



# Hybrid consumer unit L · flush-mounted · 12-port patch

Two-storey house: consumer unit and multimedia section in one enclosure, with spare space.

## PLN 6,396.00

incl. 23% VAT · PLN 5,200.00 excl. VAT · excluding delivery

Enclosure **72-module enclosure**

Some items have a preliminary price (new in our range) — we will confirm it when we check your order.

72-module enclosure with 4 DIN rows (20 circuits, 4 RCD groups, T1+T2 surge protection) and a multimedia section below a partition: 24 × RJ45 patch panel, space for the provider's router and terminal, 230 V power strip on a dedicated circuit.

### MOUNTING AND DIMENSIONS

|                           |                                                                      |
|---------------------------|----------------------------------------------------------------------|
| Mounting                  | <b>flush-mounted — back box built into the wall, frame with door</b> |
| Wall opening              | <b>560 × 1080 mm, depth 127 mm</b>                                   |
| Minimum wall thickness    | <b>150 mm</b>                                                        |
| Frame with door (visible) | <b>620 × 1110 mm</b>                                                 |

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) × 20 (sockets, lighting, appliances; induction hob — 3-phase)       | 22 mod. |
| Flush-mounted enclosure (back box for building into the wall, frame with door)              | —       |
| Multimedia section — hybrid enclosure with a partition separating it from the 230 V section | —       |
| Patch panel 12 × RJ45                                                                       | —       |
| 230 V power strip for network power supplies (4 sockets)                                    | —       |
| Dedicated protected 230 V socket circuit (RCBO)                                             | 2 mod.  |

### SPECIFICATIONS

DIN modules: **48 used of 72 (spare 24)**

Circuits: **20 (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**

Multimedia section: **behind a partition from the 230 V section: patch panel 12 × RJ45, space for the provider's router and terminal, 230**

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/hybrid-1?mounting=flush>

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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   | Oświetlenie zewnętrzne                  | B10        | 1P    | L1    | 3×1,5 | Q1  |
| F5   | Gniazda — pokój / biuro                 | B16        | 1P    | L1    | 3×2,5 | Q1  |
| F6   | Oświetlenie — strefa dzienna            | B10        | 1P    | L3    | 3×1,5 | Q2  |
| F7   | Gniazda — salon                         | B16        | 1P    | L2    | 3×2,5 | Q2  |
| F8   | Zmywarka                                | B16        | 1P    | L2    | 3×2,5 | Q2  |
| F9   | Oświetlenie — pomieszczenia gospodarcze | B10        | 1P    | L3    | 3×1,5 | Q2  |
| F10  | Łazienka 2 — gniazda                    | B16        | 1P    | L3    | 3×2,5 | Q2  |
| F11  | Piekarnik                               | B16        | 1P    | L1    | 3×2,5 | Q3  |
| F12  | Gniazda — sypialnie                     | B16        | 1P    | L2    | 3×2,5 | Q3  |
| F13  | Gniazda zewnętrzne / ogród (IP44)       | B16        | 1P    | L3    | 3×2,5 | Q3  |
| F14  | Oświetlenie — piętro                    | B10        | 1P    | L1    | 3×1,5 | Q3  |
| F15  | Garaż / kotłownia                       | B16        | 1P    | L1    | 3×2,5 | Q3  |
| F16  | Płyta indukcyjna (3-fazowa)             | B16        | 3P    | L1–L3 | 5×2,5 | Q4  |
| F17  | Oświetlenie — sypialnie i korytarz      | B10        | 1P    | L3    | 3×1,5 | Q4  |
| F18  | Suszarka                                | B16        | 1P    | L2    | 3×2,5 | Q4  |
| F19  | Rezerwa                                 | B16        | 1P    | L1    | 3×2,5 | Q4  |
| F20  | Gniazda — piętro (pokoje)               | B16        | 1P    | L2    | 3×2,5 | Q4  |

## 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     |
| Q3 | RCD 4P 40 A 30 mA typ A: F11, F12, F13, F14, F15 |
| Q4 | RCD 4P 40 A 30 mA typ A: F16, F17, F18, F19, F20 |

Schemat jednokreskowy – Hybrid consumer unit L · flush-mounted · 12-port patch panel

marka wg dostępności · podtynkowa · 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   |
|----------------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Zabezpieczenie | T1+T2 | —      | B16   | B16   | B16   | B10   | B16   | B10   | B16   | B16   | B10   | 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    | 3P    | 1P    | 1P    | 1P    | 1P    |
| Faza           | L1–L3 | L1–L3  | L3    | L1    | L3    | L1    | L1    | L3    | L2    | L2    | L3    | L3    | L1    | L2    | L3    | L1    | L1    | L1–L3 | L3    | L2    | L1    | L2    |
| Przewód [mm²]  | —     | —      | 3×2,5 | 3×2,5 | 3×2,5 | 3×1,5 | 3×2,5 | 3×1,5 | 3×2,5 | 3×2,5 | 3×1,5 | 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 |
| Moc szac. [kW] | —     | —      | 2     | 2     | 2,2   | 0,2   | 1     | 0,4   | 1,5   | 2     | 0,2   | 2     | 3     | 1     | 1     | 0,4   | 1,5   | 7,2   | 0,3   | 2,5   | —     | 1     |

Odbiornik

- Ogranicznik przepięć → PE
- Lampki obecności faz
- Gniazda – kuchnia (blat)
- Łazienka – gniazda
- Pračka
- Oświetlenie zewnętrzne
- Gniazda – pokój / biuro
- Oświetlenie – strefa dzienna
- Gniazda – salon
- Zmywarka
- Oświetlenie – pomieszczenia gospodarcze
- Łazienka 2 – gniazda
- Piekarnik
- Gniazda – sypialnie
- Gniazda zewnętrzne / ogród (TP44)
- Oświetlenie – piętro
- Garaż / kotłownia
- Płyta indukcyjna (3-fazowa)
- Oświetlenie – sypialnie i korytarz
- Suszarka
- Rezerwa
- Gniazda – piętro (pokoje)

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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