



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

G1-SAP

Stock Keeping Unit (SKU): 270131

Voltage Monitoring Relay

Commercial Information

| | |
|-------------------------------------|---------------------|
| Product Sales Code | 270131 |
| Package Unit | 1 pcs. |
| Customs Tariff Number | 853649000029 |
| Weight Per Unit Including Packaging | 0.066 kg. |

Technical Information

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

Current Measurement Input

| | |
|-------------------|-------------------|
| Power Consumption | <3VA AC |
|-------------------|-------------------|

Power Supply

| | |
|---------|---------------------------------|
| Voltage | 230VAC ±25% from L3-N AC |
|---------|---------------------------------|

Environmental Conditions

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

Backup Connections

| | |
|-----------------------------------|---|
| Type | 1 C/O (SPDT) |
| Max Values Ac No Side | 10A/250V; 1250 VA |
| Max Values Dc No Side | 5A/30VDC; 150W |
| Mechanical Operating Life | = 107 operations |
| Electrical Operating Life No Side | 5×10⁴ (5A@250VAC) 1×10⁵ (5A@30VDC) |

Phase Absence

| | |
|------------------|--------------|
| Fixed Delay Time | 500ms |
|------------------|--------------|

Phase Sequence

| | |
|------------------|-----------|
| Fixed Delay Time | -- |
|------------------|-----------|

Adjustablefixed Unbalance Protection

| | |
|------------|------------------------------|
| Rangelimit | ± (5% => 20%)/ OFF |
| Hysteresis | 3% x Un ~ 6,9VAC |
| Delay Time | 0.1=>10s |

Adjustable Voltage Protection

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

Adjustable Current Protection

| | |
|-------------|----|
| Upper Limit | -- |
| 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 | 2000ms |
| Threshold | 1100 Ohm |