

GOGATE ELECTROSYSTEMS (N) PVT LTD.

### **DESIGN AND DEVELOPMENT**

PRODUCT SPECIFICATIONS FOR ANTIPUMPING RELAY

Doc. No. : PS/D&D/APD/28A

Rev. No. : 05

Rev. Date: 08/03/2021

### **Electrical:**

Input: 24 TO 220VAC/DC. Output Relay Contact: 1C/O

Contact rating: 7A @300VAC, 2.5A @110VDC

#### **Mechanical:**

Wall mountable

Overall Dimensions: 56(L) X 56(W) X 31(H) mm

Material: ABS plastic

Color: Toaster white (RAL9003)

Weight: 0.15KG approx.

#### **Environmental:**

Ambient Temperature Operation: -5° C to +60° C

Ambient Temperature storage: -20 °C To +65°C

Humidity: 95% RH, non-condensing.

# Operation:

It prevents multiple breaker closure of the circuit breaking in the fault condition. If the close command is remains in the pressed condition, there is a chance of the breaker closing again and being tripped by the relay multiple times. This can damage the closing mechanism of the breaker.

Anti-pumping relay prevents this by ensuring that the breaker closes only once for one close command from the control panel.









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### **Product Photo:**



# Designed with referring following standards:

IEC60947-1 HV dielectric test for 2KV AC IEC 60529:2001 -IP55 Ingress Protection

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