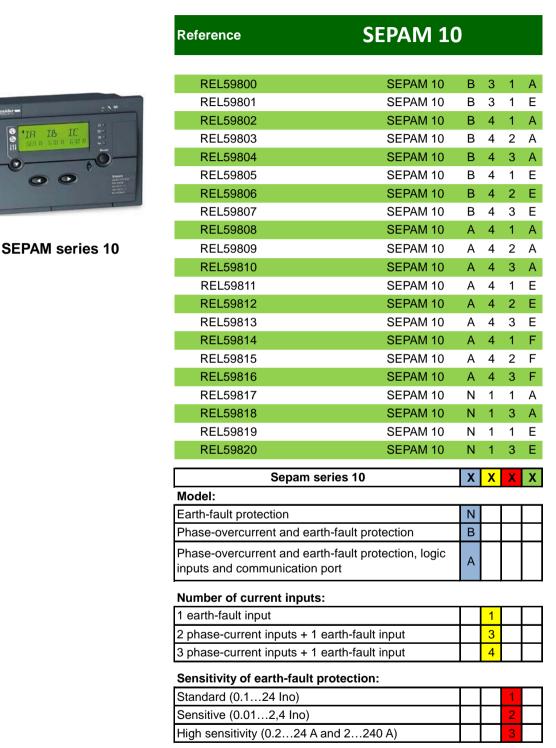
Productivity

- attractive, cost-effective product easy to understand, no unnecessary complications, suited to user needs
- improved availability of electricity precise tripping set points and times, logic discrimination, detailed information made spontaneously available to operator following tripping.
- reduced maintenance costs continuous self-tests to extend periods between maintenance.

Functions			ANSI	Sepam series 10		
			code	N	В	Α
Protections						
Earth-fault protection		Standard	50N/51N			
		Sensitive				
		High sensitivity				
Phase-overcurrent protection		50/51			•	
Thermal overload protection			49RMS		•	•
Phase-overcurrent and ea cold load pick-up	arth fault protection	n			•	•
Logic discrimination	blocking send	l	68			
	blocking rece	ption				•
External tripping						
Measurements						
Earth-fault current					=	
Phase currents					-	
Peak demand currents					=	
Control and supervision	า					
Circuit breaker tripping and lockout			86	•	•	•
Tripping indication					•	•
Trip-circuit supervision						•
Remote circuit-breaker control						•
Record of last fault						•
Record of last five events						
Communication						
Modbus						•
IEC 60870-5-103						•
Inputs/Outputs (num	nber)					
Earth-fault current inputs				1	1	1
Phase-current inputs				-	2 or 3	3
Logic relay outputs				3	3	7
Logic inputs				-	-	4
Communication port				-	-	1
■ Function available.						

[□] Function availability depends on the Sepam model.





Supply voltage:

24...125 V DC and 100...120 V AC 110...250 V DC and 100...240 V AC

220...250 V DC and high-threshold logic inputs

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