

Show, by means of a neat, fully labelled circuit diagram, how these single-phase transformers are connected to form a delta-star transformer.

A 90 kVA, three-phase, delta-star connected transformer is supplied at 2,2 kV. If the secondary phase voltage is 240 V, calculate:

8.2.1 The turns ratio of the transformer

8.2.2 The primary line current

8.2.3 The current delivered to the load while the transformer is working at full load

TRANSFORMERS

3-Phase Transformers

ELECTROTECHNOLOGY (3×2) N3

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**Resource Dynamics
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BASIC Electrotechnology discusses the applications of Beginner s All purpose Symbolic Instruction Code BASIC in engineering particularly in solving electrotechnology related problems The book is comprised of six chapters that cover several topics relevant to BASIC and electrotechnology Chapter 1 provides an introduction to BASIC and Chapter 2 talks about the use of complex numbers in a c circuit analysis Chapter 3 covers linear circuit analysis with d c and sinusoidal a c supplies The book also discusses the elementary magnetic circuit theory The theory and performance of two windi

Industrial Electronics, 2018 *Electrotechnology*, 1978

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