



# Consumer unit L · Standard

Large house of 150–250 m<sup>2</sup>, usually two-storey — separate circuits for each floor, the garage and the garden — without solar PV or EV charger, replacing an old board with a new one with surge protection.

## PLN 4,046.70

incl. 23% VAT · PLN 3,290.00 excl. VAT · excluding delivery

Size **Size L — large house of 150–250 m<sup>2</sup>, about 22 circuits**  
Enclosure **72-module enclosure**

22 circuits in 4 groups of 4-pole Type A RCDs (30 mA), induction hob on a 3-phase circuit, T1+T2 surge protection. 72-module enclosure (4 rows × 18), devices take 48 — 33% spare.

### MOUNTING AND DIMENSIONS

Mounting **surface-mounted — enclosure on the wall**  
Enclosure dimensions **565 × 750 × 151 mm (W × H × D)**

Approximate dimensions — we confirm them against the data sheet of the selected enclosure in the order confirmation (before you cut the recess).



### CONTENTS

72-module enclosure · 4 rows · devices take 48

|                                                                                       |         |
|---------------------------------------------------------------------------------------|---------|
| Main switch, surge protection device, phase indicators, N/PE terminal bars            | 8 mod.  |
| 4-pole Type A residual current devices (RCDs) × 4 (circuit groups)                    | 16 mod. |
| Circuit breakers (MCBs) × 22 (sockets, lighting, appliances; induction hob — 3-phase) | 24 mod. |

### SPECIFICATIONS

DIN modules: **48 used of 72 (spare 24)** Circuits: **22 (max. 30 in this enclosure)**  
Residual current devices (RCDs): **4 × 4-pole 40 A, 30 mA, Type A — circuits split into groups**  
Surge protection device (SPD): **T1+T2**

Lead time: 5–10 working days from receipt of the deposit.

Included: wiring diagram, circuit chart, test report, EU declaration of conformity, 24-month warranty. Built to EN 61439-3 (PN-EN 61439-3). Technical documents are issued in Polish.

<https://svalcon.co.uk/products/l-standard>

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## CIRCUITS AND RCD GROUPS

Typical set of circuits for this size (board model shared by the shop and the workshop). Cable sizes are indicative — selected by length and installation method.

Circuit names and the diagram are in Polish.

| Ref. | Circuit / load                          | Protection | Poles | Phase | Cable | RCD |
|------|-----------------------------------------|------------|-------|-------|-------|-----|
| F1   | Gniazda — kuchnia (blat)                | B16        | 1P    | L3    | 3×2,5 | Q1  |
| F2   | Łazienka — gniazda                      | B16        | 1P    | L1    | 3×2,5 | Q1  |
| F3   | Pralka                                  | B16        | 1P    | L3    | 3×2,5 | Q1  |
| F4   | Gniazda — sypialnie                     | B16        | 1P    | L2    | 3×2,5 | Q1  |
| F5   | Oświetlenie zewnętrzne                  | B10        | 1P    | L3    | 3×1,5 | Q1  |
| F6   | Gniazda — sypialnia główna              | B16        | 1P    | L3    | 3×2,5 | Q1  |
| F7   | Oświetlenie — strefa dzienna            | B10        | 1P    | L1    | 3×1,5 | Q2  |
| F8   | Zmywarka                                | B16        | 1P    | L2    | 3×2,5 | Q2  |
| F9   | Oświetlenie — pomieszczenia gospodarcze | B10        | 1P    | L1    | 3×1,5 | Q2  |
| F10  | Łazienka 2 — gniazda                    | B16        | 1P    | L3    | 3×2,5 | Q2  |
| F11  | Gniazda — piętro (pokoje)               | B16        | 1P    | L2    | 3×2,5 | Q2  |
| F12  | Rezerwa 2                               | B16        | 1P    | L2    | 3×2,5 | Q2  |
| F13  | Gniazda — salon                         | B16        | 1P    | L2    | 3×2,5 | Q3  |
| F14  | Piekarnik                               | B16        | 1P    | L1    | 3×2,5 | Q3  |
| F15  | Gniazda zewnętrzne / ogród (IP44)       | B16        | 1P    | L3    | 3×2,5 | Q3  |
| F16  | Oświetlenie — piętro                    | B10        | 1P    | L1    | 3×1,5 | Q3  |
| F17  | Garaż / kotłownia                       | B16        | 1P    | L1    | 3×2,5 | Q3  |
| F18  | Płyta indukcyjna (3-fazowa)             | B16        | 3P    | L1–L3 | 5×2,5 | Q4  |
| F19  | Oświetlenie — sypialnie i korytarz      | B10        | 1P    | L2    | 3×1,5 | Q4  |
| F20  | Suszarka                                | B16        | 1P    | L2    | 3×2,5 | Q4  |
| F21  | Gniazda — pokój / biuro                 | B16        | 1P    | L1    | 3×2,5 | Q4  |
| F22  | Rezerwa                                 | B16        | 1P    | L1    | 3×2,5 | Q4  |

