

ABB i-bus® KNX

System Infrastructure and Interfacing

- = Function is supported
- = Function is not supported

	IP Router IPR/S 3.1.1		IP Router Secure IPR/S 3.5.1	IP Interface IPS/S 3.1.1		IP Interface Secure IPS/S 3.5.1	Line Coupler LK/S 4.2	
General								
Auxiliary voltage	10...30 V DC or PoE IEEE 802.3af class 1		10...30 V DC or PoE IEEE 802.3af class 1	10...30 V DC or PoE IEEE 802.3af class 1		10...30 V DC or PoE IEEE 802.3af class 1	-	
Type of installation	DIN-Rail		DIN-Rail	DIN-Rail		DIN-Rail	DIN-Rail	
Application	IP Router/ 1.1	IP Router/ 2.0	IP Router Secure/ 1.0	IP Inter- face/ 1.1	IP Inter- face/ 2.0	IP Interface Secure/ 1.0	Couple/1.1 or Repeat/1.1	Couple Repeat/2.1
ETS	ETS 3	ETS 4/5	ETS 5	ETS 3	ETS 4/5	ETS 5	ETS 3	ETS 4/5
Software functions								
KNX Secure	-	-	■	-	-	■	-	-
Number of tunneling servers	1	5	5	1	5	5	-	-
Number of unicast connections	10	10	10	-	-	-	-	-
Monitoring of bus voltage failure	■	■	■	-	-	-	-	-
Filter Group telegrams main group 0...13	■	■	■	-	-	-	■	■
Filter Group telegrams main group 14...31	-	■ (ETS 4.1.7 or higher)	■	-	-	-	-	■
Function Repeater	-	-	-	-	-	-	■	■
Commissioning and diagnostic functions								
Control and diagnosis via ABB i-bus® Tool	■	■	■	■	■	■	■	■
Firmware update (ABB i-bus® Tool or ETS App)	■	■	■	■	■	■	-	-
Unicast parameterization (ABB i-bus® Tool)	■	■	■	-	-	-	-	-