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Consideration on Single load and Dual load PD

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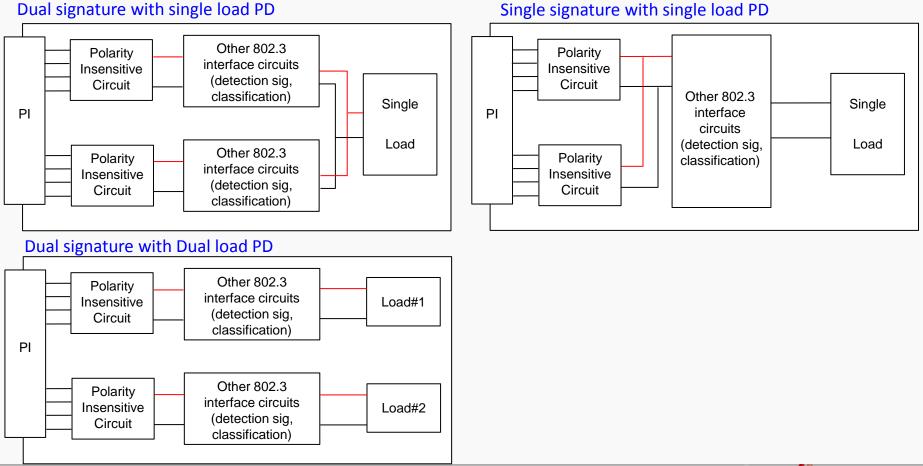


Motivation

- > Discuss possible architectures of single load and dual load PD.
- > Analysis effects of different class in these PD architectures
- > Options



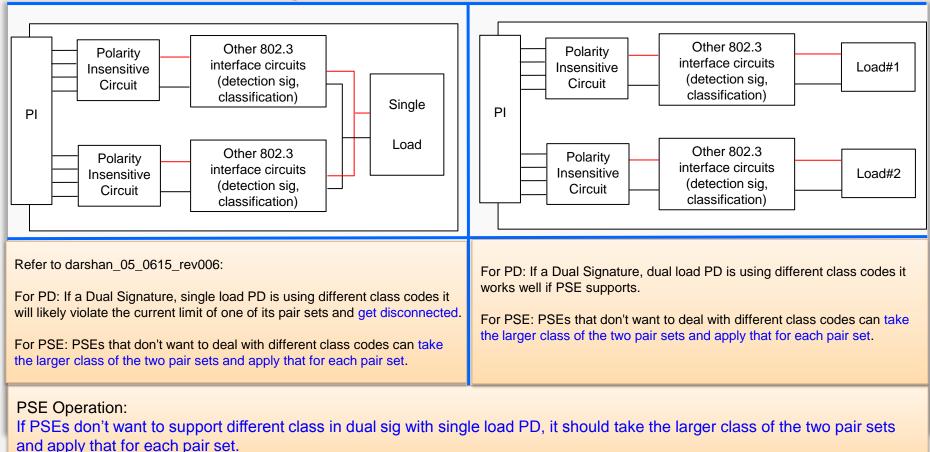
Possible architectures



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Different class in Dual signature PD





• Option I:

Without distinguishing single/dual load, PSE shall take the larger class of the two pair sets and apply that for each pair set if it wants to support dual signature PD.

• Option II:

With distinguishing single/dual load information, PSE can work separately on each pair-set with dual load if it wants.

• Option III:

Dual signature PD shall have dual loads. Then Connection check can be used to distinguish load as well.

• Option IV:

Single load dual-signature PD is required to use the same class signature on each pair-set.



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Thank you!



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