



Hybrid consumer unit M · flush-mounted · PoE switch

Single-storey house: power and internet in one enclosure — the consumer unit at the top, the multimedia section below a partition.

PLN 5,928.60

incl. 23% VAT · PLN 4,820.00 excl. VAT · excluding delivery

Enclosure **48-module enclosure**

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

48-module enclosure with 4 DIN rows (14 circuits, 3 RCD groups, T1+T2 surge protection) and a multimedia section below a partition: 12 × RJ45 patch panel, space for the provider's router and terminal, 230 V power strip on a dedicated circuit.

MOUNTING AND DIMENSIONS

Mounting	flush-mounted — back box built into the wall, frame with door
Wall opening	366 × 1030 mm, depth 89 mm
Minimum wall thickness	110 mm
Frame with door (visible)	396 × 1060 mm

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



CONTENTS

48-module enclosure · 4 rows · devices take 38

Main switch, surge protection device, phase indicators, N/PE terminal bars	8 mod.
4-pole Type A residual current devices (RCDs) × 3 (circuit groups)	12 mod.
Circuit breakers (MCBs) × 14 (sockets, lighting, appliances; induction hob — 3-phase)	16 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.
8-port PoE switch	—

SPECIFICATIONS

DIN modules: **38 used of 48 (spare 10)**

Circuits: **14 (max. 18 in this enclosure)**

Residual current devices (RCDs): **3 × 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 V**

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-m?mounting=flush>

Hybrid consumer unit M · flush-mounted · PoE switch

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 — salon	B16	1P	L3	3×2,5	Q2
F7	Płyta indukcyjna (3-fazowa)	B16	3P	L1–L3	5×2,5	Q2
F8	Oświetlenie — sypialnie i korytarz	B10	1P	L1	3×1,5	Q2
F9	Suszarka	B16	1P	L2	3×2,5	Q2
F10	Oświetlenie — strefa dzienna	B10	1P	L3	3×1,5	Q3
F11	Piekarnik	B16	1P	L1	3×2,5	Q3
F12	Zmywarka	B16	1P	L2	3×2,5	Q3
F13	Gniazda zewnętrzne / ogród (IP44)	B16	1P	L1	3×2,5	Q3
F14	Gniazda — pokój / biuro	B16	1P	L2	3×2,5	Q3

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
- Q3 RCD 4P 40 A 30 mA typ A: F10, F11, F12, F13, F14

Schemat jednokreskowy – Hybrid consumer unit M · flush-mounted · PoE switch

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
Zabezpieczenie	T1+T2	—	B16	B16	B16	B16	B10	B16	B16	B10	B16	B10	B16	B16	B16	B16
Bieguny	3+1	3 × 1P	1P	1P	1P	1P	1P	1P	3P	1P	1P	1P	1P	1P	1P	1P
Faza	L1–L3	L1–L3	L3	L1	L3	L2	L3	L3	L1–L3	L1	L2	L3	L1	L2	L1	L2
Przewód [mm²]	—	—	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	3×1,5	3×2,5	3×2,5	3×2,5	3×2,5
Moc szac. [kW]	—	—	2	2	2,2	1	0,2	1,5	7,2	0,3	2,5	0,4	3	2	1	1

Odbiornik

Ogranicznik przepięć → PE

Lampki obecności faz

Gniazda – kuchnia (blat)

Łazienka – gniazda

Pralnia

Gniazda – sypialnie

Oświetlenie zewnętrzne

Gniazda – salon

Płyta indukcyjna (3-fazowa)

Oświetlenie – sypialnie / korytarz

Suszarka

Oświetlenie – strefa dzienna

Piekarnik

Zmywarka

Gniazda zewnętrzne / ogród (TP44)

Gniazda – pokój / biuro

Svalcon · Hybrid consumer unit M · flush-mounted · PoE switch

Nr wzór · marka wg dostępności · obudowa – (4 × 12 mod.)

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

SZKIC – do weryfikacji przez elektryka uprawnionego