

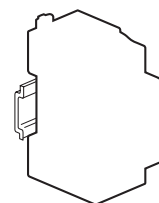
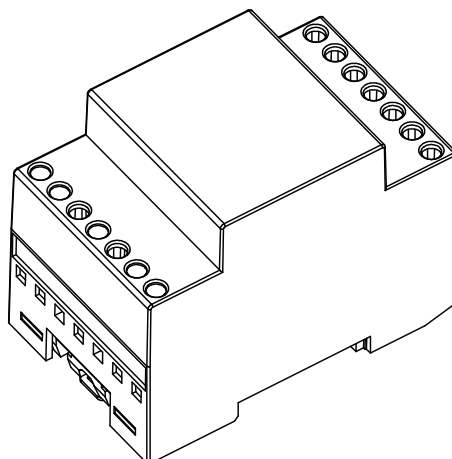
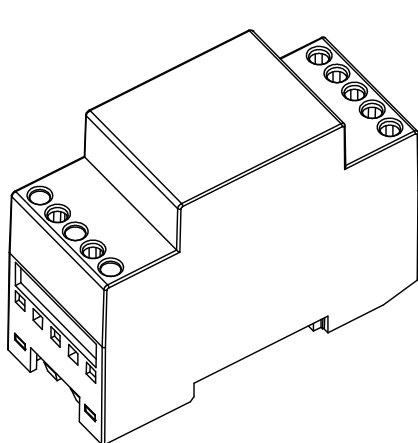
PKT SERIES

Modular Bell Transformers

SUMMARY

PAGES

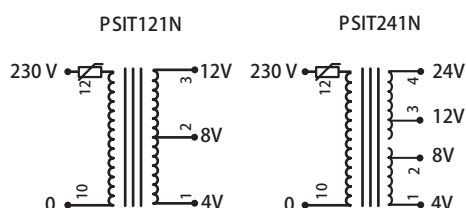
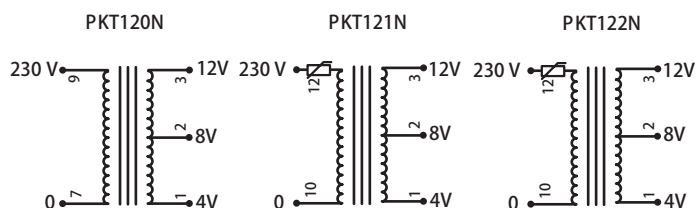
1. Operating principle.....	1
2. General characteristics.....	1
3. Ranges	1
4. Technical characteristics.....	2



1. OPERATING PRINCIPLE

- a. Bell transformer is designed to use in combination with loads that require a discontinuous supply at safety extremely-low voltages.
The most common application is providing a protection for door bells and bathroom buzzers in residential environments.
Install on DIN-Rail, they can be integrated in consumer units and be used for discontinuous and continuous applications

parallel coupling



Connexion busbars supplied with the transformer

- b. Bell transformer: safety isolating transformer with secondary voltage not permanently exceeding 24V and for a non permanent using.

Power to 4V-8V-12V or 24V access control devices such as:

- bell
- chime
- door release
- optical/electrical barrier
- ...

Also:

- flood detector
- temperature rise detector

(1) PTC refer to general characteristics

2. GENERAL CHARACTERISTICS

Single phase 50/60 Hz

Input voltage 230 V

Protected against involuntary or accidental contact with live parts xxB

Class II under faceplate in distribution board

AC primary and secondary voltages

2.1 Standards and Conformities

Safety Isolating transformer IEC 61558-2-6 agreement

Bell transformer IEC 61558-2-8 agreement

CE Marking

2.2 Protection of transformers

Protected against overloads and short-circuits by built-in PTC (Positive coefficient of temperature) into primary winding.

In the event of an overload, switch off power supply and allow the transformer to cool down before switching on again.

3. RANGES

3.1 Bell transformer

Primary 230 V, secondary 4V-8V-12 V / 24 V.

Secondary voltage (V)	Current (A)	Rating (VA)	Number of Modules
4-8-12	1	12	2
4-8-12	1	12	3
4-8-12	2	24	3
4-8-12	2	24	3
4-8-12/24	2/1	24	3

Modular bell transformers

4. TECHNICAL CHARACTERISTICS

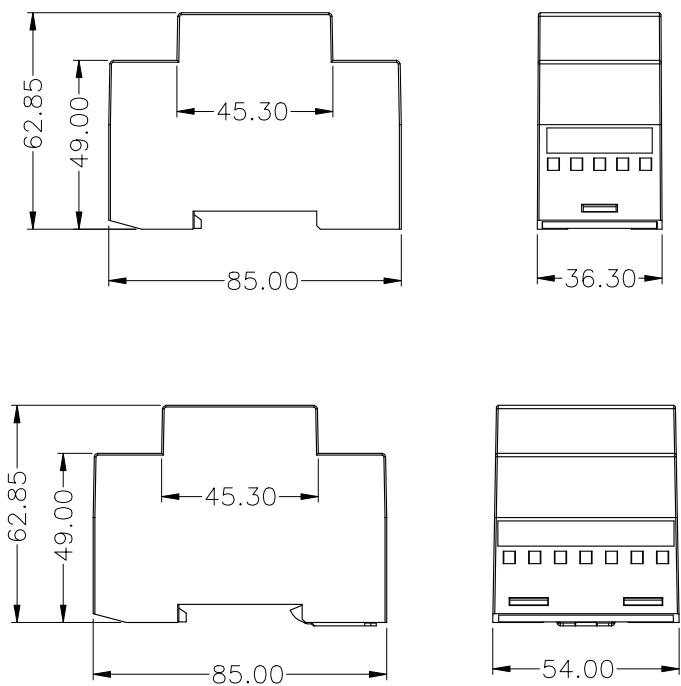
4.1 Identification

Excellent durability of data pad printed on front cover:


- reference number
- primary and secondary voltages
- secondary currents => bell transformers
- conformity to standards
- connection diagram (depending on models)
- PTC data
- IP protection class

4.2 Fixing/dimensions

35mm Din rail



4.3 Connection

	Primary flexible or rigid	Secondary flexible or rigid
	1 to 4 mm ²	1 to 4 mm ²

4.4 Identification

Imprint on front cover.

4.5 Materials

Polyamid 66 casing.