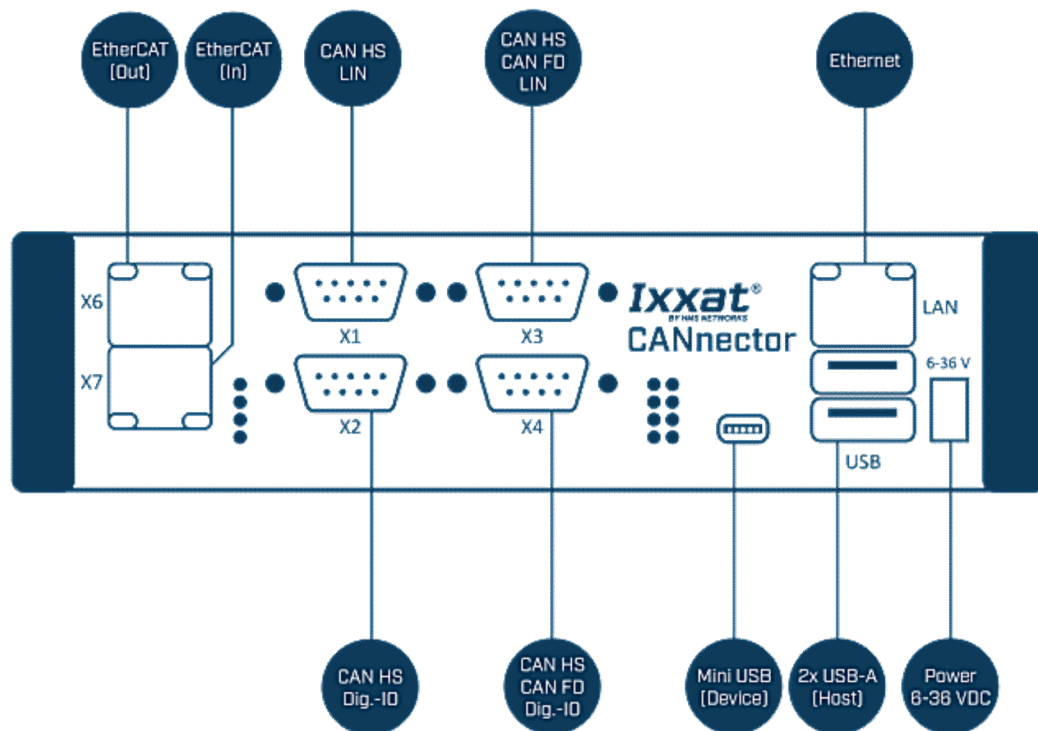# CANnector SE

The Ixxat CANnector SE is a powerful platform, ideally suited for e-mobility and automotive applications by merging multiple bus systems into a single device. It features two LIN and up to six CAN channels, two of which are CAN FD capable, including Industrial Ethernet support – easily configurable with the Ixxat Advanced Configuration Tool (ACT).

Specifications

Net Width (mm)	113 mm
Net Height (mm)	196mm
Net Depth (mm)	43 mm
Net Weight (g)	1150g
Mounting	DIN rail mount (bracket included)
Current Consumption Type Value at Vcc Nom (mA)	420 mA (12 V DC)
Input Voltage (V)	6 V to 36 V DC
Power Connector	3-pole
Isolation	The CANnector features four interface islands (X1, X2, X3, X4), each galvanically isolated from the others with up to 2 kV DC. Within each island, interfaces for CAN FD, CAN high-speed, digital I/O, and LIN are interconnected. The shielding of the cable and/or the metal collar of a D-Sub connector is directly connected to the housing.
Isolation Voltage (kV)	2 kV DC for 1 sec. kV
Operating Temperature °C Min	-40 °C
Operating Temperature °C Max	80 °C
Storage Temperature °C Min	-40 °C
Storage Temperature °C Max	85 °C