

## Dx-OVP - Overvoltage Protection

Dx-OVP – Power Protection Module for Dx-SCT telemetry transmitters and sensors with high input voltages and transient overvoltages.

### Examples:

- Inductive supply with high coupling and resultant high output voltage
- Slip ring supply with transient overvoltage



### Inputs (specify at order):

- DC input
- Inductive input for supply with ring and fixed stators; connection fitted directly at the secondary winding.

### Output voltage:

- 9 V<sub>DC</sub> (can be changed upon order)
- Power for up to four Dx-SCTs

### LED Monitoring:

- LED "OUT": regulated 9 V<sub>DC</sub> output voltage active
- LED "IN": input voltage >12 V<sub>DC</sub>
- LED "OV": input voltage > 60 V<sub>DC</sub>

### Dimensions:

- L68 x W24 x H11 mm

### Technical Specs - Dx-OVP

Parameter	Value	Remarks
Input supply voltage DC version	12 to 70 V <sub>DC</sub>	up to 90 V <sub>DC</sub> overvoltage protected; output switched off above 70 V <sub>DC</sub>
Input supply voltage inductive version	0.25 to 14.1 V <sub>AC</sub>	
Operating temperature range	-40 °C to +85 °C	
Ingress protection rating	IP67	
Weight	40 g 65 g	without cable with cable