



# Consumer unit S · Standard

Flat or small house up to about 80 m<sup>2</sup> with one kitchen — without solar PV or EV charger, replacing an old board with a new one with surge protection.

## PLN 1,955.70

incl. 23% VAT · PLN 1,590.00 excl. VAT · excluding delivery

Size **Size S — flat or small house up to approx. 80 m<sup>2</sup>, about 10 circuits**

Enclosure **36-module enclosure**

10 circuits in 2 groups of 4-pole Type A RCDs (30 mA), induction hob on a 3-phase circuit, T2 surge protection. 36-module enclosure (3 rows × 12), devices take 28 — 22% spare.

### MOUNTING AND DIMENSIONS

Mounting **surface-mounted — enclosure on the wall**

Enclosure dimensions **356 × 560 × 110 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

36-module enclosure · 3 rows · devices take 28

|                                                                                       |         |
|---------------------------------------------------------------------------------------|---------|
| Main switch, surge protection device, phase indicators, N/PE terminal bars            | 8 mod.  |
| 4-pole Type A residual current devices (RCDs) × 2 (circuit groups)                    | 8 mod.  |
| Circuit breakers (MCBs) × 10 (sockets, lighting, appliances; induction hob — 3-phase) | 12 mod. |

### SPECIFICATIONS

DIN modules: **28 used of 36 (spare 8)**

Circuits: **10 (max. 12 in this enclosure)**

Residual current devices (RCDs): **2 × 4-pole 40 A, 30 mA, Type A — circuits split into groups**

Surge protection device (SPD): **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/s-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   | Oświetlenie — strefa dzienna       | B10        | 1P    | L2    | 3×1,5 | Q1  |
| F2   | Gniazda — salon                    | B16        | 1P    | L1    | 3×2,5 | Q1  |
| F3   | Piekarnik                          | B16        | 1P    | L1    | 3×2,5 | Q1  |
| F4   | Zmywarka                           | B16        | 1P    | L3    | 3×2,5 | Q1  |
| F5   | Łazienka — gniazda                 | B16        | 1P    | L2    | 3×2,5 | Q1  |
| F6   | Gniazda — kuchnia (blat)           | B16        | 1P    | L3    | 3×2,5 | Q2  |
| F7   | Płyta indukcyjna (3-fazowa)        | B16        | 3P    | L1–L3 | 5×2,5 | Q2  |
| F8   | Pralka                             | B16        | 1P    | L2    | 3×2,5 | Q2  |
| F9   | Oświetlenie — sypialnie i korytarz | B10        | 1P    | L1    | 3×1,5 | Q2  |
| F10  | Gniazda — sypialnie                | B16        | 1P    | L3    | 3×2,5 | Q2  |

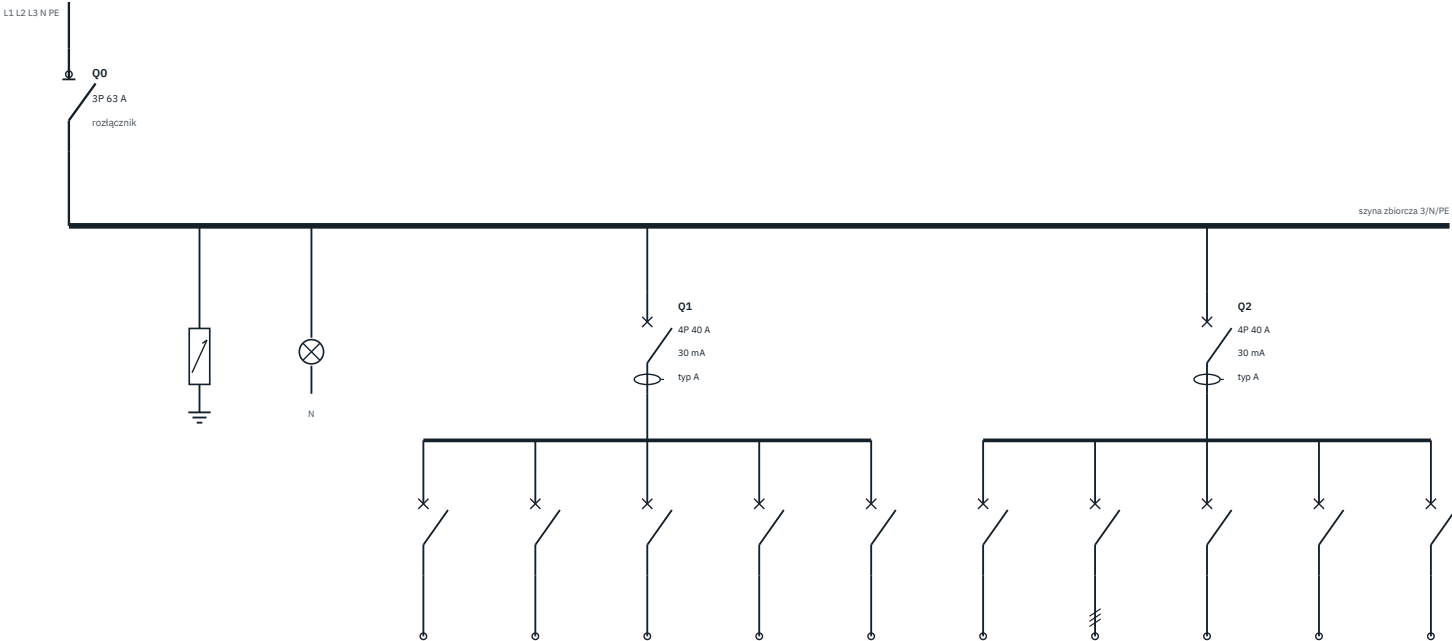
## RCD GROUPS

|    |                                              |
|----|----------------------------------------------|
| Q1 | RCD 4P 40 A 30 mA typ A: F1, F2, F3, F4, F5  |
| Q2 | RCD 4P 40 A 30 mA typ A: F6, F7, F8, F9, F10 |

Schemat jednokreskowy – Consumer unit S · 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   |
|----------------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Zabezpieczenie | T2    | –      | B10   | B16   | B16   | B16   | B16   | B16   | B16   | B16   | B10   | B16   |
| Bieguny        | 3+1   | 3 × 1P | 1P    | 1P    | 1P    | 1P    | 1P    | 1P    | 3P    | 1P    | 1P    | 1P    |
| Faza           | L1–L3 | L1–L3  | L2    | L1    | L1    | L3    | L2    | L3    | L1–L3 | L2    | L1    | L3    |
| Przewód [mm²]  | –     | –      | 3×1,5 | 3×2,5 | 3×2,5 | 3×2,5 | 3×2,5 | 3×2,5 | 5×2,5 | 3×2,5 | 3×1,5 | 3×2,5 |
| Moc szac. [kW] | –     | –      | 0,4   | 1,5   | 3     | 2     | 2     | 2     | 7,2   | 2,2   | 0,3   | 1     |

Odbiornik

- Ogranicznik przepięć → PE
- Lampki obecności faz
- Oświetlenie – strefa dzienna
- Gniazda – salon
- Piekarnik
- Zmywarka
- Łazienka – gniazda
- Gniazda – kuchnia (blat)
- Płyta indukcyjna (3-fazowa)
- Pralka
- Oświetlenie – sypialnie i korytarz
- Gniazda – sypialnie

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Nr wzór · marka wg dostępności · obudowa – (3 × 12 mod.)

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

SZKIC – do weryfikacji przez elektryka uprawnionego