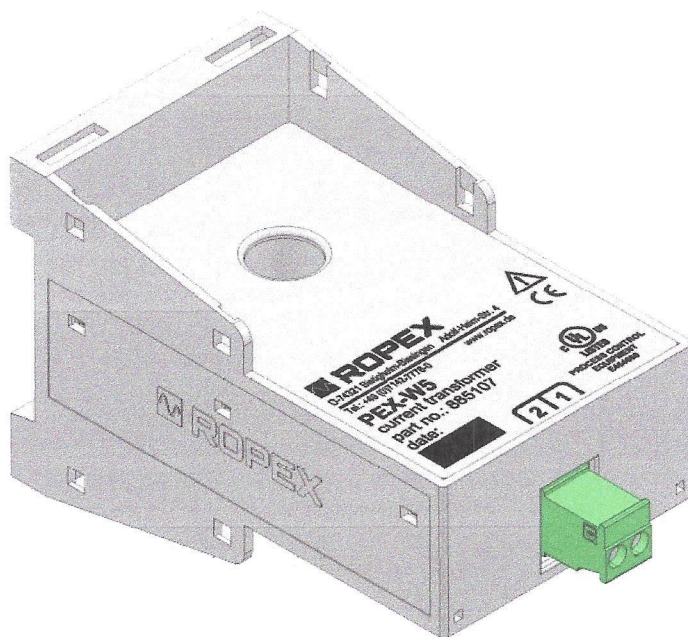


PEX-W5

User Guide



Application:

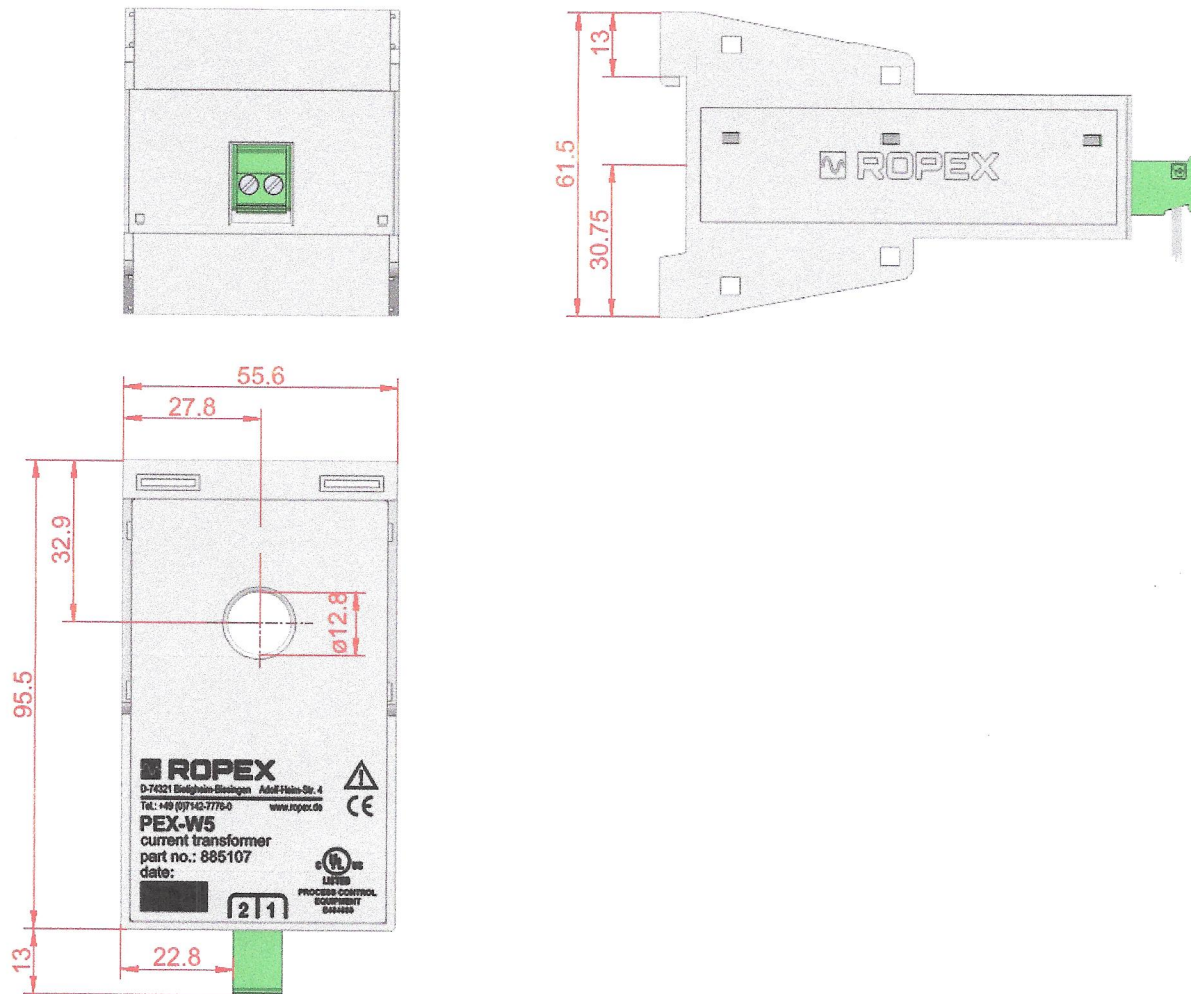
The PEX-W5 current transformer belonging to the RES or UPT temperature controller is a part of the control system.

