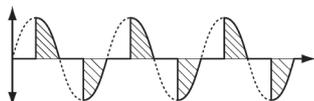


SG4 Range - Phase angle controller

This relay is designed to proportionally vary the switching moment on a sinusoidal mains at an analog output thereby varying the RMS voltage at the terminals of the load. Applications : light dimmer, heating regulation single phase variable speed control (vibrating feeders, etc). Model with LED and RC and VDR network.

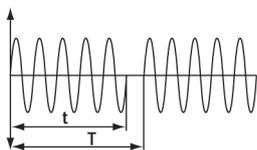


| PRODUCT REFERENCE | Switching Current | Switching voltage | Control Voltage | Input R | I _t | Dimensions mm |
|-------------------|-------------------|-------------------|-----------------|---------|-----------------------|------------------|
| SG441020 | 10A | 115-265VAC | 0-10VDC | 400 kΩ | 72A ² s | 100 x 73,5x 39,5 |
| SG444020 | 40A | 115-265VAC | 0-10VDC | 400 kΩ | 1500A ² s | |
| SG444120 | 40A | 115-265VAC | Potentiometer | 200 kΩ | 1500A ² s | |
| SG444420 | 40A | 115-265VAC | 4-20mA | 250 Ω | 1500A ² s | |
| SG464020 | 40A | 200-460VAC | 0-10mA | 400 kΩ | 1500A ² s | |
| SG464120 | 40A | 200-460VAC | Potentiometer | 200 kΩ | 1500A ² s | |
| SG464420 | 40A | 200-460VAC | 4-20mA | 250 Ω | 1500A ² s | |
| SG468020 | 70A | 200-460VAC | 0-10VDC | 400 kΩ | 5000A ² s | |
| SG468120 | 70A | 200-460VAC | Potentiometer | 200 kΩ | 5000A ² s | |
| SG468420 | 70A | 200-460VAC | 4-20mA | 250 Ω | 5000A ² s | |
| SG469020 | 110A | 200-460VAC | 0-10VDC | 400 kΩ | 20000A ² s | |
| SG469120 | 110A | 200-460VAC | Potentiometer | 200 kΩ | 20000A ² s | |
| SG469420 | 110A | 200-460VAC | 4-20mA | 250 Ω | 20000A ² s | |

These products should be mounted on heatsink in order to reach nominal current.

SG5 Range - Full wave pulse controller

This relay has an analog input isolated from the mains to proportionally vary the cyclic operating ratio of a load (t/T). Control and mains are synchronous and output only has full periods. Models with LED and RC and VDR network protection.



| PRODUCT REFERENCE | Switching Current | Switching Voltage | Control Voltage | Input R | I _t | Dimensions mm |
|-------------------|-------------------|-------------------|-----------------|---------|---------------------|-------------------|
| SG541020 | 10A | 230VAC | 0-10VDC | 250 Ω | 72A ² s | 100 x 73,5 x 39,5 |
| SG541120 | 10A | 230VAC | Potentiometer | 1 MΩ | 72A ² s | |
| SG541420 | 10A | 230VAC | 4-20mA | 350 Ω | 72A ² s | |
| SG544020 | 40A | 230VAC | 0-10VDC | 350 Ω | 610A ² s | |
| SG544120 | 40A | 230VAC | Potentiometer | 1 MΩ | 610A ² s | |
| SG564020 | 40A | 400VAC | 0-10V | 250 kΩ | 610A ² s | |
| SG564120 | 40A | 400VAC | Potentiometer | 1 MΩ | 610A ² s | |
| SG564420 | 40A | 400VAC | 4-20mA | 350 Ω | 610A ² s | |

For higher power ratings and three phase, ask for our application notes. These products should be mounted on heatsink in order to reach nominal current.