

46kV - 69kV Optical Sensor

By Hubbell Power Systems
Catalog # [PSC82502201](#)

The Hubbell Power Systems® Sub-Transmission Optical Sensor is designed for 46kV to 69kV overhead sub-transmission system applications. The sensors and RTU equipment measure bidirectional power flow, power quality and report fault events. The state-of-the-art optical design provides unmatched safety and accuracy. The optical sensor can be used standalone for monitoring for faults and power quality or can be used in conjunction with Hubbell’s FlexMO motor operator and switch assemblies to provide a complete SCADA automated sectionalizing solution.

Features

- Optical technology reduces hazards for work crews and fire ignition risks
- Hi accuracy, real-time monitoring of bi-directional 3-phase voltage & current and fault events
- HCEP (Hydrophobic Cycloaliphatic Epoxy construction
- SCADA managed, Auto-sectionalizing option available to improve SAIDI metrics.

General

Catalog Number PSC82502201
Temperature Range -4 to +65 deg C

Dimensions



Height 30 in
Weight 85 lb

Electrical Ratings

BIL 350 kV
Voltage Rating 46 - 69 kV

Product Assets

[Catalogs - Sub-Transmission Optical Monitoring and Sectionalizing Solution](#)
[Catalogs - Sub-Transmission Optical Sensor](#)
[Installation Manuals - TD10332E_Sub-Transmission Optical Monitoring and Sectionalizing Solution_Quick Start Guide](#)
[Specifications - PSC82502201](#)