



VISIBLE BREAK TRANSFORMERS



PARTNER TECHNOLOGIES

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Visible Break Transformers

Partner Technologies offers an innovative visible break feature for padmount transformers equipped with two-position loadbreak switches. The result is an increase to employee safety and a potential decrease to costs.

The visible break feature allows operators to verify contact position through a sealed viewing window. The large viewing area shows the open/close position of the loadbreak switch. The key interlock features on PTI's Visible Break Transformer provide the operator safe access to the viewing window while the unit is energized.

As a result of these optimized safety features, operators feel more secure when performing maintenance work. Depending on local electrical code, the viewing features on PTI's Visible Break Transformer may eliminate the need for a separate switch upstream, therefore saving costs. PTI can also provide a low voltage breaker giving the customer a complete unit substation package. For mining duty or other applications PTI can supply a detachable skid base. The Visible Break Transformer design is compliant with CSA and IEEE manufacturing standards. PTI's vision for innovative transformer technology is increasing its customers' safety and saving them money.

The Power of Green Energy

Partner Technologies manufactures visible break padmount transformers in kVA sizes matched to individual solar power conversion output for projects that are being built across North America. The output voltage of the inverters are typically 208v, 480v, 600v, or 1000 volts. The transformer steps this up to the collector voltage which is usually 5kV, 15kV, 25kV, or 34.5kV.



Above: Front view of visible break transformer with mining duty detachable skid

The Power of Partner Technologies

PTI began in 1989 as a small maintenance and repair shop. When PTI started manufacturing single phase distribution transformers, its expertise grew to the point of recognition as leading innovators of transformer technology. Customers appreciate the opportunity to phone PTI's helpful staff to tap their knowledge of transformer technology. The responses are quick; the solutions, innovative.

Operating with the flexibility and resourcefulness of a small company, PTI's more than 300 employees are ready to take on the world! Registered to the current version of ISO 9001 and a registered patent, PTI is gaining the respect and business of international markets, including the United States, Caribbean, South America, Europe and Africa.

Like its expertise and reputation for manufacturing high quality transformers, Partner Technologies continues to grow.



Above: Visible break viewing window



Above: Inside view of visible break transformer

Visible Break Transformer Product Range

Typical Transformer Ratings	300kVA, 500kVA, 750kVA, 1000kVA
Typical Primary Voltages	15kV, 25kV, 35kV
Typical Secondary Voltages	208V, 480V, 600V

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