

Transformer applications

Transformer feeder protection

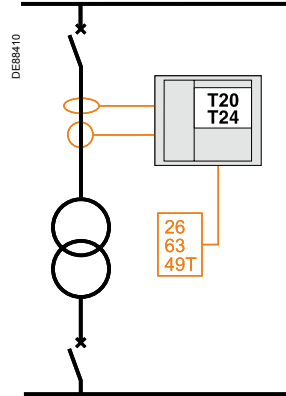
Transformer feeder protection

- 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

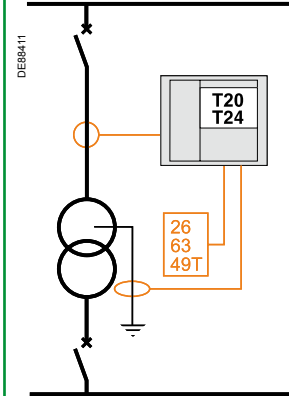
Earth fault protection:

- primary: 50G/51G.



Earth fault protection:

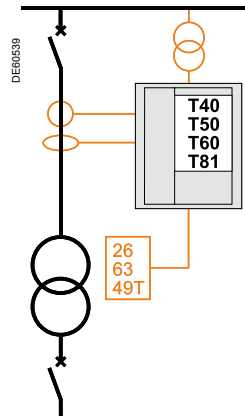
- neutral point: 50G/51G.



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

Earth fault protection:

- primary: 50G/51G.



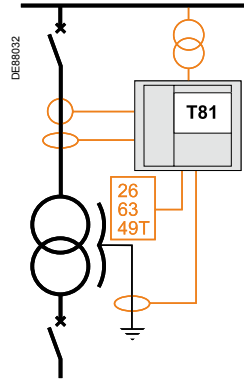
Note: for long feeders, the 50G/51G function may be replaced by the 67N/67NC.

Transformer applications

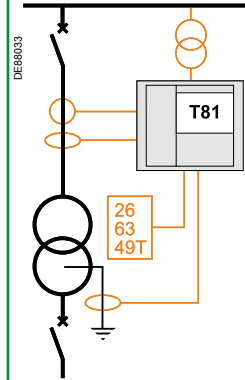
Transformer feeder protection

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.

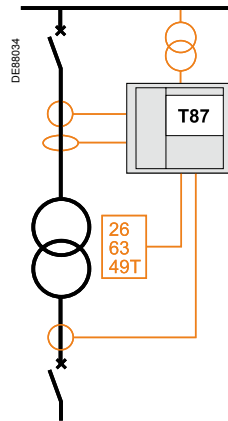


Note: for long feeders, the 50G/51G function may be replaced by the 67N/67NC.

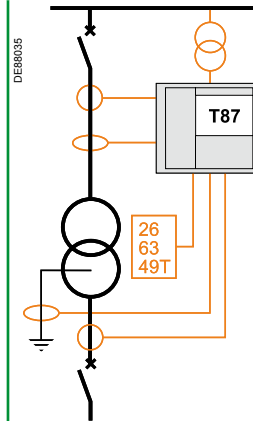
Transformer feeder differential protection: Sepam T87

Transformer differential protection: 87T

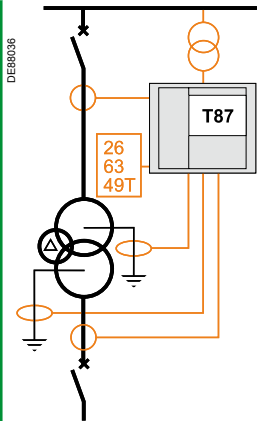
Earth fault protection:
 ■ primary: 50G/51G.



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



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



Transformer applications

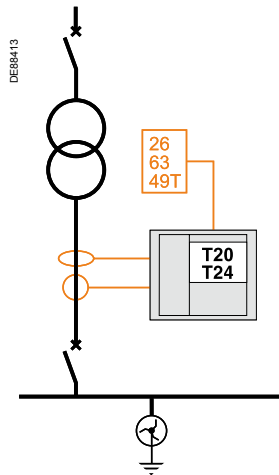
Transformer incomer protection

Transformer incomer protection

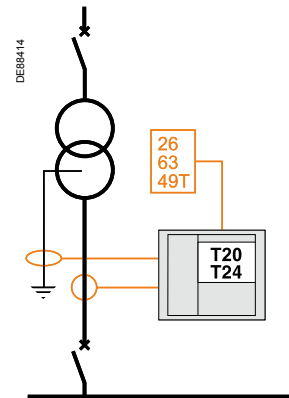
- transformer short-circuit and overload protection
- internal transformer protection: Thermostat / Buchholz (ANSI 26/63)
- RTD temperature monitoring (ANSI 49T).

Transformer incomer protection without voltage monitoring: Sepam T20, T24

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

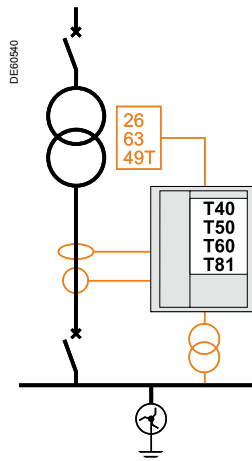


- Earth fault protection:
- neutral point: 50G/51G.

