D1.6

12	Output current per pairset – at short circuit condition, as function of the Class assigned to the PD						
	All Classes	I_{LIM-2P}	A	0.400	See info	1	See 33.2.8.7. Max value defined by Figure 33–27, Figure 33–28 and Figure 33–29.
	All Classes			0.684		2	
	Class 0–4			0.684[2]		3, 4	
	Class 5			0.562		3, 4	
	Class 6			0.702		3, 4	
	Class 7			0.829		4	
	Class 8			0.990		4	

Change proposed

Item	Parameter	Symbol	Unit	Min	Max	PSE Type	Additional information
12	~~All~~ Classes 0-3	ILIM-2P	A	0.400[5]		~~1~~ All	
	~~All~~ Classes ~~4~~			0.684		2, 3, 4	
	Class 0-4			0.684[2, 5]		2, 3, 4	

5 Type 2, 3, and 4 PSEs may use class 4 ILIM-2P current values for classes 0 – 4.

========== page 61, 62 Type 1, 2 PSE

set_parameter_type

This function is used by a Type 2 PSE to evaluate the Type of PD connected to the link based on Physical Layer classification or Data Link Layer classification results. The PSE's PI electrical requirements defined in Table 33–17 are set to values corresponding to either a Type 1 or Type 2 PSE. This function returns the following variable:

parameter_type: A variable used by a Type 2 PSE to pick between Type 1 and Type 2 PI electrical requirement parameter values defined in Table 33–17.

Values:
1: Type 1 PSE parameter values (default)
2: Type 2 PSE parameter values

When a Type 2 PSE powers a Type 2 PD, the PSE may choose to assign a value of '1' to parameter_type if mutual identification is not complete (see 33.2.7) and shall assign a value of '2' to parameter_type if mutual identification is complete.

When a Type 2 PSE powers a Type 1 PD, the PSE shall meet the PI electrical requirements of a Type 1 PSE, but may choose to meet the electrical requirements of a Type 2 PSE for I_{Con}, I_{LIM}, T_{LIM}, and P_{Type} (see Table 33–17).

==== p77, Type 3 & 4 PSE original text

parameter_type: A variable used by a PSE to pick between Type 1, Type 2, Type 3 and Type 4 PI electrical requirement parameter values defined in Table 33–17.

Values:
1: Type 1 PSE parameter values (default)
2: Type 2 PSE parameter values
3: Type 3 PSE parameter values
4: Type 4 PSE parameter values