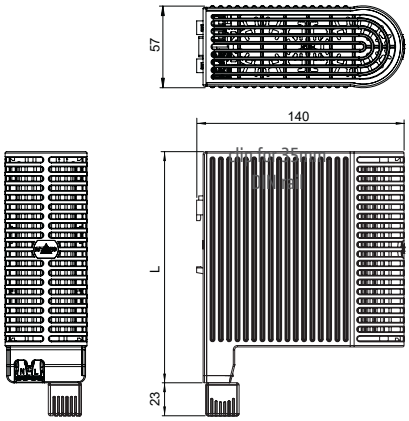
ENCLOSURE HEATER

LTF 065 | 50 W to 150 W



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

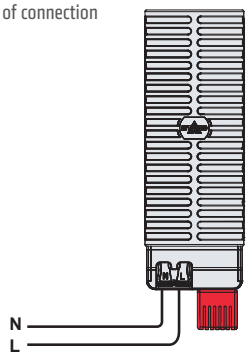
Compact heater with PTC heating elements for heating enclosures. The heater prevents low temperature and thus condensation. Its aluminium profile is designed to achieve an optimised chimney effect, which ensures great convection resulting in excellent heat dissipation in the enclosure. The practical push-in clamping terminal enables quick and easy electrical connection. The heaters are designed for continuous operation.



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)
Operation/Storage temperature	-45 °C to +70 °C (-49 °F to +158 °F)
Operation/Storage humidity	< 90 % RH (non-condensing)
Protection type/Protection class	IP20 / II (double insulated)
Approvals	VDE UL File No. 234324 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 other switch-off and switch-on temperatures on request

Example of connection



Art. No.	Heating capacity[1]	Inrush current max.	Recommended pre-fuse T (time-delay)	Switch-off temperature[2]	Switch-on temperature[2]	Lenght (L)	Weight (approx.)
06510.0-00	50 W	4.0 A	6.0 A	+15 °C (+59 °F)	+5 °C (+41 °F)	124 mm	0.4 kg
06513.0-00	100 W	6.0 A	8.0 A	+15 °C (+59 °F)	+5 °C (+41 °F)	184 mm	0.75 kg
06514.0-00	150 W	8.0 A	10.0 A	+15 °C (+59 °F)	+5 °C (+41 °F)	184 mm	0.75 kg
06520.0-00	50 W	4.0 A	6.0 A	+25 °C (+77 °F)	+15 °C (+59 °F)	124 mm	0.4 kg
06523.0-00	100 W	6.0 A	8.0 A	+25 °C (+77 °F)	+15 °C (+59 °F)	184 mm	0.75 kg
06524.0-00	150 W	8.0 A	10.0 A	+25 °C (+77 °F)	+15 °C (+59 °F)	184 mm	0.75 kg

[1] measured at +20 °C (+68 °F) ambient temperature; [2] tolerance ±5 K

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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.