

# Spēka un apgaismes sadalne KS-0.1

Diagram illustrating the power and lighting distribution unit KS-0.1. The unit is supplied by a 400/230V 40A transformer (In=40A) connected to a 4x6 NYY-J cable. The supply is connected to a busbar labeled L1-L2-L3. The busbar is connected to a PE (II kase) terminal. The busbar feeds seven outgoing lines, each with a switch and a fuse:

- Line 1: XD 1.1 (C32A)
- Line 2: XN 2.1 (C16A)
- Line 3: XN 3.1 (C16A)
- Line 4: XPJ-3x2.5 1.5kW (C16A)
- Line 5: XPJ-4x1.5 0.06kW (B10A)
- Line 6: XPJ-3x1.5 0.656kW (B10A)
- Line 7: Rezerve (C10A)

The diagram also shows a PE (II kase) terminal on the left and a PE terminal on the right. A blue line indicates the main supply path from the transformer to the busbar and then to the outgoing lines.

Montāžas metode	Virsapmetuma
Rindu skaits	2
Moduļu skaits	24
Caurspīdīgs pārklājs/durvis	Jā
Korpusa materiāls	Plastmasa
Augstums	460 mm
Platums	340 mm
Dzīlums	160 mm
DIN-sliede	Jā
Krāsa	Pelēks
RAL numurs	7035
Aizsardzības pakāpe (IP)	IP65

Diagram illustrating a power distribution system with three main lines and their associated components:

- Line 1 (Top):**
  - Phase conductors: XD 1.1, XN 2.1, XN 3.1
  - Neutral conductor: XN2 4.1, XN2 4.2
  - Cross-section: XPJ-3x2,5
  - Power: 1.5kW
  - Current: 7A
  - Grounding: Telpas nr. 101
- Line 2 (Middle):**
  - Conductor: EA 5.1
  - Cross-section: 10
  - Power: 0.06kW
  - Current: 0.28A
  - Grounding: Telpas nr. 101
- Line 3 (Bottom):**
  - Conductor: EB 6.1
  - Cross-section: 10
  - Power: 0.656kW
  - Current: 3.1A
  - Grounding: Telpas nr. 101

1. Sadalne rūpnieciski komplektējama;
2. Ienākošie kabeļa ievadi un aizsejošie no augšas. Sadalni aprīkot ar 20% rezervi.
3. Diferenciālaisardzības klase A 30mA
4. Nodrošināt TN-S zemēšanas sistēmu  $R < 4 \Omega$  omi



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