The current transformer may only be operated when correctly connected to the temperature controller. For more information, refer to the “Startup” and “Power supply” chapters in the corresponding documentation for the temperature controller.

Copyright 2018:

All contents, in particular texts, photographs and graphics, are protected by copyright. All rights, including to replication, publication, editing and translation, are reserved.

1 Dimensions

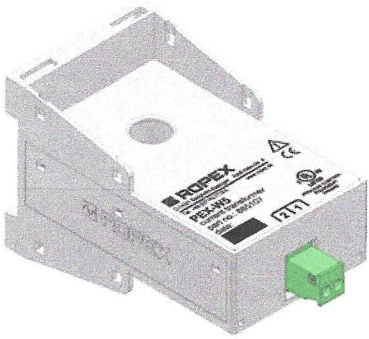


The transformer is mounted on a hat rail measuring 35 x 7.5 mm or 35 x 15 mm in accordance with DIN EN 50022.

2 Technical data

	PEX-W5
Design	Housing for electrical cabinet mounting on a TS35 hat rail in accordance with DIN EN 50022
Dimensions	Width: 55.6 mm Height: 64.5 mm Depth: 108.5 mm
Weight	0.18 kg including the plug-in connector part
Housing material	Plastic, polycarbonate, UL-90-V0
UL file	E464680 (pending)
Mounting	When mounting the device, a clearance of 20 mm to other devices is recommended. When mounting multiple current transformers, no clearance is required between the transformers. For mounting on a horizontal hat rail, the clip must face downward. For mounting on a vertical hat rail, end holders are necessary to mechanically fix the device.
Degree of protection	IP 20
Ambient conditions:	Max. altitude 2000 m Ambient temperature: +5°C to 45°C Max. relative humidity: 80% at temperatures up to 31°C, decreasing linearly to 50% at 45°C
Connecting cable	Rigid or flexible cables are suitable Cross-section: 0.2 to 1.5 mm² (AWG 24...16) via the plug-in connector Connector: Tightening torque 0.5 to 0.6 Nm Tool: Screwdriver SZS 0.6x3.5 mm Note: If ferrules are used, they must be crimped in accordance with DIN 46228 or IEC/EN 60947-1 to ensure proper electrical contact.
Power loss (average)	Maximum 2.0 W

3 How to order

	Current transformer PEX-W5: Article number 885107 (from March 2019)
	High current bar HCB: article number 885110