

# GRSH-90-48-A-5-60 Cut Sheet



Gefran solid state relay with fan, 35mm DIN rail mount, 20-260 VAC input voltage, SPST, (1) N.O. SCR, 90A contact rating, 24-480 VAC load voltage, push-in spring, overvoltage and thermal protection, external 230 VAC required. Thermal alarm.

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



<https://www.automationdirect.com/pn/GRSH-90-48-A-5-60>

## 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>	20-260 VAC
<b>Relay Configuration</b>	SPST
<b>Output Type</b>	(1) N.O. SCR
<b>Load Voltage</b>	24-480 VAC

<b>Contact Rating</b>	90A
<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
<b>Additional Information</b>	Thermal alarm

## 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-90-48-A-5-60.pdf>  
See store item page for other formats.