

TP-4 istn. tablica 3-licznikowa

The diagram shows a vertical rectangular cabinet on the left. Three horizontal lines extend to the right from the cabinet, representing outgoing lines. Each line is connected to a meter symbol (a circle with a cross) and a label. The top line is labeled '1x25A' and 'M-9'. The middle line is labeled '1x20A' and 'M-8'. The bottom line is labeled '1x20A' and 'M-7'.

Line	Current Rating	Label
Top	1x25A	M-9
Middle	1x20A	M-8
Bottom	1x20A	M-7

The diagram illustrates a three-phase metering system. On the left, a vertical busbar is labeled '5xLgY-16mm2 w RG40'. Three horizontal lines represent the three-phase supply. Each line passes through a current transformer (CT) before reaching the metering unit. The CTs are labeled '1x25A' and '1x20A'. The metering unit is a rectangular box labeled 'TP-3' with the text 'istn. tablica 3-licznikowa' and '2x5kW+14kW'. To the right of the metering unit is a transformer labeled 'M-5' with 'Nr ewid. 11631016' and 'L00927-28249581-03-0'. The transformer has a primary winding connected to the three-phase supply and a secondary winding connected to a metering unit labeled 'M-6' and 'M-6a'. The secondary winding is labeled '3x2x0,6/0,4' and '3x2,5/1,6'. The metering unit 'M-6' is labeled '230V' and 'TL-1f KWh'. The metering unit 'M-6a' is labeled 'istn. 3xDY-4mm2'.

5xLgY-16mm2 w RG40

TP-3

istn. tablica 3-licznikowa

2x5kW+14kW

M-5

Nr ewid. 11631016
L00927-28249581-03-0

230V

TL-1f
KWh

M-6

M-6a

istn. 3xDY-4mm2

1x25A

1x20A

S301C-25A/S2*

5xLgY-16mm2 w RG40

TP-2

istn. tablica 3-licznikowa
2x5kW+14kW

M-3

230V
TL-1f
kW/h

S301C-25A/S2*

istn. 3xDY-4mm

1x25A

M-4a

3x25A

M-4

PARTER

kl. schod. K3

Diagram of a single-phase distribution board (szafka rozdzielnicowa) with 6 outgoing circuits. The busbar is labeled "6 x S301 B". The circuits are:

- n1: 10A, YDYp - 3x1,5mm2, 7A, oświetlenie
- n2: 10A, YDYp - 3x2,5mm2, 6A, 16A/PE, gniazda wtyczkowe ogóln. przezn.
- n3: 16A, YDYp - 3x2,5mm2, 3A, 16A/PE, odb. kuchenne
- n4: 16A, YDYp - 3x2,5mm2, 1A, KE-2,7kW, 2,7kW - kuchnia elektr. 2-plt.
- n5: 16A, YDYp - 3x2,5mm2, 1A, PW-1,5kW, 1,5 kW - podgrzewacz wody
- n6: 16A, YDYp - 3x2,5mm2, 1A, 16A/PE, 2,5 kW - pralka

The board has a main switch P302-25/0,03A and a PE terminal. A water meter (wodomierz) is connected to the PE line. The diagram also shows a local equalizing connection (połączenia wyrównawcze miejscowe) between the PE and ZU lines.

Below the diagram, the following values are listed:

- $P_i = 7 \text{ kW}$
- $P_n = 4 + 1 = 5 \text{ kW}$
- $I_n = 25 \text{ A}$
- $U = 230 \text{ V}$

