

# ABB i-bus® KNX

## Power Supply

- = Function is supported
- = Function is not supported

	Standard			Diagnostic		Uninter- ruptible SU/S 30.640.1
	SV/S 30.160.1.1	SV/S 30.320.1.1	SV/S 30.640.3.1	SV/S 30.320.2.1	SV/S 30.640.5.1	
<b>General</b>						
Supply voltage	100 – 240 V AC (85...265 V AC)	100 – 240 V AC (85...265 V AC)	100 – 240 V AC (85...265 V AC)	100 – 240 V AC (85...265 V AC)	100 – 240 V AC (85...265 V AC)	230 V AC (210...240 V AC)
Type of installation	MDRC	MDRC	MDRC	MDRC	MDRC	MDRC
Module width (18 mm)	4	4	4	4	4	8
Rated current I <sub>n</sub>	160 mA	320 mA	640 mA	320 mA	640 mA	640 mA
Rated voltage U <sub>n</sub>	30 V DC	30 V DC	30 V DC	30 V DC	30 V DC	30 V DC
<b>Back-up</b>						
Mains failure back-up time without battery	200 ms	200 ms	200 ms	200 ms	200 ms	200 ms
Mains failure back-up time with new, fully charged battery up to	-	-	-	-	-	AM/S: 10 min SAK7: 2.5 h 2 x SAK7: 5 h 2 x SAK12: 11 h 2 x SAK7: 16 h
<b>Choke</b>						
Integrated choke	■	■	■	■	■	■
Extra Voltage output without choke (30 V DC)	-	-	■	-	■	-
<b>Operation and indication</b>						
Short-circuit and overload indication	■	■	■	■	■	■
Output voltage indication	■	■	■	■	■	■
Overload indication	■	■	■	■	■	■
Bus current indication	-	-	-	■	■	-
Telegram traffic indication	-	-	-	■	■	-
Communication error indication	-	-	-	■	■	-
Bus reset button and indication	-	-	-	■	■	-
Mains voltage indication	■	■	■	■	■	■
Battery voltage indication	-	-	-	-	-	■
<b>Reporting</b>						
Floating contact for fault reporting	-	-	-	-	-	■
<b>Commissioning and diagnostic functions</b>						
Control and diagnosis via ABB i-bus® Tool	-	-	-	■	■	-