

## AUTOMOTIVE DIRECTIVE—ESA— 2004/104/EC

EMISSIONS    EN 55025 : 2003				
	Port	Frequency Range	Limits	Basic Standard
Conducted emissions	DC Power ports	0.15 MHz - 108 MHz	Table 6 and 7 page 31 (Voltage method) Table 8 and 9 page 34 (Current method)	
Radiated emissions	Enclosure + cables	30 MHz - 1000 MHz	APPENDIX 6 & 7	

IMMUNITY					
Item	Port	Phenomenon	Basic Standard	Test Value	Notes
1	Enclosure	EM Radiated Field		20 - 800 MHz AM 1kHz  800 - 2000 MHz PM t on 577 uS, period 4600us	
2	Cables	BCI			
3	Power Supply	Emissions of Transients	ISO 7637-2 : 2002		
4	Power Supply	Immunity to Transients	ISO 7637-2 : 2002		
Applicable standards : CISPR 12 and 25 and ISO standards for immunity tests (ISO 7637, 11451 and 11452)					