

# GRSH-120-48-D-0-60 Cut Sheet



Gefran solid state relay with fan, 35mm DIN rail mount, 6-32 VDC input voltage, SPST, (1) N.O. SCR, 120A contact rating, 24-480 VAC load voltage, push-in spring, overvoltage and thermal protection, external 230 VAC required.

For complete product information, please see this item on our store at the following link:



<https://www.automationdirect.com/pn/GRSH-120-48-D-0-60>

## Technical Specifications

|                            |                |
|----------------------------|----------------|
| <b>Brand</b>               | Gefran         |
| <b>Item</b>                | Relay with fan |
| <b>Relay Type</b>          | Solid state    |
| <b>Mounting</b>            | 35mm DIN rail  |
| <b>Relay Housing Type</b>  | Finger-safe    |
| <b>Input Voltage</b>       | 6-32 VDC       |
| <b>Relay Configuration</b> | SPST           |
| <b>Output Type</b>         | (1) N.O. SCR   |
| <b>Load Voltage</b>        | 24-480 VAC     |

|                                   |   |
|-----------------------------------|---|
| <b>Contact Rating</b>             | 120A  |
| <b>Switching Type</b>             | Zero cross  |
| <b>Connector Type</b>             | Push-in spring  |
| <b>Indicator</b>                  | LED   |
| <b>Protection Type(s)</b>         | <ul style="list-style-type: none"><li>• overvoltage</li><li>• thermal</li></ul> |
| <b>External Power Requirement</b> | 230 VAC   |

## Agency Approvals

|                             |  |
|-----------------------------|--|
| <b>UL Listed File #</b>     | E243386                                |
| <b>UL Recognized File #</b> | None                                   |
| <b>UL Hazardous File #</b>  | None                                   |
| <b>CE</b>                   | <a href="#">View CE declarations</a>   |
| <b>CSA File #</b>           | None                                   |
| <b>RoHS Status</b>          | Yes (See CE Doc)                       |
| <b>EU REACH</b>             | <a href="#">View EU REACH document</a> |

## Dimensional Drawings



2D Drawing PDF Link:  
<https://cdn.automationdirect.com/static/drawings/2d/GRSH-120-48-D-0-60.pdf>  
See store item page for other formats.