



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

G1D-SA

Stock Keeping Unit (SKU): 270140

Voltage Monitoring Relay

Commercial Information

Product Sales Code	270140
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 **<4VA AC**

Power Supply

Voltage **380-480VAC $\pm 25\%$ from L1-L3**

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 **$\pm (5\% \Rightarrow 20\%)/OFF$**

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	--
Threshold	--