

OVCD for Solar inverter

Only product to protect against neutral open or double phasing conditions



Working principle:

OVCD by definition is a protection device for problems such as neutral open or double phasing conditions. These are accidents for which there are no safeguards in industry whatsoever.

OVCD is designed to handle 440V in single phase for indefinite amount of time. Most solar inverters would burn at this voltage.

OVCD shuts the power supply to Solar inverter in such cases and when the voltage comes back to normal, the OVCD switches ON again automatically.

Why should you consider using OVCD before your Solar?

- **Safety from extreme overvoltage caused by trees falling on overhead wires, neutral open or grounding issues**
- Reduced downtime
- Saves your SPDs from frequent replacements
- Your installation becomes more rugged
- Less service calls = Increased profitability + Increased credibility.
- Better perception of quality of your system in the minds of the customers
- Increases the chances of repeat sales or referral sales.

USP:

Now you can install your equipment in the worst electrical conditions without being bothered about service calls.

Features

- **Neutral open protection (Protection up to 440 volts)**
- Withstands up to 6000V spikes
- Smart start
- Under/over voltage protection
- No waveform distortion.
- Lightweight, transformer-less design
- Control mechanism for each phase

Optional features (upon request)

- Single phase preventer (for 3 phase systems)
- Phase Reversal Protection (for 3 phase systems)

OVCD- Over Voltage Cut-off Device

Only product to protect against neutral open or double phasing conditions

Specifications	
Technology	Transformer less IC Technology
Voltage containment	440 VAC
Input Voltage	50-440V AC, 50-60Hz
Operating Voltage	165 to 270VAC (Configurable)
Under Voltage Cut-off	165V \pm 2% (Configurable)
Over Voltage Cut-off	270V \pm 2% (Configurable)
Waveform Distortion	Nil
Changeover time	Less than 8 msec
Indications	LEDs
Power-on Delay	3 sec (Configurable)
Overload Protection	MCB (Optional)
Surge Containment	Up to 6000V
Humidity factor	10% to 90% (Non Condensing)
Operating Temperature	0 to 50°C



1kVA



3kVA



6/ 10kVA



7.5-50kVA 3ph



Micro system Services

111, Dewan industrial estate no. 6, Navghar

Vasai east Palghar-401208

Mail : micross@microsystemservices.com

Web: www.microsystemservices.com

Blog: microsystemservices.wordpress.com

Dealer / Distributor