

## Uponor X-265 Smatrix Pulse Controller User Guide

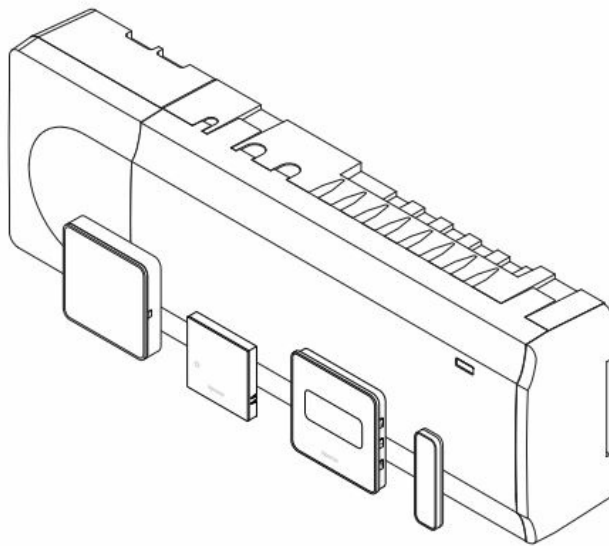
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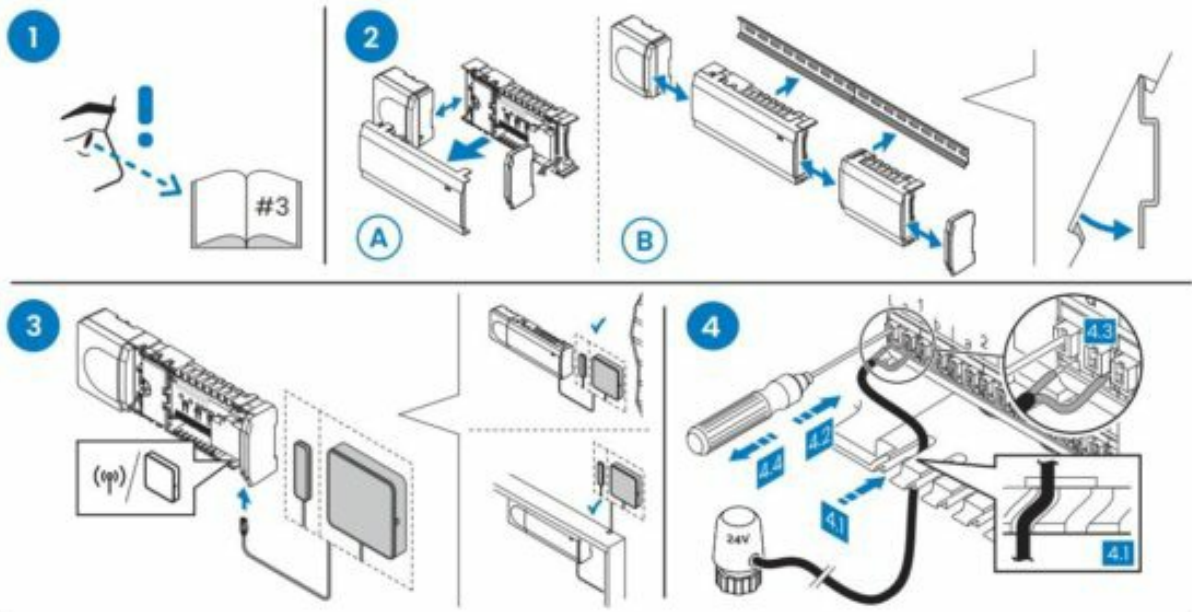
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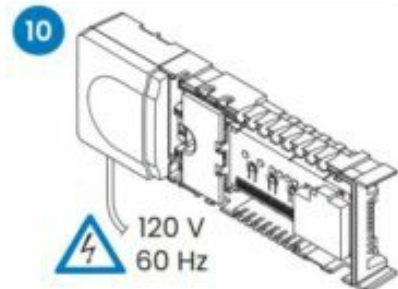
