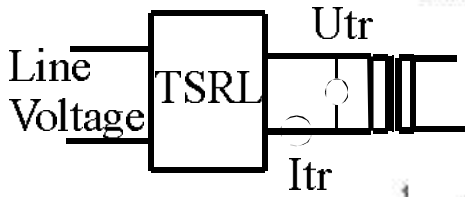
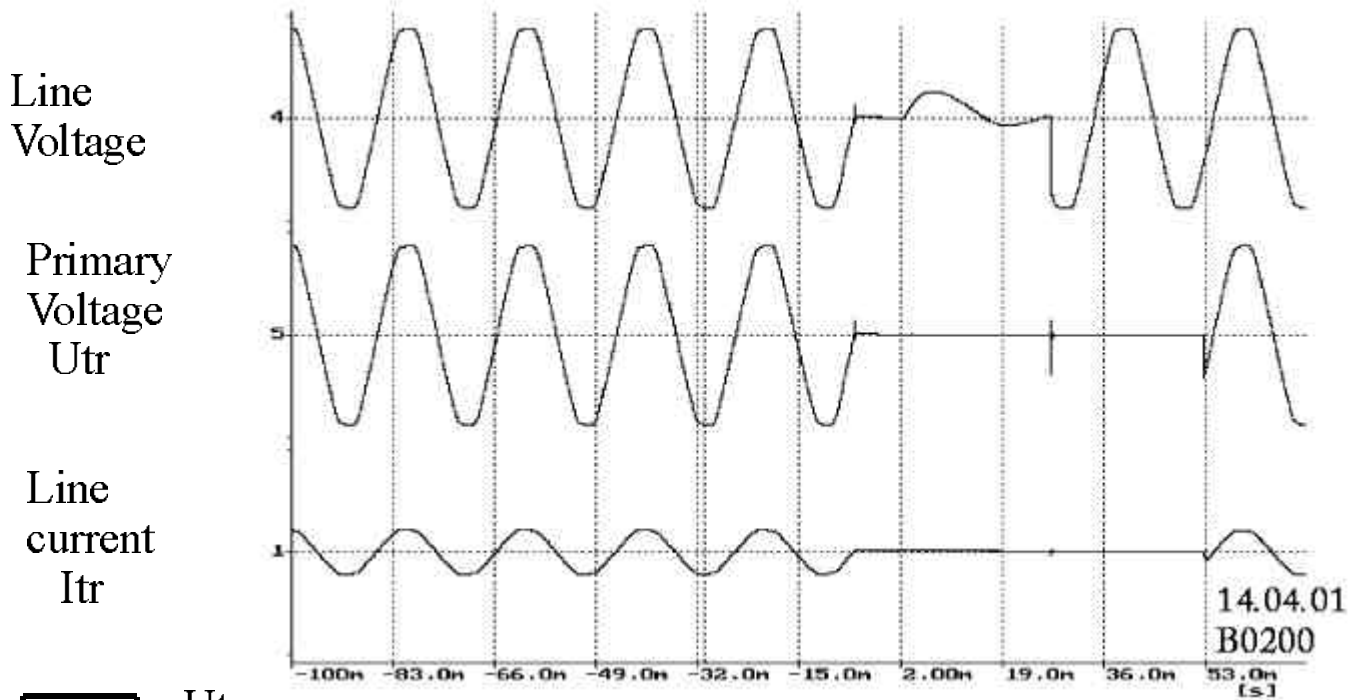


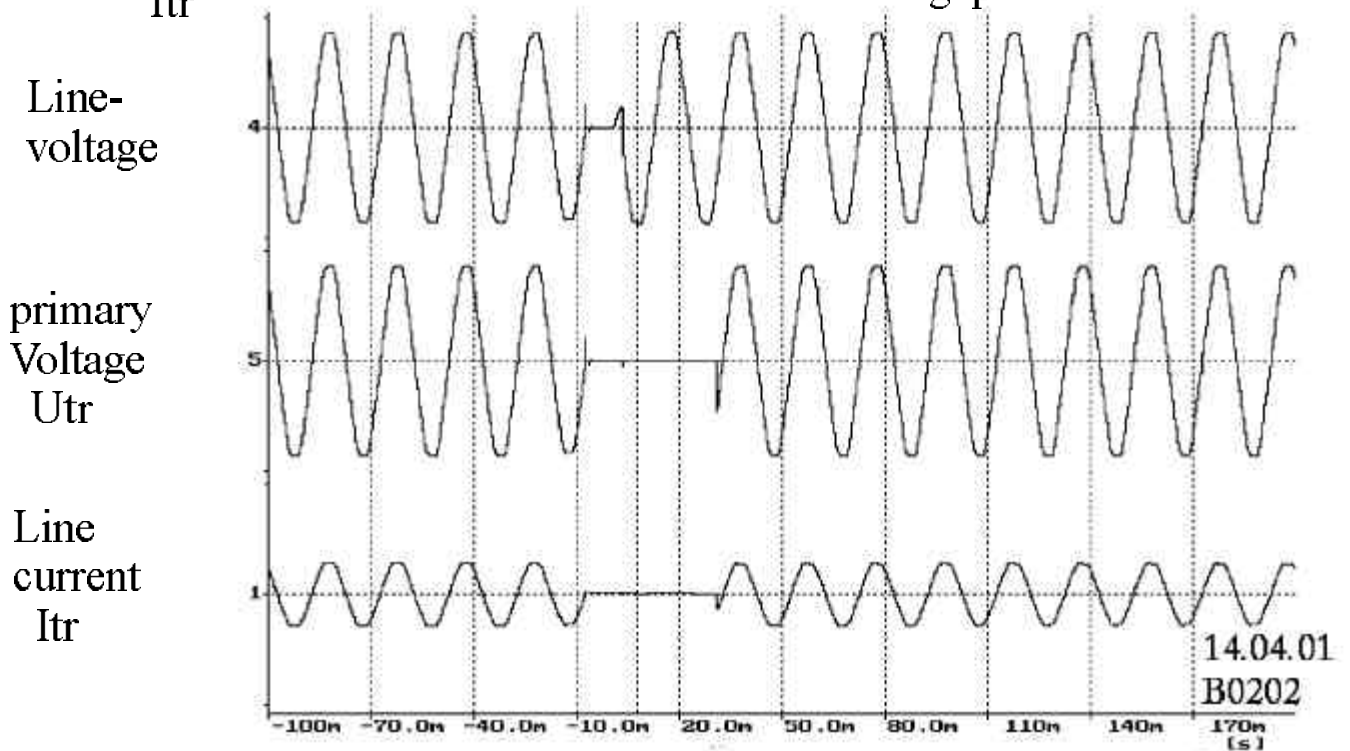
Test with Power Line Voltage Dips, with a TSRL in Front of a 1kVA Toroid Transformer.

TSRL recognize the Dip and avoid the core saturation after the Dip. The TSRL starts as early as possible after the Dip.

About 43 msec. Gap



About 10 msec. gap



Without a TSRL, in both cases a transformer iron core would go into a full saturation and produce after the the Voltage dip a big Inrush current peak.

Emeko Ing.büro
TSRL0200e.cdr