



*PROCOM*<sup>®</sup>

Auxilliary / Lockout Relay



## FEATURES

- Electromechanical design
- Screw terminals
- Self or hand reset contacts
- Protective transparent cover for the element
- Compact flush mounting case

## Description

High speed tripping relays are electromechanical, attracted armature type, used in control and alarm circuits. Each element is enclosed in a dust proof moulded, transparent, polycarbonate cover. This results in a compact rugged and reliable design. Radio metal is used for the magnetic components such as the armature, the core and the yoke of the relay to ensure good electrical performance. The contacts are made from phosphor bronze and are nickel plated. The contact tips are of pure silver. The use of these materials ensures very good contact performance. Each element can be offered as - **4 NO + 1 NC or 3 NO + 2 NC or 2 NO + 3NC** or 5 NO(to be specified while ordering)

## Technical Data Ratings

Rated voltage	: 24,30,48, 110,220 or 250 V DC
Operating range	: 50-120% of rated voltage
Burden	: 25 watts (maximum) at rated voltage
Operating time	: Less than 10 ms at rated voltage (nominal)
Operation indicator	: Hand reset mechanical flag
Contacts	: 4 NO + 1 NC or 3 NO + 2 NC or 2 NO + 3NC + 5 NO

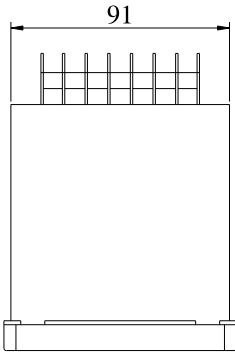
## Contact Rating

Make & Carry continuous (AC - DC)	: 2500 VA with maxima of 5 A and maxima of 660 V AC : 2500 W with maxima of 5A and maxima of 660VDC
Make & Carry for 3s (AC - DC)	: 7500 VA with maxima of 30 A and maxima of 660 V AC 7500 W with maxima of 30A and maxima of 660VDC
Break (AC-DC)	: 2500VA with maxima of 5 A and maxima of 660V AC 100W (resistive) 50W (inductive) with maxima of 5A and maxima of 250V DC
Insulation	: (1) 2 KV RMS, 50Hz. For 1 minute / 2.5 KV for 1s. Between all terminals and case as per IEC 60255 (2) 1 KV RMS, 50Hz. For 1 minute across open contacts as per IEC 60255
Operating temperature	: -10 deg. To +55 deg.C

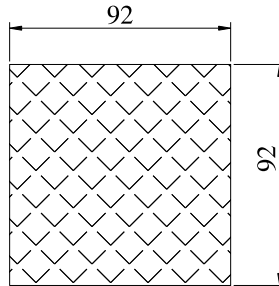
# Model Selection

Type	Contact Configuration	Coil Voltage	Coil Voltage
PLR: Lockout Relay RAR: Auxilliary Relay	1: 4NO+1NC 1: 3NO+2NC 1: 2NO+3NC 1: 5NO	24 : 24 Volt 30 : 30 Volt 48 : 48 Volt 110 : 110 Volt 250 : 250 Volt	AC: Suitable - AC Supply DC: Suitable - DC Supply
XXX	X	XXX	XX
PAR Example Lockout Relay With 4NO+1NC Contact & 24 VDC Coil Operating Voltage	1	024	DC

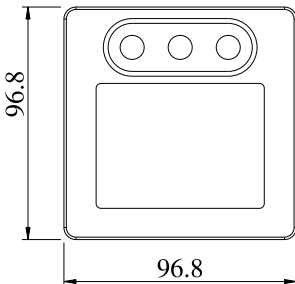
## Dimension



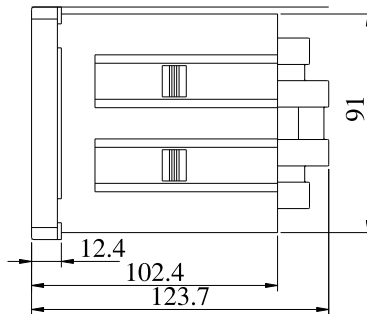
Top View



Panel Cutout



Front View



Side View

All dimensions are in mm.

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