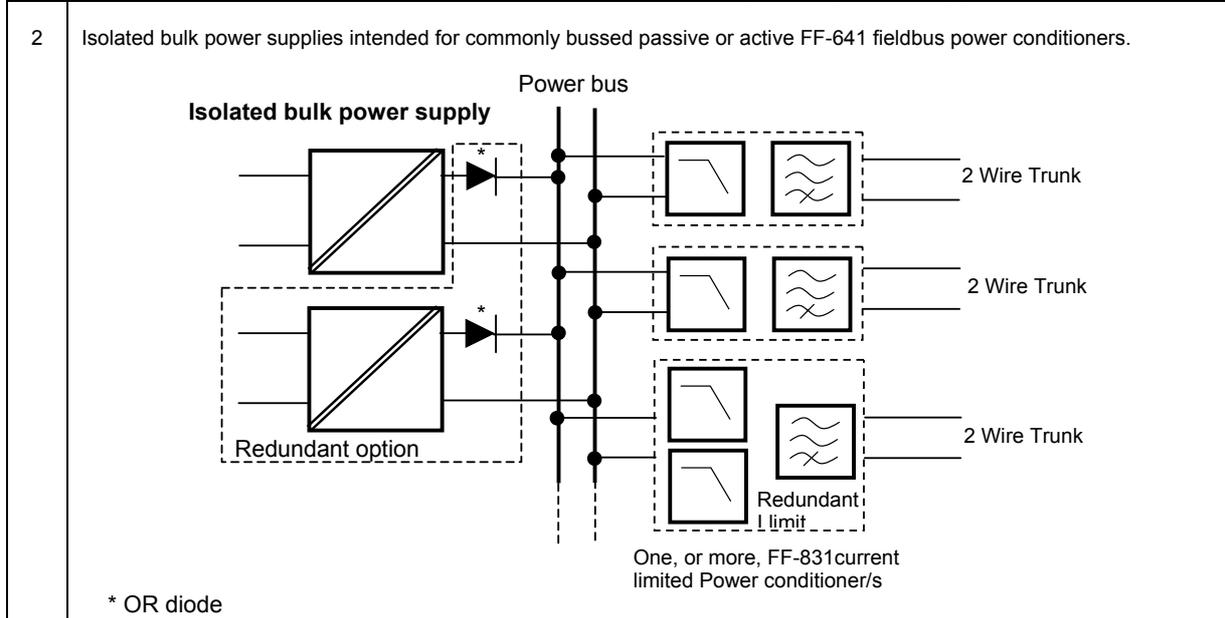


1	<b>FIELDBUS ISOLATED BULK POWER SUPPLY SPECIFICATION</b>	<b>FF-831</b> Auxiliary fieldbus equipment
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3	Attribute	Value	Units	Tol.	Note
4	Output voltage	14.7-32	V	max	
5	Load regulation	5	%	max	
6	Line regulation	5	%	max	
7	Bulk power supply current limit ( <i>each</i> )	N/A	A	N/A	
8	Nominal current per power conditioner	1.0	A	max	4
9	Peak current per power conditioner	1.7	A	max	4
10					
11	Attribute	Level mV p-p	Frequency	Tol.	Note
12	Noise/ripple 50 Hz to 300 kHz	200mV		Max	1
13	Ripple	650mV	50 Hz to 120 Hz	Max	3
14	Common mode noise and ripple	4 V rms	63 Hz to 2MHz	Max	2
15	Primary/secondary isolation	IEC61131-2 Table 17 or equivalent			5
16	Fitted with integral 'OR' diode	NOT REQUIRED			
17					

18	<b>NOTES</b>	<b>CAUTION</b>
19	<i>The remaining specification as per manufacturers standard.</i> 1 For switching power supplies. 2 Sine wave noise and ripple. 3 For linear 50/60 Hz power supplies. 4 Each power conditioner. <b>5 DO NOT GROUND OR EARTH THE BULK POWER SUPPLY OUTPUTS</b>	If undetected, two simultaneous faults comprising one pole on one trunk to ground, and one pole on a second trunk to ground, may cause both trunks (or segments) to fail. All remaining segments will not be affected.

<b>Pepperl+Fuchs GmbH, Mannheim Germany</b>	<b>SPECIFICATION FORMULATED SPECIFICALLY FOR POWER CONDITIONER MODEL: KLD2-PC-1.1.IEC</b>
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