GOSSOUTDOOR
shading systems

Electrical Requirement Guidelines

Awnings

Electrical Requirement Guidelines for Awnings

To connect our **Awning** to the electric cable (as seen in the link below) we require:

FLEXIBLE CABLE 3-CORE 2.5MM² WHITE | Link

(Please note this is a guidance link only. The cable colour will be determined by the customer. The cable measurement will be advised by your electrician, therefore the price will be based on measurement.)

Option 1

BG STORM 13A WEATHER-PROOF SWITCHED FUSED SPUR C/W NEON - IP66
Link

Option 2

MK MASTERSEAL PLUS 13A 2 GANG SWITCHED SOCKET (98279)
Link

(This is what we require from the electrician, so once we come to install the product it should be ready for us to connect. Please note this is a guidance link only. The waterproof switch will be determined by the customer.)

The number of required outlets can be easily calculated:

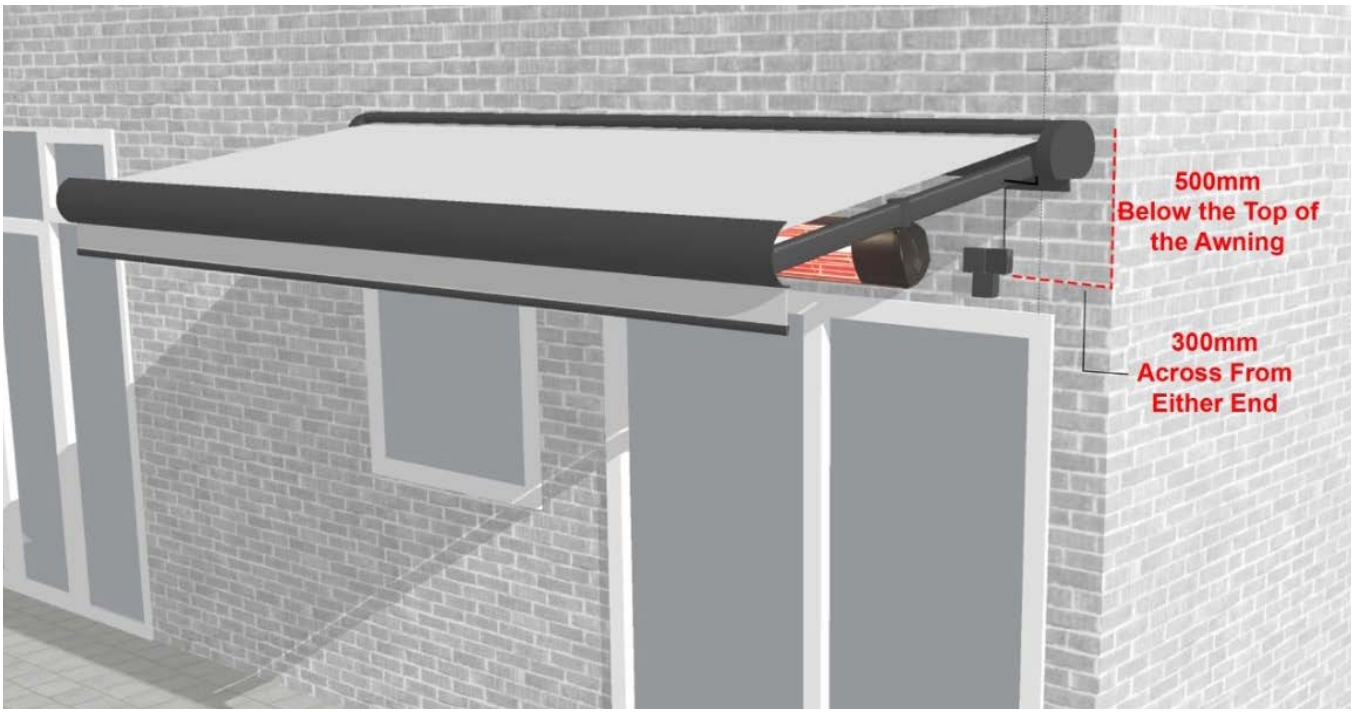
1 SCENARIO 1: AWNING ON ITS OWN

(x1) 13amp outlet is required for the motor of the awning which can either be: (x1) BG Storm 13A Weather-proof Switched Fused Spur OR (x1) MK Masterseal Plus 13A 2 Gang Switched Socket.

