

Book α: Hardware Technical Documentation

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Chapter 1: Device Specifications & Datasheets

Catalogues

Product Type	Product Name / File Reference	Category	Files	Core Function	Last Updated
B2C	Fitting E27 Sensor Cahaya (LDR)	Lighting	https://www.canva.com/design/DA Gv2PRKdZ8/6UZwwFMWidop0M7HLIWLpg/edit	Auto lamp on/off by light intensity	21/10/2025
B2C	Bulb LED Sensor Gerak	Lighting	https://www.canva.com/design/DA Gv11w00GE/FXrWW09KZstm45c75CAiCw/edit?utm_content=DAGv11w00GE&utm_campaign=designshare&utm_medium=link2&utm_source=sharebutton	Motion-triggered LED bulb	21/10/2025
B2C	Stopkontak Timer Analog	Control Device	https://www.canva.com/design/DA Gv1tfj_c/YjD8YDw7JA-_cEhITjA_0w/edit?utm_content=DA Gv1tfj_c&utm_campaign=designshare&utm_medium=link2&utm_source=sharebutton	Power scheduling (manual dial)	21/10/2025

B2C	Fitting E27 Sensor PIR (Gerak)	Lighting	https://www.canva.com/design/DAGv1oKfQkY/uolip9id5bTld7BK5AX4ww/edit?utm_content=DAGv1oKfQkY&utm_campaign=designshare&utm_medium=link2&utm_source=sharebutton	Motion-based auto light	21/10/2025
B2C	Stopkontak Timer Digital	Control Device	https://www.canva.com/design/DAGv1TCmT10/1AjGGe9MUHXdfEk8--OEDg/edit?utm_content=DAGv1TCmT10&utm_campaign=designshare&utm_medium=link2&utm_source=sharebutton	Programmable power ON/OFF	21/10/2025
B2C	Fitting Jadwal	Lighting	https://www.canva.com/design/DAGv1aITUkw/e8ObVrPhcOoKH8M-0l7eew/edit?utm_content=DAGv1aITUkw&utm_campaign=designshare&utm_medium=link2&utm_source=sharebutton	Timed light activation	21/10/2025

B2B	Water Flow Sensor	Monitoring	https://www.canva.com/design/DAGuiv17LzU/IQ4jzqR0wvHLW3I5PQBhLA/edit?utm_content=DAGuiv17LzU&utm_campaign=designshare&utm_medium=link2&utm_source=sharebutton	Measures water usage	21/10/2025
B2B	Smart CT AC Status	Monitoring	https://www.canva.com/design/DAGug53AbpM/SeZjeMwEI2-eJR41wjhYGw/edit?utm_content=DAGug53AbpM&utm_campaign=designshare&utm_medium=link2&utm_source=sharebutton	Detects AC operational current	21/10/2025
B2B	Smart PLC Reader	Monitoring / Gateway	https://www.canva.com/design/DAGugvt2utA/sx8v1I4FIIn5zI959nsgTOQ/edit?utm_content=DAGugvt2utA&utm_campaign=designshare&utm_medium=link2&utm_source=sharebutton	Reads PLC data via Modbus	21/10/2025

B2B	Temperature & Humidity Sensor	Sensor	https://www.canva.com/design/DAGugtaWY6c/7bFiuvfzMSj_b8LT7-SMFQ/edit?utm_content=DAGugtaWY6c&utm_campaign=designshare&utm_medium=link2&utm_source=sharebutton	Measures temp & humidity	21/10/2025
B2B	Human Presence (LIDAR)	Sensor	https://www.canva.com/design/DAGugkEb548/TvVHEC6KlvndUZY-NfX5Vg/edit?utm_content=DAGugkEb548&utm_campaign=designshare&utm_medium=link2&utm_source=sharebutton	Radar-based motion presence	21/10/2025
B2B	Smart KWH	Monitoring	https://www.canva.com/design/DAGuimuZKkw/LFDn44CGCZsirndc8RZqUA/edit?utm_content=DAGuimuZKkw&utm_campaign=designshare&utm_medium=link2&utm_source=sharebutton	Measures energy consumption	21/10/2025

B2B	Smart Breaker	Control Device	https://www.canva.com/design/DAGul1gWJv8/kdaiSTH4TFAmxjIZWWPtqg/edit?utm_content=DAGul1gWJv8&utm_campaign=designshare&utm_medium=link2&utm_source=sharebutton	Remote circuit control	21/10/2025
B2B	Smart IR Remote	Control Device	https://www.canva.com/design/DAGujiSXh58/IRL2OspCL3uRVCcs7YyxCG/edit?utm_content=DAGujiSXh58&utm_campaign=designshare&utm_medium=link2&utm_source=sharebutton	Wireless control via IR	21/10/2025
B2B	Smart LDR (Light Diministy Resistance)	Sensor	https://www.canva.com/design/DAG2Y5vuT0U/zs8ILW0l0aGuIM1YT_9YPQ/edit	Light detection (LDR-based)	21/10/2025
TEMPLATE / MIXED	Smart Lamp Sensor Gerak-Cahaya	Lighting	https://www.canva.com/design/DAGskC3nOX0/_DVu7jkGGiVmbr2wdjG5w/edit?utm_content=DAGskC3nOX0&utm_campaign=designshare&utm_medium=link2&utm_source=sharebutton	Dual sensor (PIR + LDR)	21/10/2025

TEMPLATE / MIXED	Stop Kontak Smart Switch Power Meter	Control Device	https://www.canva.com/design/DAGsj9hAEVU/xBSkg5ay6SzXwIbFJKXgww/edit	Smart outlet + power monitoring	21/10/2025
TEMPLATE / MIXED	Fitting Lampu E27 Sensor PIR Motion	Lighting	https://www.canva.com/design/DAGskN-mzfk/DltciSu4Sbx5NQMMKOqWNQ/edit?utm_content=DAGskN-mzfk&utm_campaign=designshare&utm_medium=link2&utm_source=sharebutton	Motion detection lamp fitting	21/10/2025
TEMPLATE / MIXED	Stopkontak Timer 24 Jam Analog	Control Device		Scheduled power	21/10/2025

Chapter 2: B2B Devices Catalogue

1. Pendahuluan

1 Deskripsi

Fitting E27 Sensor Cahaya (Teras) adalahudukan lampu pintar yang dilengkapi sensor cahaya LDR (Light Dependent Resistor) untuk mengaktifkan atau mematikan lampu secara otomatis berdasarkan intensitas cahaya di sekitar.

2. Specifications

Jenis Soket	E27 (standar internasional)
Tegangan Kerja	220–240V AC, 50/60Hz
Beban Maksimal	60W (lampu LED, CFL, atau pijar)
Jenis Sensor	LDR (Light Dependent Resistor)
Fungsi Sensor	ON otomatis saat gelap, OFF otomatis saat terang
Ambang Deteksi Cahaya	±10–20 Lux
Waktu Respon	<2 detik setelah perubahan kondisi cahaya
Material Housing	Plastik tahan panas (fire-retardant ABS/PC)