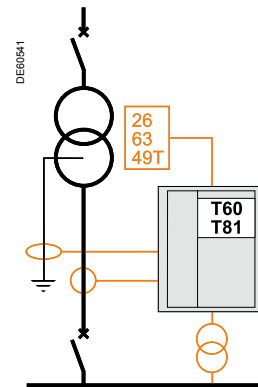


Transformer incomer protection with voltage monitoring: Sepam T40, T50, T60 or T81

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



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



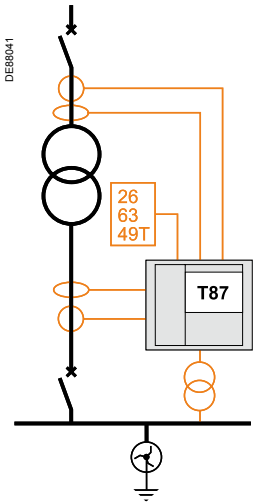
Transformer applications

Transformer incomer protection

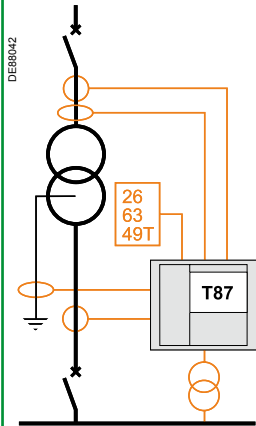
Transformer incomer differential protection: Sepam T87

Transformer differential protection: 87T

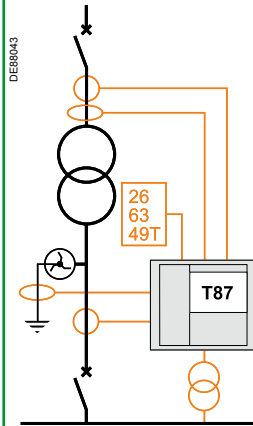
- Earth fault protection:
- primary: 50G/51G
 - secondary: 50G/51G.



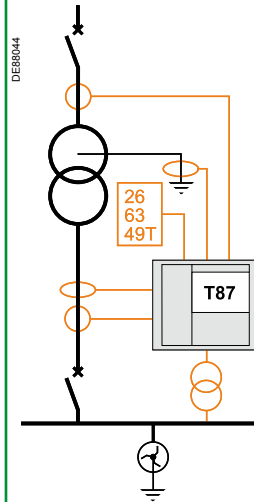
- Earth fault protection:
- primary: 50G/51G
 - secondary:
 - 64REF
 - 50G/51G.



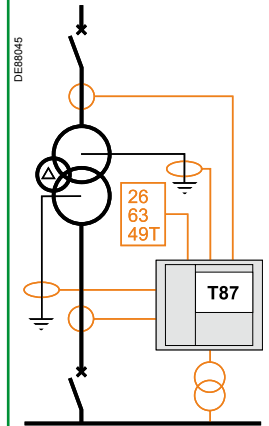
- Earth fault protection:
- primary: 50G/51G
 - secondary:
 - 64REF
 - 50G/51G.



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

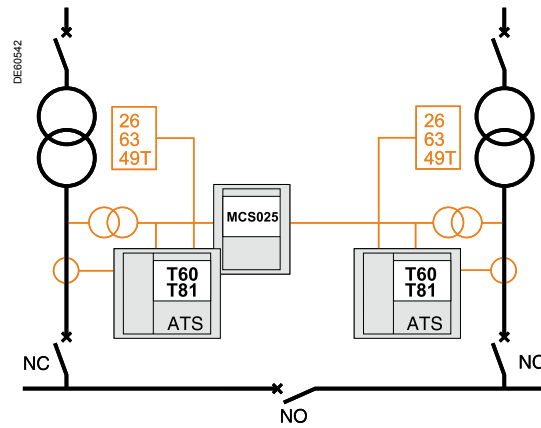


- Earth fault protection:
- primary:
 - 64REF
 - 50G/51G
 - secondary:
 - 64REF
 - 50G/51G.



Protection of 2 non-coupled transformer incomers: Sepam T60 or T81

- automatic source transfer (ATS)
- synchro-check (ANSI 25).

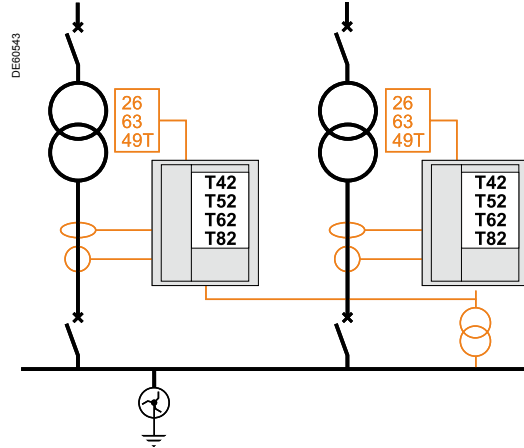


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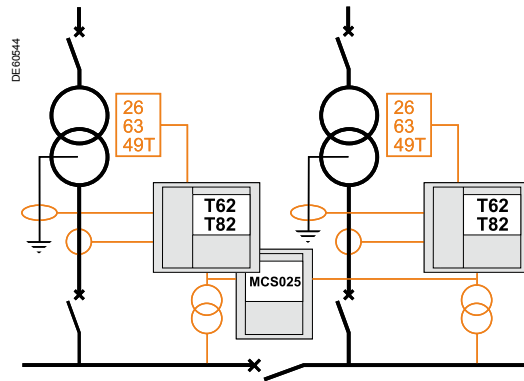
Transformer incomer protection

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 directional phase overcurrent protection: 67
- transformer secondary earth fault protection: 67N/67NC, 64REF
- with synchro-check (ANSI 25).



Parallel incomer differential protection: Sepam T87

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

