

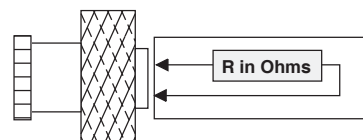
SPECIFICATIONS

MIL-STD-1553B (STANAG 3838)

PID (CNES)

AMB / S - R - or AMB / S - D

CONNECTOR REFERENCE TO BE DEFINED
ACCORDING TO YOUR NEEDS



Electrical characteristics

PARAMETERS	ACTUAL
Impedance	
- AMB / S-D = bus terminator	77 Ω
- AMB / S-R = stub impedance	3k Ω or value to be specified
Insulation resistance between shield and conductors	> 1 000 M Ω minimum at 500 V _{dc}
Dielectric strength between shield and conductors	500 V _{RMS}
Shield connection resistance	Function of connector type

Mechanical and environmental characteristics

PARAMETERS	ACTUAL
Operating temperature	-65°C to +150°C (*)
Weight	according to connector type
Robust, light, compact construction (maximum reduction of space requirement)	
MTBF available following MIL-HDBK 217 (environment and operating temperature to be specified)	

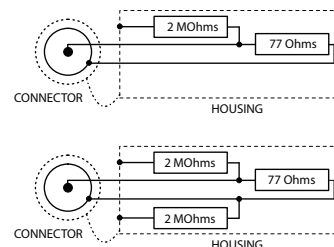
(*) Depends on the connector type.

To match the bus line (AMB / S -D) or to load a stub line by high impedance value, the type of connector must be specified)

ESD protection

on request when possible.
A protective passive resistance can be added to evacuate Electrical Static Discharge.

77 Ω TERMINATOR WITH ESD PROTECTION



Identification code

AMB /

S

X

CONNECTOR IDENTIFICATION

AXON' MICROBUS
connector series
to be specified.

S: SPACE VERSION

R: DISMOUNTABLE STUB IMPEDANCE
3 k Ω or value to be specified.
D: DISMOUNTABLE BUS TERMINATOR
77 Ω .

Specified on request.