Transformer applications
Transformer feeder protection

- Transformer short-circuit and overload protection
- Internal transformer protection: Thermostat / Buchholz (ANSI 26/63)
- RTD temperature monitoring (ANSI 49T).

Transformer feeder protection without voltage monitoring: Sepam T20, T24

Earth fault protection:
- Primary: 50G/51G.
- Neutral point: 50G/51G.

Transformer feeder protection with voltage monitoring: Sepam T40, T50, T60 or T81

Earth fault protection:
- Primary: 50G/51G.

Note: for long feeders, the 50G/51G function may be replaced by the 67N/67NC.
Transformer applications
Transformer feeder protection

Transformer feeder protection with voltage monitoring and additional current measurement: Sepam T81
Earth fault protection:
- primary: 50G/51G
- tank earth leakage: 50G/51G.

Earth fault protection:
- primary: 50G/51G
- secondary: 50G/51G.

Note: for long feeders, the 50G/51G function may be replaced by the 67N/67NC.

Transformer feeder differential protection: Sepam T87
Transformer differential protection: 87T
Earth fault protection:
- primary: 50G/51G.

Earth fault protection:
- primary: 50G/51G
- secondary:
  - 64REF
  - 50G/51G.

Earth fault protection:
- primary:
  - 64REF
  - 50G/51G
- secondary:
  - 64REF
  - 50G/51G.
Transformer applications
Transformer incomer protection

- transformer short-circuit and overload protection
- internal transformer protection: Thermostat / Buchholz (ANSI 26/63)
- RTD temperature monitoring (ANSI 49T).

Transformer incomer protection without voltage monitoring: Sepam T20, T24
Earth fault protection:
- secondary: 50G/51G.

Transformer incomer protection with voltage monitoring: Sepam T40, T50, T60 or T81
Earth fault protection:
- secondary: 50G/51G.
- neutral point: 50G/51G.
Transformer applications
Transformer incomer protection

Transformer incomer differential protection: Sepam T87
Transformer differential protection: 87T
Earth fault protection:
- primary: 50G/51G
- secondary: 50G/51G.

Earth fault protection:
- primary: 50G/51G
- secondary: 64REF
- secondary: 50G/51G.

Earth fault protection:
- primary: 50G/51G
- secondary: 50G/51G.

Earth fault protection:
- primary: 50G/51G
- secondary: 50G/51G.

Protection of 2 non-coupled transformer incomers: Sepam T60 or T81
- automatic source transfer (ATS)
- synchro-check (ANSI 25).
Parallel transformer incomer protection: Sepam T42, T52, T62 or T82
- transformer directional phase overcurrent protection: 67
- transformer secondary earth fault protection: 50G/51G, 59N.

Transformer applications
Transformer incomer protection

Parallel transformer differential protection: Sepam T87
- transformer differential protection: 87T
- directional transformer protection: 67
- transformer secondary earth fault protection: 50G/51G, 67N/67NC 64REF.