

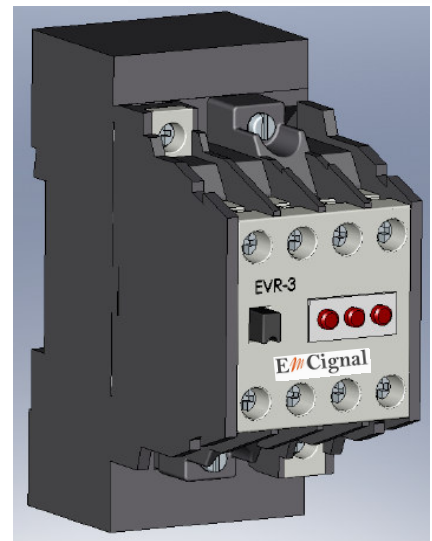
EVR-3

Electricity Voltage and RCD Protection Unit for 230V AC/50Hz 3 Phases

Description

EVR protection series is a family of devices to protect human life, home and industry equipment against electricity fluctuations and electrical hazard.

This series is best for use in home and office applications as well as in industry.



The EVR series provide mainly two kinds of protections:

1. Electronic protection of home applicants from hazard caused by poor isolated equipment. It protects human being – especially children – at home.
2. Protect electricity equipment from the influences of over the and under voltage which frequently causes un-repairable damages. Variety of equipment such as: TV's, Computers, Refrigerators, Air conditioners, etc. are protected from damage caused by fluctuations in the electricity grid.

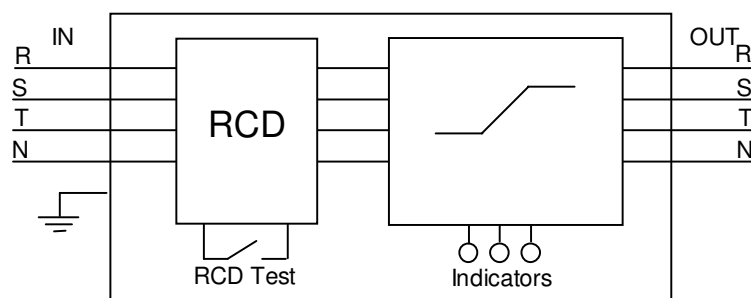
EVR devices are equipped with advanced electronic circuitry for Residual Current Detection (RCD) which significantly increase the reliability (in comparison to common in use devices).

The over and under voltage function is based on advanced decision algorithm of input voltage tracking and monitoring.

Applications

The EVR-3 is designed for 3 phases industry as well as home applications, designated to be installed in the electricity connection box.

General layout



Typical Specifications

standard		IEC 60755
Nominal Voltage		380 V L – L
		230 V L – N
Over Voltage	Operate Continues	> 15% @ 1 Sec
Under Voltage	Operate Continues	> 15%
	Bypass	Yes
Rated Current		3 X 25 A
sensitivity		30 mA
Lightning protection		Yes
Bright LED Indications		RCD, over & under voltage
RCD Test (1A)		Yes

Installation

On the power distribution board

Maintenance

The EVR-3 is maintenance free unit

Performance subjected to changes without prior notice

June 08/EVR-3/A1