



ELECTRONICS PRODUCTS > PROTECTION CONTROL & TIME RELAYS > VOLTAGE MONITORING RELAYS

## G1-SA

**Stock Keeping Unit (SKU):** 270130

*Voltage Monitoring Relay*

### Commercial Information

Product Sales Code	<b>270130</b>
Package Unit	<b>1 pcs.</b>
Customs Tariff Number	<b>853649000029</b>
Weight Per Unit Including Packaging	<b>0.066 kg.</b>

### Technical Information

General	
Networks	<b>3Ø with Neutral</b>
Connection Type	<b>Screw terminal</b>
Protection Class	<b>IP20</b>
Weight G	<b>66</b>
Packaging Quantity	<b>1</b>
Case Width Mm	<b>17,5</b>
Mounting Type	<b>--</b>
Operating Frequency	<b>50-60Hz</b>
Supply Frequency	<b>50-60Hz</b>
Control Input Voltage Range	<b>----</b>
Response Time For Monitoring Any Function	<b>500ms</b>
Emc Emi	<b>+</b>
Output Type	<b>Relay</b>

### Current Measurement Input

Power Consumption	<b>&lt;3VA AC</b>
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### Power Supply

Voltage	<b>230VAC ±25% from L3-N AC</b>
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### Environmental Conditions

Operating Temperature	<b>-20 / +60 °C</b>
Storage Temperature	<b>-40°C +75°C</b>
Relative Humidity Non Condensing	<b>Maks. 95% (no condensation)</b>

### Backup Connections

Type	<b>1 C/O (SPDT)</b>
Max Values Ac No Side	<b>10A/250V; 1250 VA</b>
Max Values Dc No Side	<b>5A/30VDC; 150W</b>
Mechanical Operating Life	<b>= 107 operations</b>
Electrical Operating Life No Side	<b>5×10<sup>4</sup> (5A@250VAC) 1×10<sup>5</sup> (5A@30VDC)</b>

### Phase Absence

Fixed Delay Time	<b>500ms</b>
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### Phase Sequence

Fixed Delay Time	<b>--</b>
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### Adjustablefixed Unbalance Protection

Rangelimit	<b>± (5% =&gt; 20%)/ OFF</b>
Hysteresis	<b>3% x Un ~ 6,9VAC</b>
Delay Time	<b>0.1=&gt;10s</b>

### Adjustable Voltage Protection

Upper Limit	<b>+ (5% =&gt; 20%)/OFF</b>
Lower Limit	<b>-(5% =&gt; 20%)/OFF</b>
Hysteresis	<b>6 VAC</b>
Delay Time	<b>0.1=&gt;10s for off delay operation</b>

### Adjustable Current Protection

Upper Limit	<b>test</b>
Lower Limit	--
Hysteresis	--
Delay Time	--

### Adjustable Frequency Protection

Upper Limit	--
Lower Limit	---
Hysteresis	--
Delay Time	--

### Adjustable excessive High Low Voltage Protection

Upper Limit	--
Lower Limit	--
Hysteresis	--
Delay Time	--

### Ptc Protection

Fixed Delay Time	--
Threshold	--