

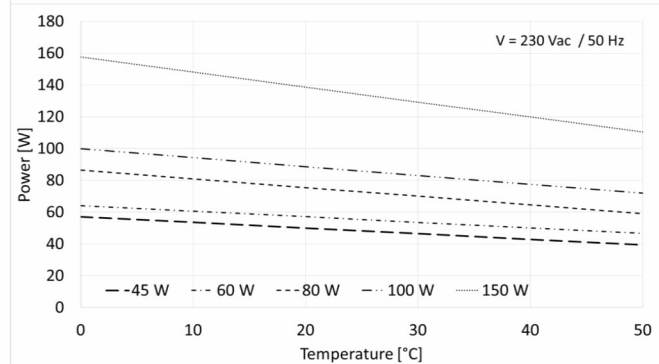
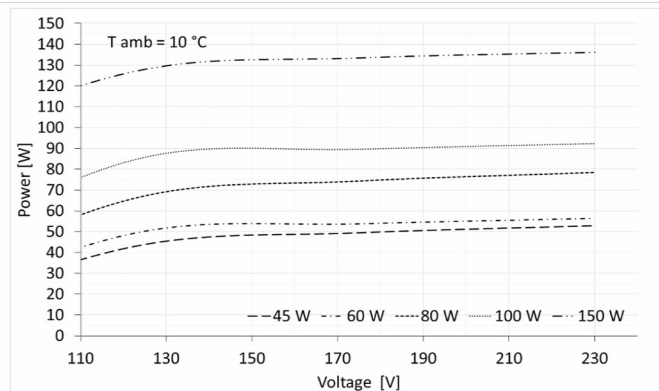
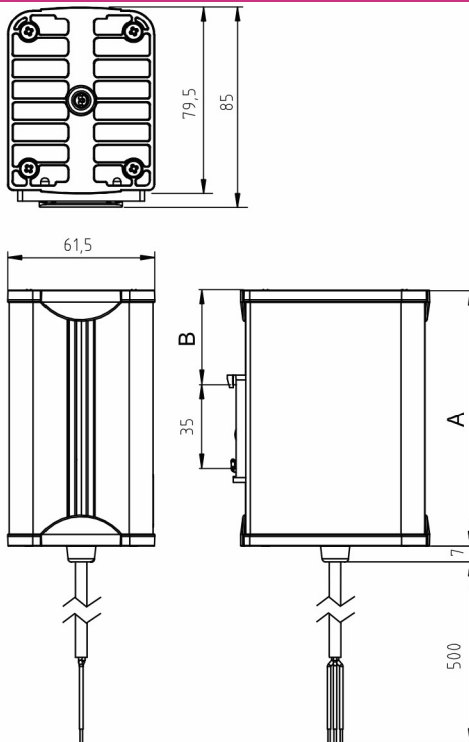
"HWM" HEATERS WITH TERMINALS

Description: **metal cover**
45/60/80/100/150W



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

Technical Drawing



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%.