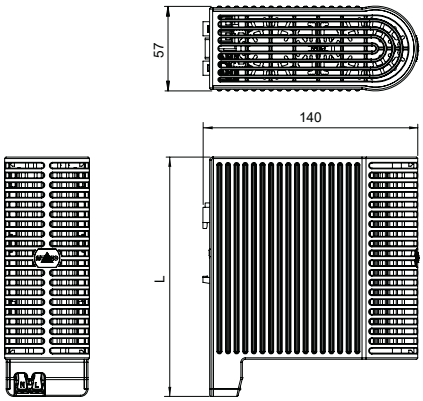
ENCLOSURE HEATER

LT 065 | 50 W to 150 W



- > Clip fixing and pressure clamp for quick mounting
- > Low surface temperature
- > Earthed plastic casing
- > Wide voltage range
- > Heater body in loop design for optimal temperature distribution
- > Shock and vibration proof

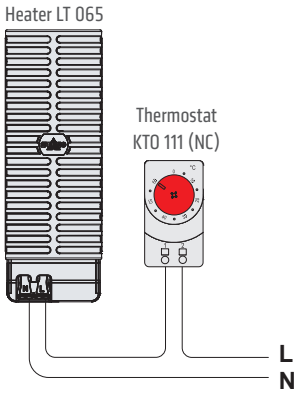
Compact heater for the protection of electrical and electronic components in enclosures. Its design ensures great convection resulting in excellent heat dissipation. A touch-safe plastic cover provides for low surface temperatures on the side of the device. The practical push-in clamping terminal enables quick and easy electrical connection. The heaters are designed for continuous operation. The heater is also available in a version with thermostat (LTF 065 series).



TECHNICAL DATA

Operating voltage	AC/DC 120 –240 V (min. 110 V, max. 265 V)
Heating element	PTC resistor – temperature limiting
Surface temperature	< +80 °C (+176 °F), except upper protective grille
Connection	2 x pressure clamps for stranded wire 0.5 - 1.5 mm²(with wire end ferule) and rigid wire 0.5 – 2.5 mm²
Casing	plastic according to UL94 V-0, black and white
Mounting	clip for 35mm DIN rail, EN 60715
Fitting position	vertical airflow (air outlet up, connection on bottom)
Operating/Storage temperature	-45 °C to +70 °C (-49 °F to +158 °F)
Operating/Storage humidity	< 90 % RH (non-condensing)
Protection type/Protection class	IP20 / II (double insulated)
Approvals	VDE UL File No. E234324 EAC DIN EN 60068-2-27:2010-02 DIN EN 60068-2:64:2009-04 in connection with DIN EN IEC 61373:2011-04, Cat. 1 B
Note	other voltages on request

Example of connection



Art. No.	Heating capacity[1]	Inrush current max.	Recommended pre-fuse T (time-delay)	Length (L)	Weight (approx.)
06500.0-00	50 W	4.0 A	6.0 A	101 mm	0.4 kg
06503.0-00	100 W	6.0 A	8.0 A	161 mm	0.75 kg
06504.0-00	150 W	8.0 A	10.0 A	161 mm	0.75 kg

[1] measured at +20 °C (+68 °F) ambient temperature

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11.11.2022 | Specifications are subject to change without notice. Errors and omissions excepted. Suitability of this product for its intended use and any associated risks must be determined by the end customer/buyer in its final application.