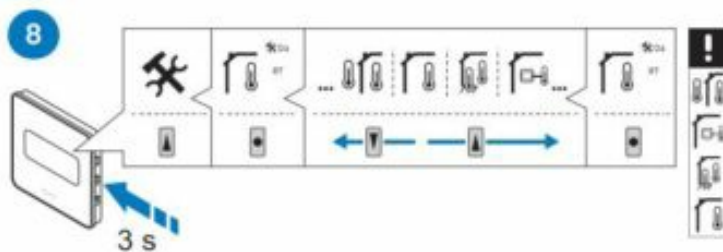
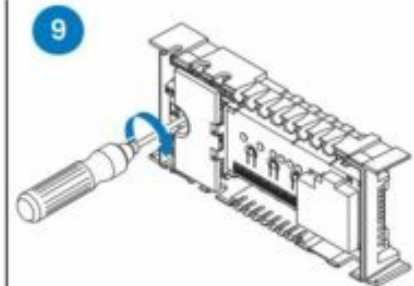
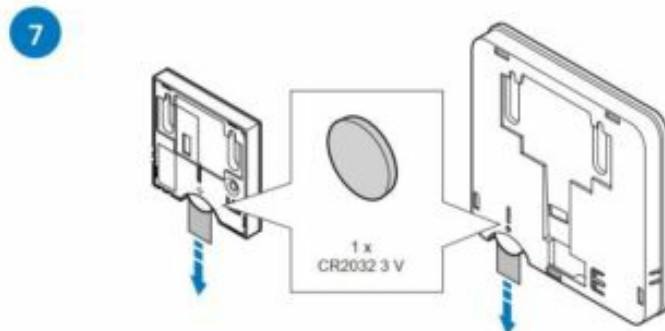
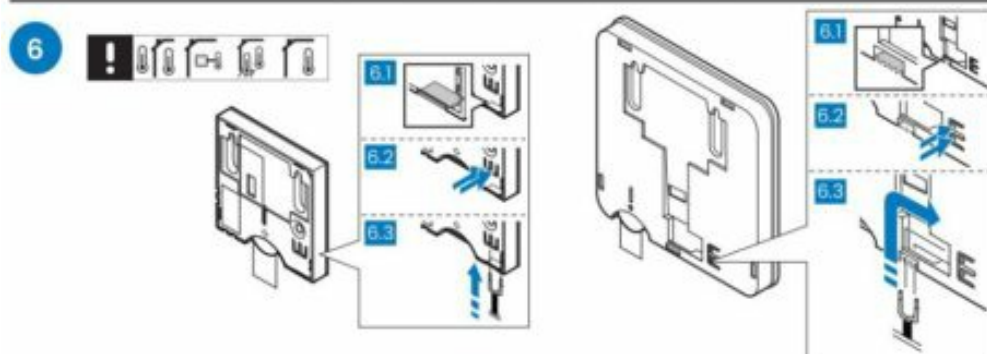
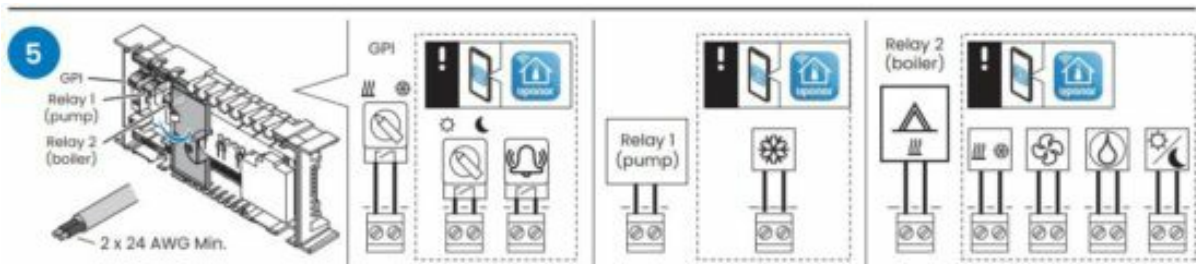
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Uponor X-265 Smatrix Pulse Controller User Guide

