

**STATUS FOR THE DETECTION AND MEASUREMENT OF COMBUSTIBLE GASES, TOXIC GASES OR OXYGEN EN50270:2006 FO**

<b>EMISSIONS EN50270: 2006 / EN61000-6-4 : 2007</b>					
	<b>Port</b>	<b>Frequency Range</b>	<b>Limits</b>		<b>Basic S</b>
	Enclosure	30 MHz— 230 MHz 230 MHz— 1 GHz	40 dBuV/m ( 10m Measurement distance ) 47 dBuV/m		CISPR 11 & C Note: for F<9k ments up to 23 only be perform
	Telecommunica- tions / network ports	0.15 MHz - 0.5 MHz 0.5 MHz - 30 MHz	53 - 43 dBuA QP 43 dBuA QP	40 - 30 dBuA Av 30 dBuA Av	
	Telecommunica- tions / network ports	0.15 MHz - 0.5 MHz 0.5 MHz - 30 MHz	97 - 87 dBuV QP 87 dBuV QP	84 - 74 dBuV Av 74 dBuV Av (ISN)	
	AC Mains Power Ports	0.15 MHz— 0.5 MHz 0.5 MHz— 5 MHz 5 MHz— 30 MHz	79 dBuV QP / 66 dBuV Average 73 dBuV QP / 60 dBuV Average 73 dBuV QP / 60 dBuV Average		Note: Impulse may apply (p10
ics		0 - 2 kHz	EN61000-3-2		
			EN61000-3-3		
t			EN61000-3-3		

<b>IMMUNITY EN50270: 2006</b>			
<b>Port</b>	<b>Phenomenon</b>	<b>Basic Standard</b>	<b>Test Value</b>
Enclosure	Electrostatic discharge (ESD) EM Radiated Field	EN61000-4-2 EN61000-4-3	4 kV / 8 kV contact / air 80 MHz - 1 GHz 1 kHz AM 10V/m 1.4 - 2.0 GHz 3V/m 1 kHz
	Magnetic Field	EN61000-4-11	30 A/m
Power	Burst Surge	EN61000-4-4 EN61000-4-5	2.0 kV 2.0 kV Line to Earth 1.0 kV Line to Line
	Conducted RF	EN61000-4-6	10 V rms 1 kHz 80% AM modulation
	Voltage Dips	EN61000-4-11	30% for 500 ms, 60% for 200 ms
	Voltage Interruptions	EN61000-4-11	100% for 20ms 100% for 5 s
Power	Burst Surge	EN61000-4-4 EN61000-4-5	2.0 kV ( ports > 3m refer to conditions) 0.5 kV Line to Earth ( refer to conditions) 0.5 kV Line to Line
	Conducted RF	EN61000-4-6	10 V rms 1 kHz 80% AM modulation
	Burst Surge Conducted RF	EN61000-4-4 EN61000-4-5 EN61000-4-6	1.0 kV ( ports > 3m) - Capacitive Clamp 1 kV Line to Earth ( ports > 30m) 10 V rms 1 kHz 80% AM modulation

atus intended for use in industrial environments, as described in EN61000-6-2 and EN61000-6-4