

DAFTAR PUSTAKA

- [1] S. F. Joko, E. Zondra, and A. Arlenny, "Analisis Kinerja Motor Induksi Tiga Phasa 2,2 kW Di PT. Max Power Indonesia," *SainETIn J. Sains Energi Teknol. Dan Ind.*, vol. 7, no. 2, Jun. 2023, doi: 10.31849/sainetin.v7i2.9639.
- [2] W. Fauzan, E. Sumarno, and M. R. Bachtiar, "Analisis Performa Motor Induksi Tiga Fasa Pada Kondisi Beban Penuh dan Tanpa Beban," *EPIC J. Electr. Power Instrum. Control*, vol. 8, no. 1, pp. 284–291, Jun. 2025, doi: 10.32493/epic.v8i1.58633.
- [3] A. Dani and D. Erivianto, "Studi Perbandingan Arus Start Motor Induksi Sistem Pengasutan Dol Dan Star Delta Menggunakan Automation Studio," *J. Indones. Sos. Teknol.*, vol. 4, no. 4, pp. 413–422, Apr. 2023, doi: 10.59141/jist.v4i4.602.
- [4] Rival Abder Rasul, Denny Irawan, and Rini Puji Astutik, "Analisa Pengasutan Motor 4.16 KV Sebagai Air Pengisi Boiler di PLTU Gresik," *J. Indones. Sos. Teknol.*, vol. 2, no. 1, pp. 128–136, Jan. 2021, doi: 10.36418/jist.v2i1.77.
- [5] Đ. Lazarević, M. Živković, Đ. Kocić, and J. Ćirić, "The utilizing Hall effect-based current sensor ACS712 for true RMS current measurement in power electronic systems," *Sci. Tech. Rev.*, vol. 72, no. 1, pp. 27–32, 2022, doi: 10.5937/str2201027L.
- [6] V. Lanisa and A. Rajagukguk, "Power Capacity and Speed Analysis for Elevator Motors at Madani Hospital Pekanbaru," *Int. J. Electr. Energy Power Syst. Eng.*, vol. 6, no. 2, pp. 156–160, Jun. 2023, doi: 10.31258/ijeepse.6.2.156-160.
- [7] I. Irhamullah, D. Supriyatna, and H. Abdillah, "SISTEM KERJA RANGKAIAN FORWARD-REVERSE PADA MOTOR 3 FASA," *J. Media Elektr.*, vol. 20, no. 1, pp. 1–4, Dec. 2022, doi: 10.59562/metrik.v20i1.5477.
- [8] Suparmono *et al.*, "Control System Design for 3 Storey Elevator Using PLC OPTA FINDER," *Int. J. Res. Vocat. Stud. IJRVOCAS*, vol. 4, no. 4, pp. 73–78, Jan. 2025, doi: 10.53893/ijrvocas.v4i4.384.
- [9] M. Affan, P. Siagian, and D. Erivianto, "Efficiency Analysis of A 3-Phase Induction Motor using a Variable Speed Drive as a Speed Controller at PT. Indonesia Asahan Aluminum," vol. 16, no. 02, 2026.
- [10] L. M. Hayusman, "Dasar Instalasi Tenaga Listrik".
- [11] S. Shaikh, D. Kumar, A. Hakeem, and A. M. Soomar, "Protection System Design of Induction Motor for Industries," *Model. Simul. Eng.*, vol. 2022, pp. 1–13, Aug. 2022, doi: 10.1155/2022/7423018.
- [12] S. Sunarto, "Rancang Bangun Alat Pengujian Karakteristik MCB Tipe B2, C2, dan D2," *JTERA J. Teknol. Rekayasa*, vol. 10, no. 2, p. 87, Jan. 2026, doi: 10.31544/jtera.v10.i2.2025.87-94.

- [13] Tiya Puspita and Ilham Akbar Darmawan, "Thermal Overload Relay (TOR) Sebagai Sistem Proteksi Motor Induksi 3 Fasa Pada Mesin Molding Biofuel Pelletizer Di PT. Sejin Lestari Furniture," *J. Tek. Mesin Ind. Elektro Dan Inform.*, vol. 2, no. 2, pp. 168–181, Jun. 2023, doi: 10.55606/jtmei.v2i2.1773.
- [14] R. Patel, "A Survey on PLC Programming Languages and Their Applications in Modern Industrial Automation Industry," *Int. J. Eng.*, vol. 10, no. 8, 2021.
- [15] R. Syahputra, H. Purwanto, R. O. Wiyagi, M. Y. Mustar, and I. Soesanti, "Analysis of Induction Motor Performance Using Motor Current Signature Analysis Technique," *J. Electr. Technol. UMY*, vol. 5, no. 1, p. PRESS, Jul. 2021, doi: 10.18196/jet.v5i1.11764.
- [16] W. A. Suteja and A. Surya Antara, "Analisis Sensor Arus Invasive ACS712 dan Sensor Arus Non Invasive SCT013 Berbasis Arduino," *PROtek J. Ilm. Tek. Elektro*, vol. 8, no. 1, pp. 13–21, May 2021, doi: 10.33387/protk.v8i1.2116.
- [17] Y. Sugiarto *et al.*, "Development of a Real-Time IoT-Based Monitoring System for 3-Phase Industrial Machines," vol. 29, no. 2, 2025.
- [18] I. R. Valendi, "Microcontroller-based automatic Granule Weighing device with Human Machine Interface (HMI) integration," vol. 02, no. 02, 2025.
- [19] A. S. P. Ananda, I. M. Ii Munadhif, I. R. Isa, R. Y. A. Ryan, and R. I. Rini, "Integrasi Sistem Komunikasi Modbus TCP/IP pada PLC Siemens S7-1200, ESP32, dan HMI," *J. Elektron. Dan Otomasi Ind.*, vol. 10, no. 2, pp. 234–244, Jul. 2023, doi: 10.33795/elkolind.v10i2.3254.
- [20] M. D. Bramasta, R. P. Astutik, and H. A. Winarno, "SMART IO PLC BERBASIS IOT MENGGUNAKAN MIKROKONTROLER ESP 32".
- [21] A. Bachri, A. B. Laksono, and B. Adams, "Design and Build an IoT-Based 3-Phase Electric Motor Protection System," *J. Electr. Eng.*, vol. 8, no. 1, 2025.
- [22] M. Fauziyah, M. Rifai, D. Sudha Paramartha, and M. Agus Idris, "PI Control For Rotation Speed Stability Of Induction Motor In Disc Mill Type Coffee Grinder," *J. Elektron. Dan Otomasi Ind.*, vol. 10, no. 3, pp. 490–496, Sep. 2023, doi: 10.33795/elkolind.v10i3.4679.