ProgeTech
Innovation & Engineering

MADE IN ITALY

TNC ROTARY SWITCH

48mm – 2 POLE & 4 POLE

PRODUCT OVERVIEW

Progetech TNC (Trip-Neutral-Close) Rotary Switch is used for remote control of circuit breakers and other electrical switching equipment. The switch provides three stable positions – TRIP, NEUTRAL and CLOSE – with spring return to neutral from both sides.
It is designed for reliable performance in control and power distribution panels.

FEATURES

- 3 Position: TRIP – NEUTRAL – CLOSE
- Spring return to NEUTRAL from both sides
- Robust and compact design
- Easy panel mounting
- High electrical durability
- Suitable for control circuits (AC/DC)
- Clear position indication

APPLICATIONS

- Circuit Breaker Control Panels
- Power Distribution Boards
- Motor Control Centres (MCC)
- Generator Control Panels
- Industrial Automation Panels

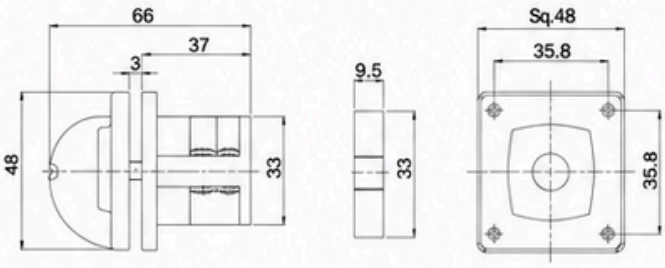
TECHNICAL SPECIFICATIONS

Product Type	TNC Ratary Switch
Mounting Cut-out	48mm
Positions	3 Position (Trip – Neutral – Close)
Operation	Spring return to Neutral from both sides
Poles	2 Pole (1NO – 1NC) / 4 Pole (2NO – 2NC)
Rated Insulation Voltage (Ui)	690V AC
Rated Thermal Current (Ith)	22A
Rated Operating Voltage (Ue)	AC 415V / DC 220V
Rated Operating Current (Ie)	22A (AC-15) / 2A (DC-13)
Electrical Life	≥ 100,000 Operations
Mechanical Life	≥ 250,000 Operations
Terminal Type	Screw Clamp
Mounting	Panel Mount
Protection Degree (Front)	IP20
Standard	IEC 60947-5-1
Operating Temperature	-25°C to +70°C
Made In	Italy

2 POLE TNC ROTARY SWITCH (48mm)

2 Pole = 1NO – 1NC

DIMENSIONAL DRAWING (2 POLE)

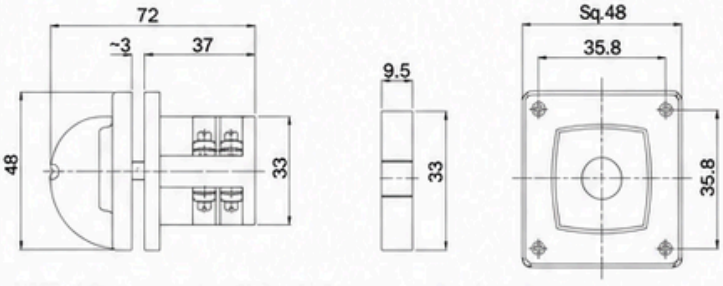


NOTE: 2 Pole version has 1NO – 1NC contact block (2 terminals).
All other dimensions are same as shown.

4 POLE TNC ROTARY SWITCH (48mm)

4 Pole = 2NO – 2NC

DIMENSIONAL DRAWING (4 POLE)



NOTE: 4 Pole version has 2NO – 2NC contact blocks (4 terminals).
All other dimensions are same as shown.

POSITION & FUNCTION

TRIP (T)
Rotate handle to TRIP position.
Trip circuit gets energized.
Switch returns to NEUTRAL automatically.

NEUTRAL (N)
Normal position.
No circuit is energized.

CLOSE (C)
Rotate handle to CLOSE position.
Close circuit gets energized.
Switch returns to NEUTRAL automatically.