

**ELECTRICAL SAFETY**  
**POWER QUALITY**  
**ENERGY MANAGEMENT**



## Residual Current Devices Indicator E930 Series

- DIN-rail mounting Residual Current Devices Indicator designed for hospital & Medical Environment
- Selectable trigger sensor
- Built-in reminder function
- Fuses protection for main circuits

# Residual Current Devices Indicator - E930 series



## Product Description

E930 series RCD indicator is designed to monitor body-protected electrical areas, with built-in audible/visual alarm notification for easy identification of any tripping events.

The increasing use of electrically operated medical equipment and the introduction of new appliances for diagnosing and monitoring medical conditions have resulted in a potentially increased danger for patients and practice staff.

'Body protected electrical areas' are described as any area where mains powered equipment is used for patient procedures and where direct contact is intentionally made between any part of the device and the patient should be protected by 10mA residual current devices.

## Device Features

- Amber indicator for "Outgoing Voltage Available"
- Blue Indicator "Incoming Power Available"
- Red Flashing "Indicate tripping event or no voltage available"
- Selectable trigger sensor by trip contact or RCD outgoing voltage
- Built-in reminder function
- Audible/Visual Alarms notification
- Relay output contact for remote monitoring
- Fuses protection for printed circuit boards

## Example of Equipment Required Body Protected

- ECG (unless battery powered)
- Mains powered defibrillator
- Mains powered stimulator
- Therapeutic ultrasound
- Diagnostic ultrasound
- Pressure measuring equipment where transducers have direct contact with body fluids
- All electrosurgery or diathermy equipment
- Mains powered foetal monitor
- Mains powered medical beds

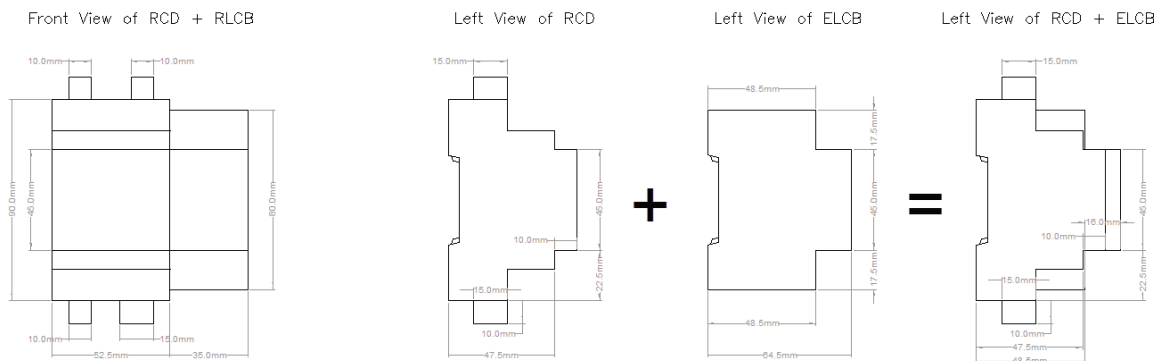
# Technical Specification & Dimensions

## Residual Current Device / E930 Series

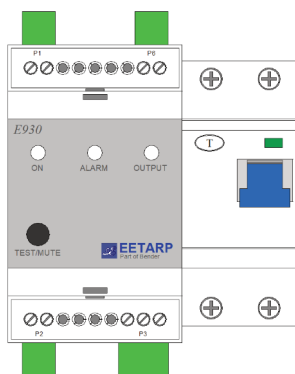
### Specification

Operational Voltage	240Vac ± 10% (50Hz)
Dimensions	90mm (L) x 52.5mm (W) x 57.5 (H)
Mounting	Din-Rail
Enclosure Material	Stainless Steel
Operating Temperature	-10°C to 50°C
Output Relay Rating	1A 120VAC/24VDC
Reminder	Yes (Configurable)
Self-Test	Yes

## Dimensions

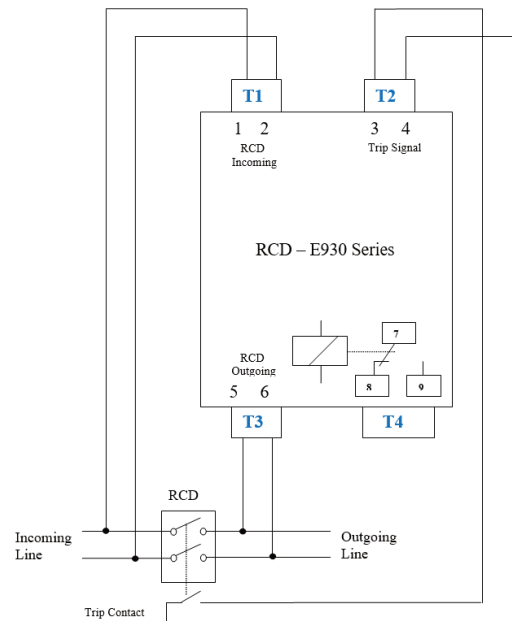


## Applications



# Connection Diagram & Ordering Code

- T1:** Line and Neutral connection from RCD incoming
- T2:** Trip Contact from RCB (Only required if sensing by trip contact)
- T3:** Line and Neutral connection from RCD outgoing
- T4:** Relay output contact for remote monitoring



## Ordering Code for RCD Indicator

E	Eetarp Product Fixed Code
9	Fixed Code
3	RCD Indicator
X	Reserved
-	
X	0 = Without RCD 1 = With RCD
X	0 = Without Trip Contact 1 = With Trip Contact
-	
X	Rating of RCD
X	Rating of RCD
-	
X	mA of RCD
X	mA of RCD



EEPL-CAT-E930-rev02

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