PSE Polarity
Baseline v320

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Change the Table 33-2 in section 33.2.3

Conductor	Alternative A (MDI)	Alternative A (MDI-X)	Alternative B	Alternative B (X)
1	Positive V_{PSE}	Negative V_{PSE}		
2	Positive V_{PSE}	Negative V_{PSE}		
3	Negative V_{PSE}	Positive V_{PSE}		
4			Positive V_{PSE}	Negative V_{PSE}
5			Positive V_{PSE}	Negative V_{PSE}
6	Negative V_{PSE}	Positive V_{PSE}		
7			Negative V_{PSE}	Positive V_{PSE}
8			Negative V_{PSE}	Positive V_{PSE}

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Add new table to 33.2.3

Table 33-X – Permitted pinout alternatives per type

PSE Type	Alternative A (MDI)	Alternative A (MDI-X)	Alternative B	Alternative B (X)
Type 1,2	Yes	Yes	Yes	No
Type 3	Yes	Yes	Yes	Yes
Type 4	No	Yes	Yes	No

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Change the following in section 33.2.3

PSEs that use automatically-configuring MDI/MDI-X ("Auto MDI-X") ports may choose either polarity choice associated with Alternative A configurations.

To read:

PSEs may choose the polarity choices associated with Alternative A or Alternative B listed in Table 33-X corresponding with their Type.

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Change the following in section 33.2.3

A PSE shall implement Alternative A, Alternative B, or both.

To read:

Type 1, Type 2 or Type 3 PSEs shall implement Alternative A, Alternative B, or both.
Type 4 PSEs shall implement Alternative A and Alternative B.