

**ABB i-bus® KNX****Heating, Ventilation and Air Conditioning –  
Heating/Cooling Circuit Controllers**

■ = Function is supported  
- = Function is not supported

	Heating/Cooling Circuit Controller HCC/S 2.1.x.1	Heating/Cooling Circuit Controller HCC/S 2.2.x.1
<b>General</b>		
Supply voltage	KNX	KNX
Type of installation	MDRC	MDRC
Module width (17.5 mm)	8	8
Number of channels	2	2
<b>Outputs</b>		
3- way mixing valve control type	0 ... 10 V DC	3 – Point
Valve outputs per channel	1	1
Pump control output per channel	1 (5 A)	1 (5 A)
<b>Inputs</b>		
Input for flow temperature measurement per channel	1	1
Input for return flow temperature measurement per channel	1	1
Inputs for pump status monitoring (pump status, pump failure, pump repair mode) per channel	3	3
<b>Manual operation</b>		
Manual operation	HCC/S 2.1.2.1	HCC/S 2.2.2.1
<b>Software functionality</b>		
Integrated temperature controller for heating or cooling distribution circuits	■	■
Forced operation	■	■
Cyclical monitoring of input values	■	■
Flow temperature limitation	■	■
Safety shutdown temperature	■	■
Manual valve overwrite	■	■
Valve purge	■	■
Manual pump overwrite	■	■
Pump control in dependence of control value	■	■
Channel bundling for double pump systems	■	■