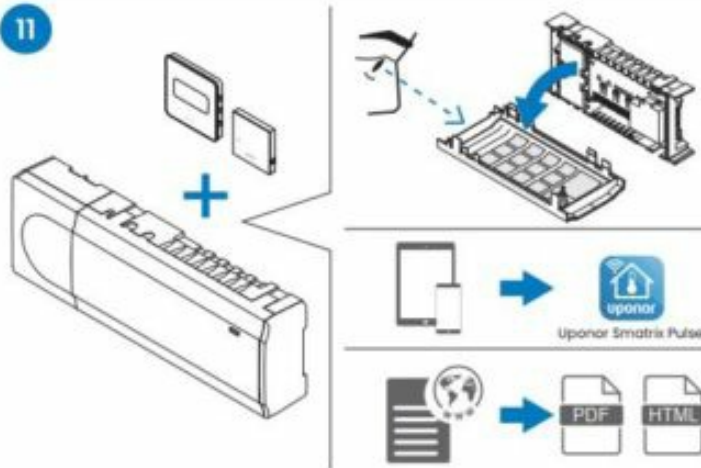


Part no. A380265C includes Communication Module (R-208)  
 Part no. A380265A includes Antenna (A-265)

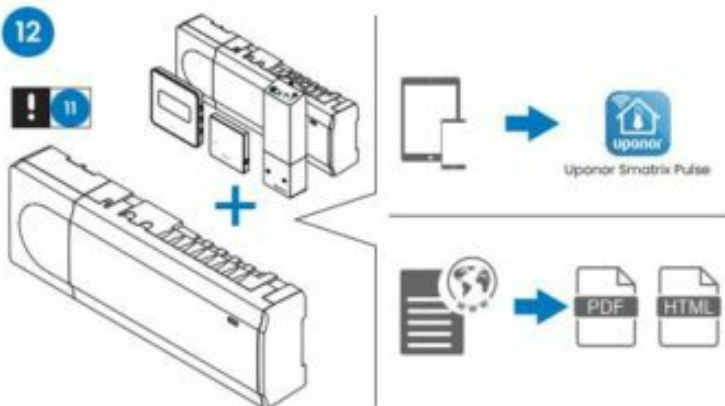




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Uponor Smatrix Pulse



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## Technical Data








FCC ID: V9MSMATR1





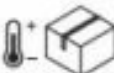
IC: 7664A-SMATR1



	IP20		T45		70 °C 160 °F ... -20 °C -5 °F	 : ERP VIII
						 : ERP IV

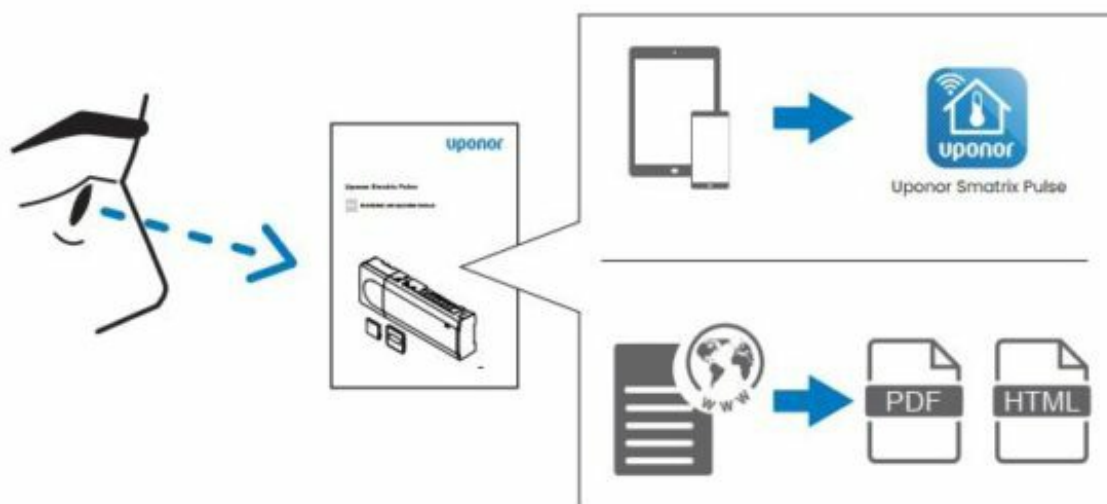
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	IP20		T50		70 °C 160 °F ... -20 °C -5 °F	ERP IV
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	IP20		T45		70 °C 160 °F ... -20 °C -5 °F	ERP IV
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802.11 b/g/n @ 2.4Ghz,WPA &amp; WPA2

	IP20		T45		70 °C 160 °F ... -20 °C -5 °F	
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## Safety Instructions

This quick guide serves as a reminder for experienced installers. Uponor strongly recommends reading the complete Smatrix Pulse Manual before installing the control system.

	<b>Warning!</b> The Uponor system uses 120 V, 60 Hz AC power. In case of emergency, immediately disconnect the power.
	<b>Warning!</b> Electrical installation and service behind secured 120 V AC covers must be carried out under the supervision of a qualified electrician.
	<b>Warning!</b> The transformer module is heavy and might detach if the controller is held upside down without the cover on.
	<b>Warning!</b> The Smatrix Pulse system uses CR2032 coin-cell batteries. KEEP OUT OF REACH OF CHILDREN.
	<b>Caution!</b> To avoid RF / WIFI interference, keep installation/ data cables away from power cables of more than 60 V.



	<p><b>Caution!</b></p> <p>If RF / WIFI communication difficulties exist, Uponor recommends relocating the antenna to a more optimal position. Do not install Uponor radio sources closer than <b>16" / 41 cm</b> from each other to avoid interference.</p>
	<p><b>Caution!</b></p> <p>Ensure that each actuator is connected to the correct channel so that the thermostats are controlling the correct loops.</p> <p>Connect only one actuator for each channel. Channels 01 and 02 have double outputs (a and b) for two actuators.</p>
	<p><b>Caution!</b></p> <p>If more than one controller is available in the system, register the thermostat as a system device to the master controller.</p>
	<p><b>Caution!</b></p> <p>The switches in the public thermostat must be set before registering the thermostat.</p>
	<p><b>Caution!</b></p> <p>The switches in the public thermostat must be set to one of the available functions, otherwise it cannot be registered.</p>
	<p><b>Note</b></p> <p>Registration of at least one thermostat must be completed before registering a system device.</p>

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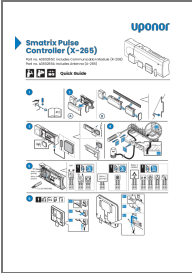
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References

- [PEX Products for Residential & Commercial Applications | Uponor](#)