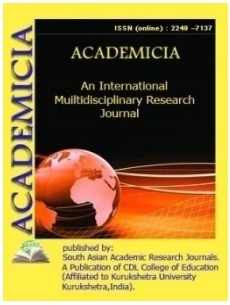
ISSN: 2249-7137 Vol. 11, Issue 7, July 2021 Impact Factor: SJIF 2021 = 7.492

ACADEMICIA
An International Multidisciplinary Research Journal
(Double Blind Refereed & Peer Reviewed Journal)



DOI: 10.5958/2249-7137.2021.01729.8

RESEARCH OF PROTECTION, OPERATING MODES AND PRINCIPLES OF CONTROL OF CAPACITOR UNITS (CU)

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ABSTRACT

Improving the device is one of the key issues in this regard, which is important in terms of the importance of the KU device in industrial reactive energy coverage and system management The device is basically 380 V, The protection with a capacity of 6,10 kV is selected taking into account the disconnection of capacitors from the on and off currents.

KEYWORDS: *Connection Diagram, To The Stator Terminal, To The Group RP, To The 0.4 Kv Switchgear, Individual, Group, Centralized, By Time, By Current, By Voltage, Low And High Voltage KU, Principles Of Current, Voltage, Time.*

LITERATURE

1. Kudrin B.I. Power supply for industrial enterprises. Textbook. -M .: Intermet Engineering, 2005.-672 p .: ill.
2. Steven W. Blume, Electric Power Sistem Basics, 2007.
3. Lipkin B.Yu. "Power supply of industrial enterprises and installations", Textbook. -M .: "High school", 1980
4. Taslimov AD, Rasulov AN Usmonov EG, Rafikova GR Power supply. Study guide. Science. - Tashkent: 2012
5. Sultonov R.A.U., Kodirov Kh. M.U., Mirzaliev B. B. The choice of mechanical electric motors used in the electric drive system // Problems of modern science and education. - 2019. - No. 11-2 (144).
6. Nosirovna N. N. et al. Energy saving technologies and problems of their implementation //Проблемысовременнойнаукииобразования. – 2019. – №. 12-2 (145).

7. Nosirovna, N. N., Kamolovich, K. N., No'Monjonov Shakhzod Dilshodjohn, O. G., & Bakhtiyorovich, M. B. (2019). Energy saving technologies and problems of their implementation. Problems of modern science and education, (12-2 (145)).

8. 8.Mirzaliyev B. B. THE PROCESS OF SWITCHING ON UNCHANGED VINE MACHINES //Theoretical & Applied Science. – 2020. – №. 1. – С. 772-776.

9. Boynazarov B. B., Shermatov B. A. U., Nematov Sh. M. U. Methods for calculating power losses in electrical networks // Problems of modern science and education. - 2019. - No. 12-2 (145).

10. Boynazarov BB et al. Development stages of the Stirling engine // Problems of modern science and education. - 2020. - No. 2 (147).

11. Zokirov, S. I., Sobirov, M. N., Tursunov, H. K., & Sobirov, M. M. (2019). Development of a hybrid model of a thermophotogenerator and an empirical analysis of the dependence of the efficiency of a photocell on temperature. *Journal of Tashkent Institute of Railway Engineers*, *15*(3), 49-57.

12. Kodirov H. M. U. CALCULATION OF THE THERMAL BALANCE OF A CONDENSER // Kronos: natural and technical sciences. - 2020. - No. 5 (33).

13. Mukhammadjonov, M. S., Tursunov, A. S., & Abduraximov, D. R. (2020). Automation of reactive power compensation in electrical networks. ISJ Theoretical & Applied Science, 05 (85), 615-618.