

PVS144A – Transformer [1-phase, 230/24 VAC]

Introduction PVS144A

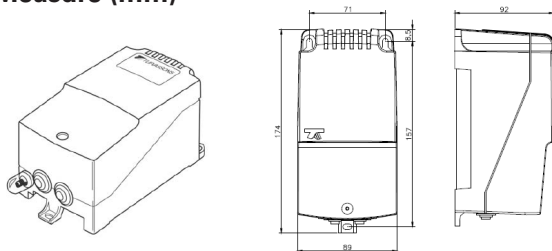
Transformer PVS144A with circuit breaker on the secondary side provides 24 VAC supply voltage. The transformer is connected to Lindinvent's communication loop (CAN) to supply a fixed number of controllers/nodes.

PVS144A has protection separation between primary and secondary windings.

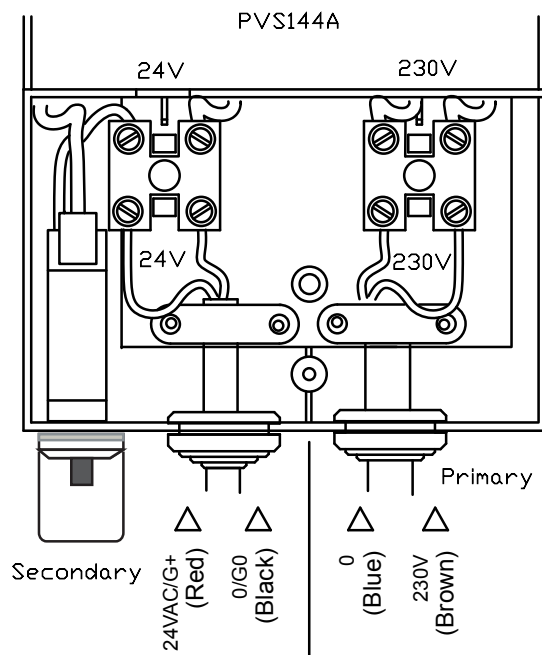
Function

Provides 24 VAC supply voltage.

Measure (mm)



Connection



External connection diagram for PVS144A. Conductors are connected according to the color rendering.



PVS144A - Transformer for permanent installation.

Technical specifications

General

Dimension

(See *Measure* to the left)

86(A) x 170(B) x 87(C) mm (LxWxH)

Weight

2,0 kg

Material & features

Enclosure in impact-resistant, self-extinguishing thermoplastic.

Class II. Plastic embedded transformer coil.

Dual-insulated: Not to be grounded.

Secondary fuse: Resettable overcurrent protection at 7A.

Primary and secondary control nipple:

Cable diameter at maximum 13 mm.

Terminal block: 2-pole 4 mm²

Wall mounting: 3 screws

Colour

Grey (RAL 7035)

IP class

Encapsulation complies with IP54.

Temperatur classification

B (130 °C)

Maximum ambient temperature: 40 °C

Electrical system

Supply voltage

230 VAC, 50-60 Hz

Output

24 VAC

Load

144 VA

Fuse (Circuit breaker)

Resettable 7A fuse on the secondary side.

CE marking

Complies with EMC and the Low Voltage Directive.

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Additional product documentation PVS144A

Table 1: Additional documentation for PVS144A can be obtained via links on the product's website under Products at www.lindinvent.se

Document	Available	Not available	Comments
Installation Instruction	●		Specifies guidelines for the number of nodes per transformer and how the conductor for voltage supply should be broken between adjacent transformer areas.
Start-up instruction		●	Not applicable
Maintenance instruction		●	Regarded as maintenance-free
External connection diagram	●		
Environmental product declaration	●		Assessed by Byggarubedömningen
User information		●	Not applicable
Modbus list		●	Not applicable
AMA text		●	

Product documentation can be downloaded via
www.lindinvent.se/produkter/



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The company offers products and systems for controlling ventilation, lighting, solar shading and local utilization. Equipment and climate solutions are being developed for offices, schools, hospitals, laboratories and similar working environments. Lindinvent's systems work together to provide high indoor comfort and the lowest possible energy use.