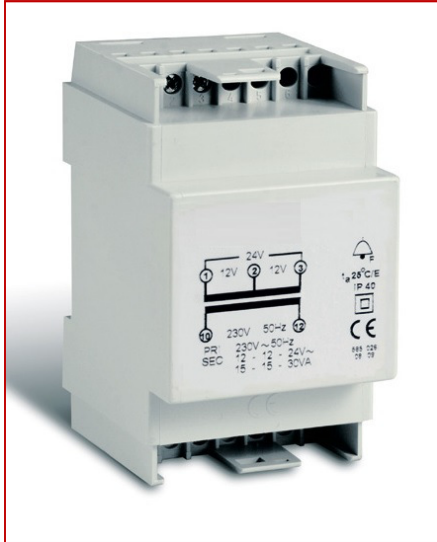


DATA SHEET: BZ326578-A  
Bell Transformer 30VA/12-12-24V



SCHRACK-INFO

- 3 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

30VA

Primary Nominal Voltage (7-9)

230V-AC

Secondary Voltage / Current 1 (1-2)

12V-AC / 1,25A

Secondary Voltage / Current 2 (2-3)

12V-AC / 1,25A

Secondary Voltage / Current 3 (1-3)

24V-AC / 1,25A

Nominal Frequency

50/60 Hz

Materials Classification

Class E

Ambient Temperature

40°C

Dimensions (W/D/H)

52,5/60/90mm

## ELECTRICAL CHARACTERISTICS

Primary Resistance 147,7Ω

### Tests without load

Dissipated power 2,85W

Magnetizing Current at 230V 54mA

Voltage without load Secondary 1 15,57V

Voltage without load Secondary 2 15,58V

Voltage without load Secondary 3 31,15V

### Tests with load

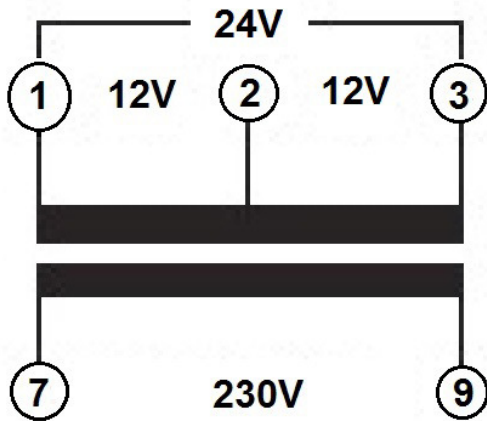
Values obtained after 2 minutes of application of the load

Load Current at 230V-AC	116mA
Voltage with load secondary 1 with 9,6Ω	12,67V-AC with 1,3A output load
Loss % unloaded / loaded	22,9%
Load Current at 230V-AC	115mA
Voltage with load secondary 2 with 9,6Ω	12,36V-AC with 1,275A output load
Loss % unloaded / loaded	26,0%
Load Current at 230V-AC	193mA
Voltage with load secondary 3 with 19,2Ω	22,94V-AC with 1,211A output load
Loss % unloaded / loaded	35,8%

## 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 30VA/12-12-24V

BZ326578-A