

Latched Elbow Indicator*



*Patent Pending

Application Description: The Latched Elbow Indicator is a bright yellow ring located on the circumference of bushing well inserts from Cooper Power Systems. When an elbow is fully latched on the bushing insert, the cuff of the elbow will completely cover the yellow ring. When not fully latched, the yellow ring will be visible to the line personnel providing immediate feedback as to the status of the electrical connection. A yellow triangular tab is also provided on the insert to indicate that the insert is equipped with this Latch Indicator feature.

Benefits Gained: **Eliminates guess-work:** The highly visible yellow ring is a positive means of identifying a proper electrical connection. If the ring is covered, the elbow is latched, if it's visible, it's not latched.

Improved system reliability: Unlatched elbows are poor electrical connections that can be corrected before the line operator leaves the site, instead of after it causes an outage!

Shortens troubleshooting: The visible nature of the Latched Elbow Indicator makes unlatched elbows easy to identify, even at night.

Completely interchangeable: The Latched Elbow Indicator works with all elbows, caps, and elbow arresters currently manufactured.

Availability: January, 1996 for 15 kV class bushing well inserts: Specify catalog number LBI 215. This feature will be added to other Cooper products in the future.