## Power Classification for the PD

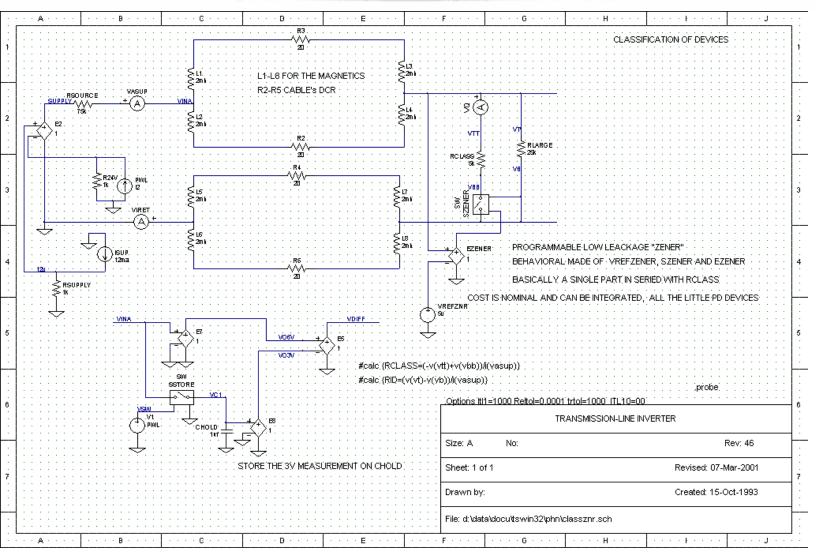
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## PD detection with power classification

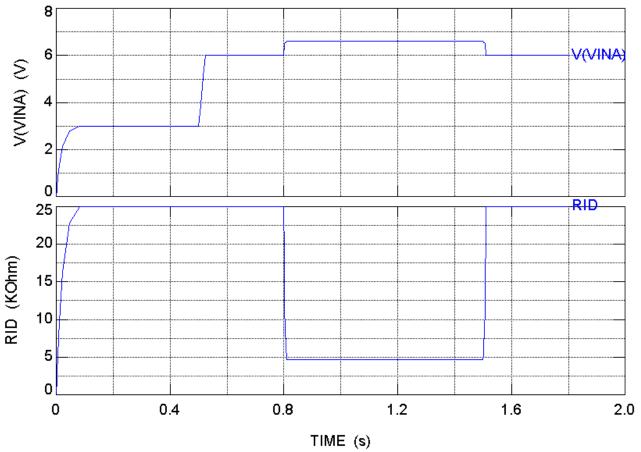
- 3 power levels power classes
- 25K + 2 additional resistors
  Say 10K and 1 or 5K in parallel
- Programmable Zener
  - low leakage with Von ~10V, much higher than the 6v max required by Avaya
- Adds classifications & DOUBLE CHECK
- Optional can be ignored or acted upon by software
- Approve in concept and we'll do the work

## **PD Classification Circuit**



## PD Detection with Classification

CLASSIFICATION OF THE PD USING A PROGRAMMABLE ZENER PLEASE NOTE THE 5K RCLASS WHEN ZENER TURNS ON



Plot 1: — V(VINA) Plot 2: — RID

AVAILABLE FROM ONE VENDOR AT A NOMINAL COST, CAN INCLUDE 25K

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