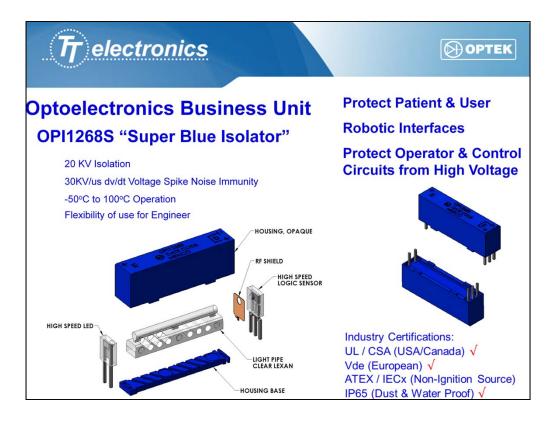
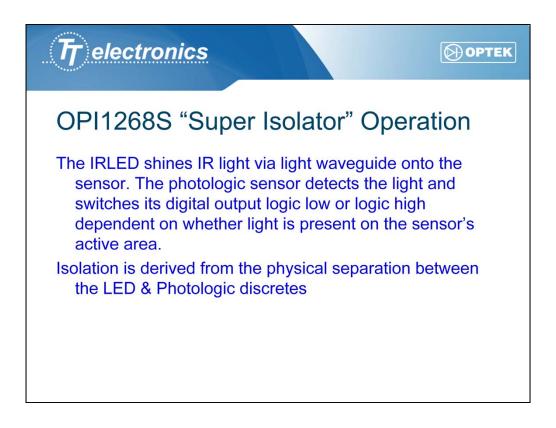


Introducing TT electronics Optoelectronics Business Unit (OPTEK Technology) OPI1268S "Super Blue" Optoisolator



Optical Isolators are used to separate low voltage control circuits from high voltage "work" circuits. OPTEK's OPI1268S Super Blue Isolator offers 20KV isolation, 30KV/µs Voltage Spike Immunity, and has the broadest cross continent industry certifications of any manufacturer.



The operation basics of optoisolators



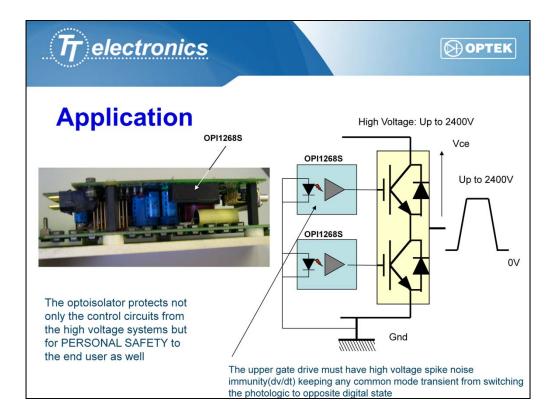
TT electronics' Optoelectronic Business Unit developed the OPI1268S listening to the "Voice of the Customer". As a result, the OPI1268S is a truly "Universal" optoelectronic isolator giving engineers one part usage for a variety of isolation applications.



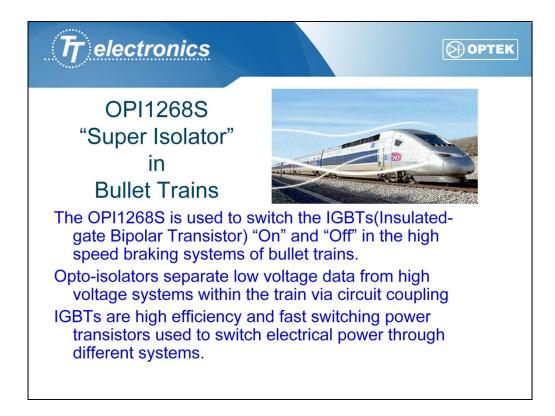
Industry certifications include UL/CSA and Vde with ATEX/IECx certification pending. The OPI1268S is water and dust proof to an IP65 rating. No other manufacturer carries all of these certifications. The Optoelectronics Business Unit conducts internal certifications for voltage spike immunity, robustness, operating temperature and isolation to insure the highest quality and performance.

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Cross	s Ref	erer	nce						
		Isolation Operation Temp (°C)			dv/dt	Certifications			
		(KV)	min	max	KV/us	UL/CSA	Vde	ATEX	IP65
Optek	OPI1268S	20	-50	100	30	x	x	x	x
Bedford Opto	OPI2000M	10	-25	100		x		х	
Micropac	66320	15	-40	100		x			
Fairchild	Dip pkg	5	-40	100	35	x			
Avago	Dip pkg	7.5	-40	105	20	x			
	Dip pkg	5	-40	100	10	x	x		

Our competitors. Note that OPTEK offers the highest isolation, broadest temperature range and most certifications.



An optoisolator is used in any application that requires isolation between a low voltage control circuit and a high voltage work circuit.



An example of an OPI1268S application.