

## PELTIER-COOLING

### ST-H 6405 / ST-A 6405



- Thermoelectric coolers
- Cooling without refrigerant
- Robust and reliable stainless steel design
- Flexible installation
- Protection type IP66 / UL Type 12, 4, 4X
- Maintenance-free
- Suitable for indoor and outdoor applications
- Accessories for condensate drainage and control systems available



Our ST series thermoelectric cooling units are specially designed for industrial requirements. They are based on the Peltier effect and do not require any refrigerants. Whether recessed or wall mounted variants, the units can be easily and flexibly integrated. With a power output of 30 W to 800 W, both compact and large enclosures can be reliably cooled. The robust systems are designed for temperature ranges from -20°C to +70°C and also function under difficult conditions. With an IP66 protection rating, they are also ideally suited for outdoor installation.

**Note:** Depending on the installation situation, condensate management must be taken into account separately and adjusted if necessary to ensure proper functioning.

## TECHNICAL DATA

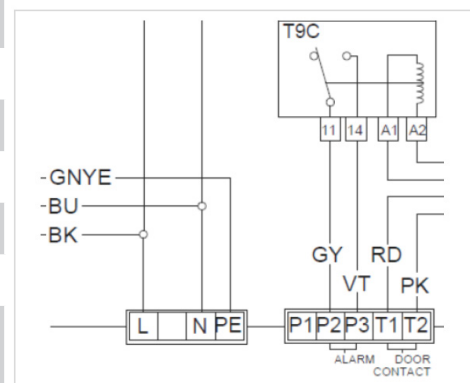
Art.-No.	920010	920110
Voltage <sup>1</sup>	230 V ~ 50/60 Hz	
Inrush current	3,4A	
Operating current	2,1A	
Cooling capacity L35 L35	400W	
Nominal power	490W	
Recommended fuse	4A (T)	
Air flow volume (system / unimpeded)	Ambient air circuit: 240 / 325m³/h Cabinet air circuit: 240 / 325m³/h	
Protection type	IP66 / UL Type 12, 4, 4X	
Type of connection	4-pole power connector 5-pole connector for signals	
Operating temperature range	-20°C bis +70°C	
UL temperature range	-20°C bis +65°C	
Storage temperature	-40°C bis +70°C	
Mounting connection	Recessed	Wall mounted (with frame)
Dimensions (AxBxC (D+E))	600×433×199 (133+66)mm	600×433×203mm
Weight	34kg	37kg
Cut out dimensions	382×500mm	382×550mm
Housing material <sup>2</sup>	Stainless steel AISI 304 (V2A)	
Integrated control	Display of measured temperature via a display Setting options: Cooling setpoint, high temperature setpoint, low temperature setpoint	
Certifications	CE, UKCA, cURus	

(1) Part number for connection voltage 120V ~ 60 Hz on request.

(2) Part number for stainless steel version (AISI 316 (V4A)) available on request.

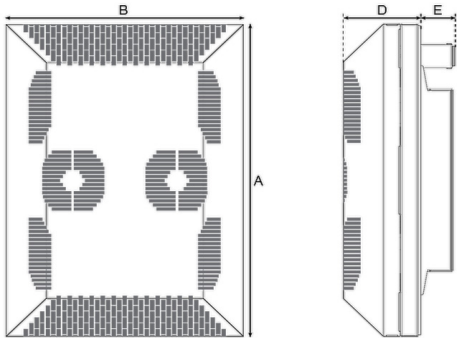
The information on this datasheet contains descriptions and performance characteristics that may not always apply in the specific use case described or may change due to product development. The desired performance characteristics are only binding if expressly agreed upon at the time of contract conclusion. The mentioned technical data has been determined under laboratory conditions according to generally accepted testing procedures. Only to this extent are properties assured. The examination of suitability for the intended purpose or use under operating conditions lies with the customer. We do not provide any warranty for this. Errors, availability, and technical changes are subject to change without notice.

### WIRING DIAGRAM

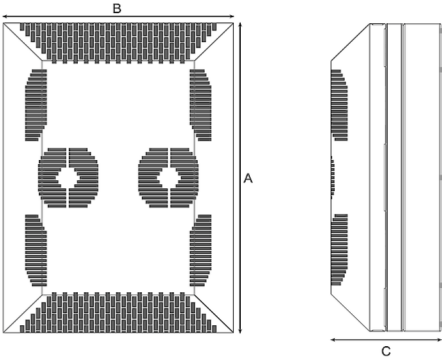


**TECHNICAL DRAWING  
(SPECIFICATION IN MM)**

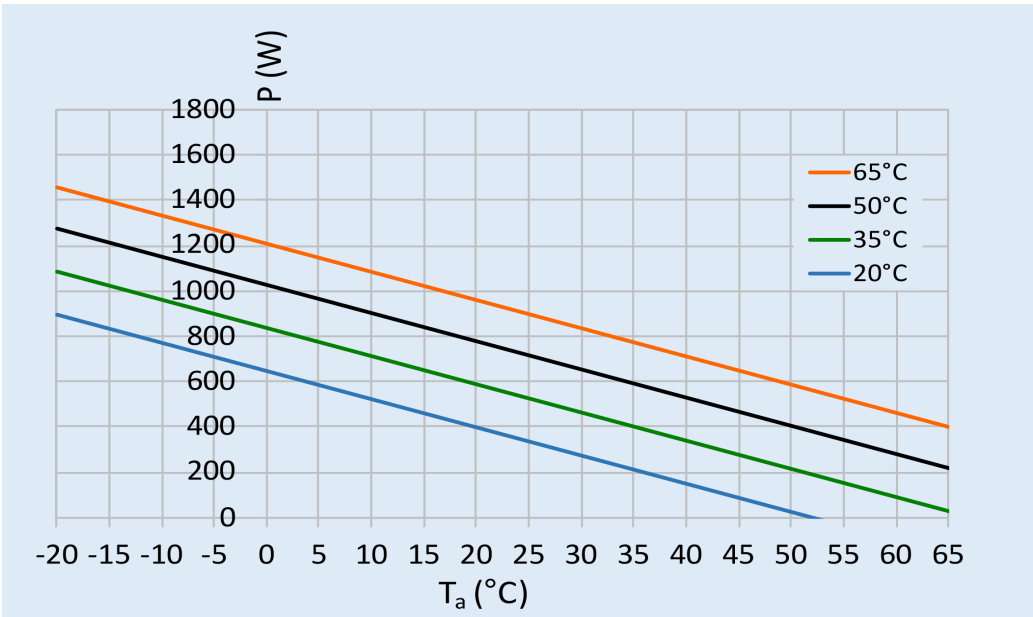
**Recessed-Version  
920010**





**Wall mounted-Version  
920110**



**PERFORMANCE GRAPH**



**ACCESSORIES:**

Art.-Nr.	Bezeichnung	Abbildung
920816	Peltier Condensat kit for ST6405	
960000	Condensation drain socket IP66	
940901	Door contact switch with installation plate	

**STATUS: 08|2025**

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