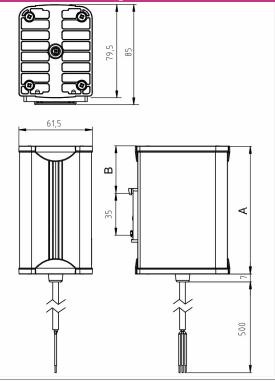


"HWM" HEATERS WITH TERMINALS

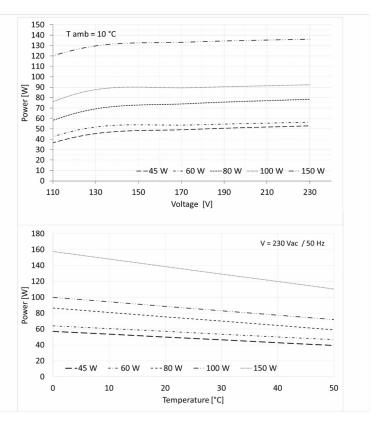


Technical Drawing



Heating element: Heat sink: Cover material: Method of mounting: Rated temperature range: Storage temp. range Protection degree by heaters: Electrical connection: External cable:

Appliance class: Rated voltage range: Rated frequency: Max voltage: Applicable standards: Approvals: PTC thermistor, self regulating black anodised extruded aluminium profile black anodised aluminium snap-on fixing on RAIL 35mm EN 50022 from -30°C to +50°C from -40°C to +70°C IP20 by 3 poles cable L-N-PE 3 x 20 AWG cable 500 mm lenght with FEP insulation and external silicone rubber jacket class l 110-240 V a.c./d.c. 50/60 Hz 265 V a.c./d.c. EN 60335-1, UL508, CSA C22.2 No.14-13 CE; cURus certified till max 50°C



Model	Dimension		Heating Power	I max*	Rated voltage	Weight	Approvals
	A [mm]	B [mm]	[W]	[A]	[V]	[Kg]	
HWM045	108	40	45	1.0	110-240 V a.c./d.c.	0.400	CE; cURus;
HWM060	108	40	60	1.7	110-240 V a.c./d.c.	0.400	CE; cURus;
HWM080	158	65	80	1.7	110-240 V a.c./d.c.	0.550	CE; cURus;
HWM100	158	65	100	2.6	110-240 V a.c./d.c.	0.550	CE; cURus;
HWM150	208	90	150	6.5	110-240 V a.c./d.c.	0.750	CE; cURus;
HWM150X	208	90	150	6.5	110-240 V a.c./d.c.	0.750	CE;

* Maximum transient current within 2 seconds after power on, at worst case (-30°C ambient condition). These values have an uncertainty of 10%.

