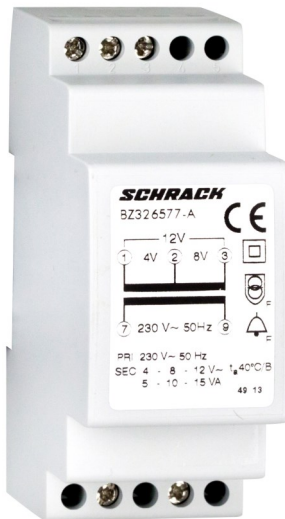


DATA SHEET: BZ326577-A  
Bell Transformer, 15VA/4-8-12V



SCHRACK-INFO

- 2 DIN Fail-safe safety isolating transformer for intermittent service

TECHNICAL DATA:

SPECIFICATION

Standards:

EN 61558-1 Release (2006-09 second edition)

Release (2006-09 second edition)

EN 61558-2-8 Release (2012-03)

Nominal Power

15VA

Primary Nominal Voltage (7-9)

230V-AC

Secondary Voltage / Current 1 (1-2)

4V-AC / 1,25A

Secondary Voltage / Current 2 (2-3)

8V-AC / 1,25A

Secondary Voltage / Current 3 (1-3)

12V-AC / 1,25A

Nominal Frequency

50/60 Hz

Materials Classification

Class E

Ambient Temperature

40°C

Dimensions (W/D/H)

35/60/90mm

## ELECTRICAL CHARACTERISTICS

Primary Resistance 315Ω

### Tests without load

Dissipated power 2W  
 Magnetizing Current at 230V 31mA  
 Voltage without load Secondary 1 5,5V  
 Voltage without load Secondary 2 11,38V  
 Voltage without load Secondary 3 16,9V

### Tests with load

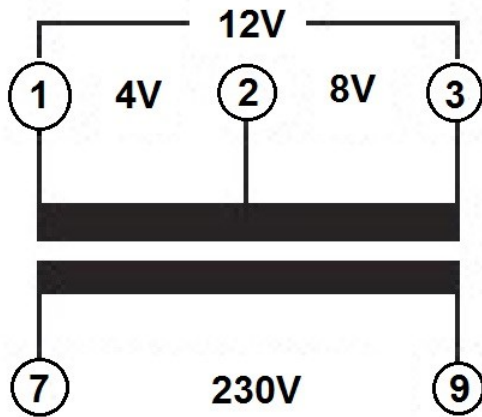
Values obtained after 2 minutes of application of the load

Load Current at 230V-AC	49mA
Voltage with load secondary 1 with 3,2Ω	4,27V-AC with 1,307A output load
Loss % unloaded / loaded	28,8%
Load Current at 230V-AC	74mA
Voltage with load secondary 2 with 6,4Ω	8,4V-AC with 1,27A output load
Loss % unloaded / loaded	35,5%
Load Current at 230V-AC	102mA
Voltage with load secondary 3 with 9,6Ω	11,7V-AC with 1,245A output load
Loss % unloaded / loaded	35,5%

## ACCEPTANCE TESTS:

- Continuity checking performed by measuring the winding resistance to check for cracks or penetration of resin into the installation terminals
- Checking of dielectric rigidity performed with applied voltage of 4000V for 3 seconds between primary and secondary
- Checking of insulation between windings
- Checking the magnetizing current
- Checking secondary voltages without load

■ WIRING DIAGRAM:



■ ARTICLES:

Bell Transformer, 15VA/4-8-12V

BZ326577-A