

## Semiconductor Heater SHGW 140 Series 15W to 150W

### Pressure clamp connectors



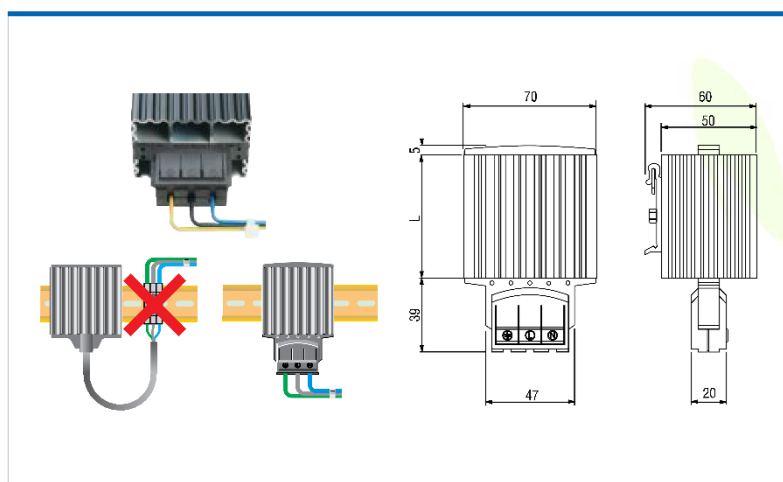
**Dynamic heating up**  
**Wide voltage range**  
**Energy saving**  
**Clip fixing**  
**Quick installation**

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

Heating element	(min.110V,max.265V)
Heater body	PTC resistor - temperature limiting
Connection	extruded aluminium profile, anodised
	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 max. current	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