2 SCENARIO 2: AWNING & 1 OPTIONAL ITEM
(Lighting / Heater)

(x2) 13amp outlets are required which can either be: (x2) BG Storm 13A Weather-proof Switched Fused Spur OR (x1) MK Masterseal Plus 13A 2 Gang Switched Socket.

3 SCENARIO 3: AWNING & 2 OPTIONAL ITEMS
(Lighting & Heater)



(x3) 13amp outlets are required which can either be: (x3) BG Storm 13A Weather-proof Switched Fused Spur OR (x2) MK Masterseal Plus 13A 2 Gang Switched Socket.

Each piece of equipment, or an additional optional item such as heaters would require an additional 13 amp outlet as per **link**.

As can be seen from diagrams above we can connect the electrics to either the left or the right hand side. Please refer to the diagram for advised socket location. This should be placed approximately 500mm below the top of the awning, and 300mm from either side of the wall. Awnings need to be an average 3m from the floor and the socket needs to be an avarage of 2.5-2.8m from the floor.

IMPORTANT

- Please make sure the power supply isn't coming off the lighting circuit. It should ideally be a separate supply of the consumer unit or at least off the main power ring.
- We recommend a separate dedicated supply for the outdoor installations. **Seek advice from an approved electrician.*
- The power outlets **must** be RCD protected as they are placed outdoors.
- Your electrician must check the supply of electrical connections, and you must show our team a valid installation certificate for the outlets the awning will be connected to completed by a qualified electrician prior to our team coming to install your awning.
- If your project has more than 3 heaters, the heaters may require a separate supply from the consumer unit, or you would have to supply a power outlet capable of carrying them.
- If the project has more than one heater, and therefore they would need to be placed further away from the power supply, the client would have to organise connections to the power outlet after installation of heaters.
- The voltage supply must be within standards of 207-253V. If your supply is outside of this you would need to install a voltage stabiliser.
- Heater(s) must be placed at least 2100mm above ground and 500mm away from any awnings.
- If a heater doesn't have a remote control,an on/off switch may be installed by a certified electrician which must be max 1200mm above ground (for disabled access).
- The socket for any heaters must be placed separately from the socket of the awning – preferably within 300/500mm of the heater.

We are not electricians so therefore; we are unable to provide final connections. We will leave your system with hanging tail ends.

When installed, as standard we need a 7 degree angle minimum for your awning.
The motor will be located on the Right Hand Side (RHS) from outside view.
If you require the motor to be located on the Left Hand Side (LHS) from outside view, this is possible however the lead time will be extended to around 8 – 10 weeks.

DISCLAIMER

+ The images featured are for illustration purposes only. Site spesific photos required for the best advise.
++ We advise customers or electricians to always contact a member of the team before installing connections so there are no issues.

Project Specific Electrical Requirements

DISCLAIMER

In the case of failure to comply with above outlined standards, our installation team reserves the right to refuse installation or delay installation until standards have been met to ensure the safety of our installation team as well as your site and the product. If the product motor fails due to failure to meet standards this will void the warranty. GOSS Outdoor does not accept any responsibility in providing electrical connections, therefore any fault in the electrics will be the responsibility of the customer. All images provided are indicative only and must be checked by an approved electrician.

Customer Reference Number	#
Customer Name & Surname	
Installation Address	

Equipment	Description	Voltage (V) Rated Power (W)	Outlet Supply	Tick If Applicable	Quantity
Awning	ALTUS 60 RTS 70/17 ALTUS 60 RTS 85/17	230V / 240W	13A		
Led Lights	SAMSUNG Warm Light IP65	12V / 24W/m	13A		
2kW Heater (GOSS Outdoor)	AQUA 2kW GSA20 / SOLAMAGIC S1 / S3 / D3 IO IR 05070	230V / 2000W	13A		
4kW Heater	SUPRA PLUS 4kW GSS40	230V / 4000W	25A		

Total number of equipments for this project	
Total number of outlets required	
Total load (current in W)	

(To be completed by operator) / The table above is for guidance only. Refer to your approved electrician.

I confirm that I have read all above points and will prepare the electrical connections for the installation team to meet the outlined requirements. I understand that if these requirements are not met, the team withhold the rights to return for installation on another date and I will be responsible to reimburse any extra costs caused due to the team being unable to carry out the installation on the original date, to be paid before the second attempt for installation.

Full Name	
Signed	
Date	

(To be completed by customer)