

Thermal Control - Heating Anti-Condensation Heaters

IP-H

COMPACT, TOUCH SHIELD & FAN-ASSISTED | 50W TO 750W

IP Enclosures provide a range of heating products for electrical enclosures. Our range of heating products are manufactured to the highest quality in Italy.

Compact | 50W to 150W

Feature	Unit	IP-H25	IP-H50	IP-H75	IP-H100	IP-H150
Heating Capacity*	W	25	50	75	100	150
Power supply	V	120-240V AC or DC				
24V Voltage Availability	V	IP-H50.24			IP-H100.24	
48V Voltage Availability	V				IP-H100.48	
Inrush current	A	2.5	3.5	4	5	9.5
Delayed fuse (advised)	A	4		6.3	8	10
Electrical connections	-	2 screw terminals for stranded or rigid wire 2.5 mm ²				
Protection Class	-	Class II				
Protection degree EN60529	-	IP20				
Operating temperature	°C (°F)	-45/+70 (-49/+158)				
Storage temperature	°C (°F)	-45/+80 (-49/+176)				
Dimensions HxWxD	mm	128x61x59	110x61x59	140x61x59		220x61x59
Weight (with packaging)	kg	0.25 (0.28)	0.25 (0.28)	0.32 (0.36)		0.57 (0.62)
Conformity/Certifications	-	CE-UL c  File n. E301228				
VERSIONS						
with integrated fixed thermostat NC 5 °C						
		IP-H25.001	IP-H50.001	IP-H75.001	IP-H100.001	IP-H150.001



Touch Shield | 25W to 150W

Feature	Unit	IP-TSH25	IP-TSH50	IP-TSH75	IP-TSH100	IP-TSH150
Heating Capacity	W	25	50	75	100	150
Power supply	V	120-240V AC or DC				
Inrush current	A	2.5	3.5	4	5	9.5
Delayed fuse (advised)	A	4		6.3	8	10
Electrical connections	-	2 screw terminals for stranded or rigid wire 2.5 mm ²				
Protection class	-	Class II				
Protection degree EN60529	-	IP20				
Operating temperature	°C (°F)	-45/+70 (-49/+158)				
Storage temperature	°C (°F)	-45/+80 (-49/+176)				
Dimensions HxWxD	mm	125x41x41		140x70x63		220x70x63
Weight (with packaging)	kg	0.17 (0.19)		0.41 (0.45)		0.66 (0.72)
Conformity/Certifications	-	CE-UL c  File n. E301228				
VERSIONS						
with integrated fixed thermostat NC 5 °C						
		IP-TSH25.001	IP-TSH50.001	IP-TSH75.001	IP-TSH100.001	IP-TSH150.001



Fan Assisted | 250W to 750W

Feature	Unit	IP-FH250	IP-FH400	IP-FH500	IP-FH750
Heating Capacity*	W	250	400	500	750
Power supply	V Hz	230V 50/60Hz			
Max. Current	A	1.2	1.9	2.4	3.6
Heating Element Type	-	Resistor			
Thermal Protection	-	Thermal cut out fuse in case of fan failure			
Radiator	-	Extruded aluminium profile; anodized			
Axial Fan	-	Ball bearing; service life 50,000 hrs at 25°C (77°F), Air flow rate 44m ³ /h; Free flow			
Signalling	-	Green LED power ON			
Electrical Connections	-	3 screw terminals for stranded or rigid wire 2.5 mm ²			
Protection Class	-	Class I, earthed			
Protection Degree EN60529	-	IP20			
Operating Temperature	°C (°F)	-25 / +70 (-13 / +158)			
Storage Temperature	°C (°F)	-45 / +80 (-49 / +176)			
Mounting	-	Clip for mounting on DIN rail 35 mm EN50022			
Installation Position	-	Best efficiency in vertical position			
Dimensions HxWxD	mm	135H x 82W x 112D	165H x 82W x 112D	165H x 82W x 112D	225H x 82W x 112D
Weight (With Packaging)	Kg	0.88 (0.94)	0.97 (1.04)	0.97 (1.04)	1.35 (1.42)
Conformity/Certifications	-	CE-UL c  File n. E301228			



Fan Assisted (Small Footprint) | 150W to 400W

Feature	Unit	IP-TMX150	IP-TMX200.24	IP-TMX250	IP-TMX300	IP-TMX400	IP-TMX500	IP-TMX600
Heating Capacity*	W	150	200	250	300	400	500	600
Power supply	V	230V 50/60Hz		24V DC		230V 50/60Hz		
Delayed Fuse (Advised)	A	6.3	-	6.3			10	10
Heating Element Type	-	PTC Radiator						
Electrical Connections	-	Spring terminals						
Protection Class	-	Class II						
Protection Degree EN60529	-	IP20						
Operating Temperature	°C (°F)	-40 / +70 (-40 / +158)						
Storage Temperature	°C (°F)	-40 / +70 (-40 / +158)						
Axial Fan	-	Ball bearing, service life 50,000 hrs at 25°C (77°F), Air flow rate 45m ³ /h, free blow						
Mounting	-	Clip for mounting on DIN rail 35 mm EN50022						
Installation Position	-	Best efficiency in vertical position						
Dimensions HxWxD	mm	89H x 67W x 99D						
Weight (With Packaging)	Kg	0.36 (0.4)						
Conformity / Certification	-	CE-UL c  File n. E301228						

