Semiconductor Heater SHGW 140 Series 15W to 150W

Pressure clamp connectors

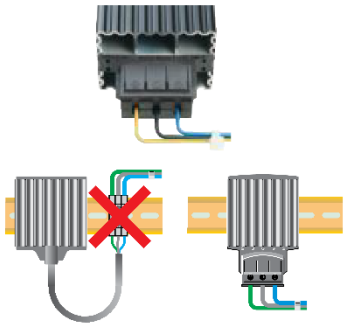
Dynamic heating up
Wide voltage range
Energy saving
Clip fixing
Quick installation

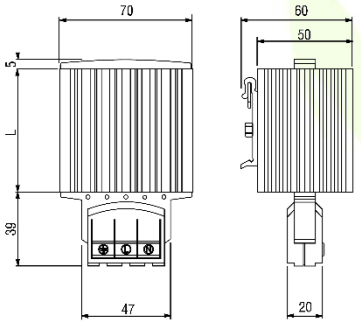
These heaters are used in enclosures where damage from condensation must be prevented, or where the temperature may not fall below a minimum value. The aluminium profile heater body design has a chimney effect and distributes the heat evenly. The heaters are designed for permanent operation. Pressure clamp connectors save time and simplify installation.

RoHS

Technical Data

	(min.110V,max.265V)
Heating element	PTC resistor - temperature limiting
Heater body	extruded aluminium profile, anodised
Connection	3 pressure clamps for stranded wire 0.5-1.5mm' (with wire end ferrule) and rigid wire 0.5-2.5mm'
Connection casing	plastic according to UL94 V-0. black
Mounting	clip for 35mm DIN rail
Fitting position	vertical airflow (air outlet up, connection on bottom)
Operating/ Storage temperature	-45 to+70°C (-49 to+158°F)
Operating/ Storage humidity	max. 90% RH (non-condensing)
Protection type / Protection class	IP20 / I (earthed)
Approvals	CE,RoHS





Art. No.	Heating capacity*	Inrush current max.	Pre-fuse T(time-delay)	Length (L)	Weight (approx.)
SHGW140-15W	15W	1.5A	1A	65mm	0.3kg
SHGW140-30W	30W	3.0A	2.5A	65mm	0.3kg
SHGW140-45W	45W	3.5A	2.5A	65mm	0.3kg
SHGW140-60W	60W	2.5A	2.5A	140mm	0.4kg
SHGW140-75W	75W	4.0A	4A	140mm	0.5kg
SHGW140-100W	100W	4.5A	4A	140mm	0.5kg
SHGW140-150W	150W	9.0A	6.3A	220mm	0.7kg

*Operating with voltages below 140V AC/DC reduces heating performance by approx.10%.
*at 20°C (68°F) ambient temperature