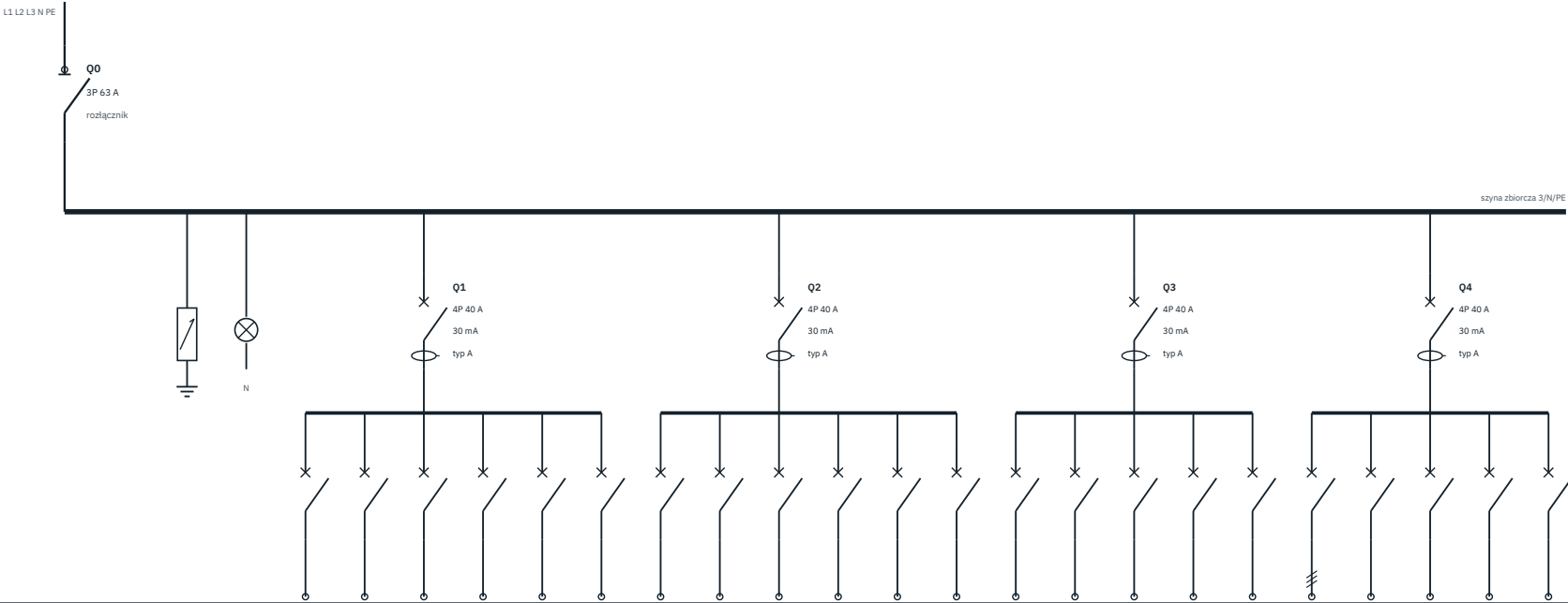
## RCD GROUPS

|    |                                                    |
|----|----------------------------------------------------|
| Q1 | RCD 4P 40 A 30 mA typ A: F1, F2, F3, F4, F5, F6    |
| Q2 | RCD 4P 40 A 30 mA typ A: F7, F8, F9, F10, F11, F12 |
| Q3 | RCD 4P 40 A 30 mA typ A: F13, F14, F15, F16, F17   |
| Q4 | RCD 4P 40 A 30 mA typ A: F18, F19, F20, F21, F22   |

Schemat jednokreskowy – Consumer unit L · Standard

marka wg dostępności · natynkowa · nr wzór

Zasilanie z licznika: 3/N/PE – 400/230 V 50 Hz · sieć TN-C-S · zabezpieczenie przedlicznikowe gG / B ≤ 32 A (typowo 25–32 A, wg warunków przyłączenia)



| Oznaczenie     | FV1   | H1     | F1    | F2    | F3    | F4    | F5    | F6    | F7    | F8    | F9    | F10   | F11   | F12   | F13   | F14   | F15   | F16   | F17   | F18   | F19   | F20   | F21   | F22   |
|----------------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Zabezpieczenie | T1+T2 | –      | B16   | B16   | B16   | B16   | B10   | B16   | B10   | B16   | B10   | B16   | B16   | B16   | B16   | B16   | B16   | B10   | B16   | B16   | B10   | B16   | B16   | B16   |
| Bieguny        | 3+1   | 3 × 1P | 1P    | 1P    | 1P    | 1P    | 1P    | 1P    | 1P    | 1P    | 1P    | 1P    | 1P    | 1P    | 1P    | 1P    | 1P    | 1P    | 1P    | 3P    | 1P    | 1P    | 1P    | 1P    |
