

## HEATER ASSEMBLY – 3073-200



### PRODUCT OVERVIEW

The Ekyrail Heater Assembly – 3073-200 is a rugged and reliable solution designed for locomotive and rolling stock applications. It automatically activates at low temperatures to protect equipment and maintain optimal operating conditions.

Designed for cold environment applications, it helps prevent freezing and ensures proper operation of sensitive components during low-temperature conditions.

Featuring a stainless steel heating element with high-density insulation and automatic thermal control, it delivers consistent performance while optimizing energy efficiency and system protection.

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## PERFORMANCE EQUIPMENT

<b>Product</b>	
<b>Product</b>	Heater Assembly – 3073-200
<b>Application</b>	For locomotive and rolling stock applications
<b>Input</b>	
<b>Nominal voltage</b>	74 VDC
<b>Operating voltage range</b>	60 à 90 VDC
<b>Output</b>	
<b>Nominal power</b>	57 W ±10 %
<b>Heating element</b>	
<b>Material</b>	Stainless steel (AISI 304 / 316)
<b>Internal insulation</b>	High-density MgO insulation
<b>Thermal control</b>	
<b>Activation</b>	ON à +5°C ±2°C
<b>Deactivation</b>	OFF à +15°C ±3°C
<b>Electrical characteristics</b>	
<b>Dielectric strength</b>	1000 VDC test
<b>Insulation resistance</b>	≥ 100 MΩ at 500 VDC
<b>Cabling</b>	
<b>Type</b>	EXANE® railway-grade high-temperature cable
<b>Cable rating</b>	-50°C to +125°C
<b>Protection</b>	
<b>Thermal sensor housing</b>	Sealed (resistant to vibration, moisture, and salt)
<b>Environmental protection</b>	IP65
<b>Environment</b>	
<b>Operating temperature</b>	-40°C to +85°C



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