

## PELTIER-COOLING

### ST-H 6805 / ST-A 6805



- ▶ 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



ST Peltier cooling units are a reliable solution for industrial cooling without refrigerants. They are based on the Peltier effect and can be used flexibly in a wide variety of installation positions – as recessed or Wall-mounted variants. The power range from 30 to 800 watts enables a wide variety of applications, from small control enclosures to large switch cabinets. The units operate reliably at temperatures from -20°C to +70°C and in environments with dust or oil. The high IP66 protection rating ensures safe use indoors and outdoors.

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

## TECHNICAL DATA

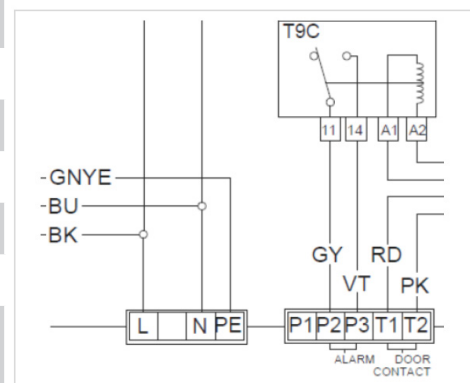
Art.-No.	920011	920111
Voltage <sup>1</sup>	230 V ~ 50/60 Hz	
Inrush current	8A	
Operating current	4,3A	
Cooling capacity L35 L35	800W	
Nominal power	979W	
Recommended fuse	7A (T)	
Air flow volume (system / unimpeded)	Ambient air circuit: 480 / 650m³/h Cabinet air circuit: 480 / 650m³/h	
Protection type	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))	975×517×202 (134+68)mm	975×517×205mm
Weight	66kg	70kg
Cut out dimensions	464×922mm	464×922mm
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.

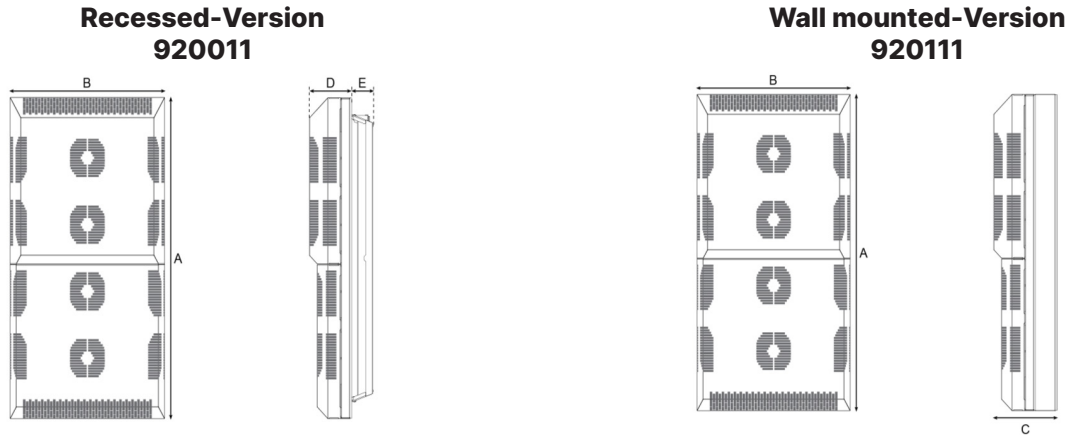
(2) Part number for stainless steel version (AISI 316 (V4A)) available on request.

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.

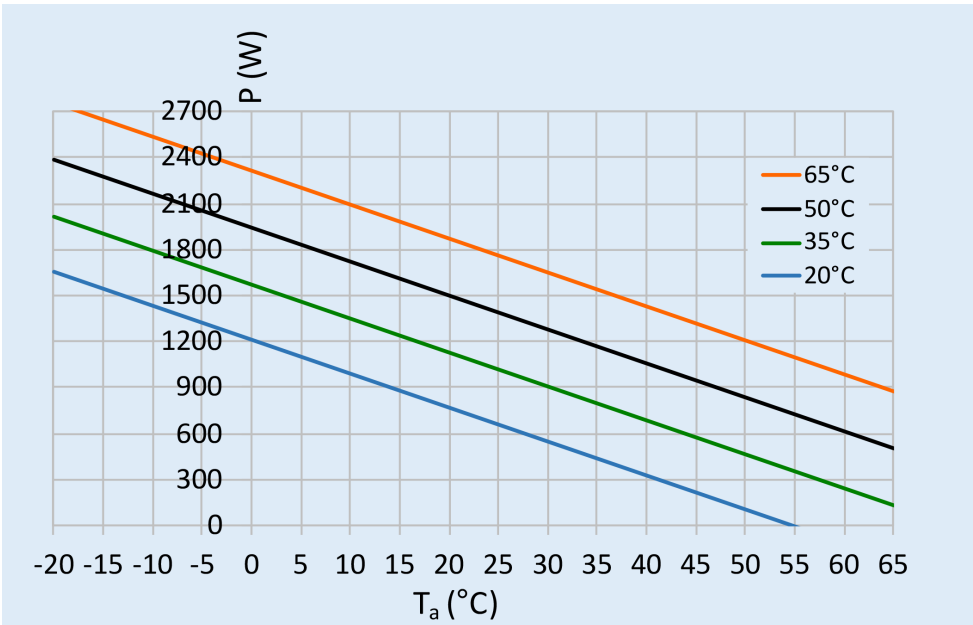
### WIRING DIAGRAM





**TECHNICAL DRAWING  
(SPECIFICATION IN MM)**



**PERFORMANCE GRAPH**



**ACCESSORIES:**

Art.-Nr.	Bezeichnung	Abbildung
920817	Peltier Condensat kit for ST6805	
960000	Condensation drain socket IP66	

**STATUS: 08|2025**

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