

ABB i-bus® KNX

System Infrastructure and Interfacing

■ = Function is supported
 – = Function is not supported

1) Function Repeater available with Application "Couple repeat/2.1"

	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		Line Coupler Secure LK/S 4.3
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		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	Line/Area/ Segment Coupler Secure/1.0
ETS	ETS 3	ETS 4/5	ETS 5	ETS 3	ETS 4/5	ETS 5	ETS 3	ETS 4/5	ETS 5/6
Software functions									
KNX Secure	–	–	■	–	–	■	–	–	■
Secure Proxy	–	–	–	–	–	–	–	–	■
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	–	–	–	–	–	–	■	■	■ ¹⁾
Segment Coupler	–	–	–	–	–	–	–	–	■
Commis- sioning and diagnostic functions									
Control and diagnosis via ABB i-bus® Tool	■	■	■	■	■	■	■	■	–
Firmware update (ABB i-bus® Tool or ETS App)	■	■	■	■	■	■	–	–	■
Unicast parameter- ization (ABB i-bus® Tool)	■	■	■	–	–	–	–	–	–