| Faza           | L1–L3 | L1–L3  | L3    | L1    | L3    | L2    | L3    | L3    | L1    | L2    | L1    | L3    | L2    | L2    | L2    | L1    | L3    | L1    | L1    | L1–L3 | L2    | L2    | L1    | L1    |
| Przewód [mm²]  | –     | –      | 3×2,5 | 3×2,5 | 3×2,5 | 3×2,5 | 3×1,5 | 3×2,5 | 3×1,5 | 3×2,5 | 3×1,5 | 3×2,5 | 3×2,5 | 3×2,5 | 3×2,5 | 3×2,5 | 3×1,5 | 3×2,5 | 5×2,5 | 3×1,5 | 3×2,5 | 3×2,5 | 3×2,5 | 3×2,5 |
| Moc szac. [kW] | –     | –      | 2     | 2     | 2,2   | 1     | 0,2   | 1     | 0,4   | 2     | 0,2   | 2     | 1     | –     | 1,5   | 3     | 1     | 0,4   | 1,5   | 7,2   | 0,3   | 2,5   | 1     | –     |

Odbiornik

- Ogranicznik przepięć – PE
- Lampki obecności faz
- Gniazda – kuchnia (blat)
- Łazienka – gniazda
- Pralka
- Gniazda – sypialnie
- Oświetlenie zewnętrzne
- Gniazda – sypialnia główna
- Oświetlenie – strefa dzienna
- Zmywarka
- Oświetlenie – pomieszczenia gospodarcze
- Łazienka 2 – gniazda
- Gniazda – piętro (pokoje)
- Rezerwa 2
- Gniazda – salon
- Piekarnik
- Gniazda zewnętrzne / ogród (IP44)
- Oświetlenie – piętro
- Garaż / kotłownia
- Płyta indukcyjna (3-fazowa)
- Oświetlenie – sypialnie / korytarz
- Suszarka
- Gniazda – pokój / biuro
- Rezerwa

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Nr wzór · marka wg dostępności · obudowa – (6 × 12 mod.)

Wersja karta 2026-10-14 · 2026-10-25 · arkusz 1/1

SZKIC – do weryfikacji przez elektryka uprawnionego