SIEMENS

Climatix RT
RTU Controller   POL648.10/RTU

Pre-installation steps

1. Download the Climatix Mobile App to be used for setup and commissioning.
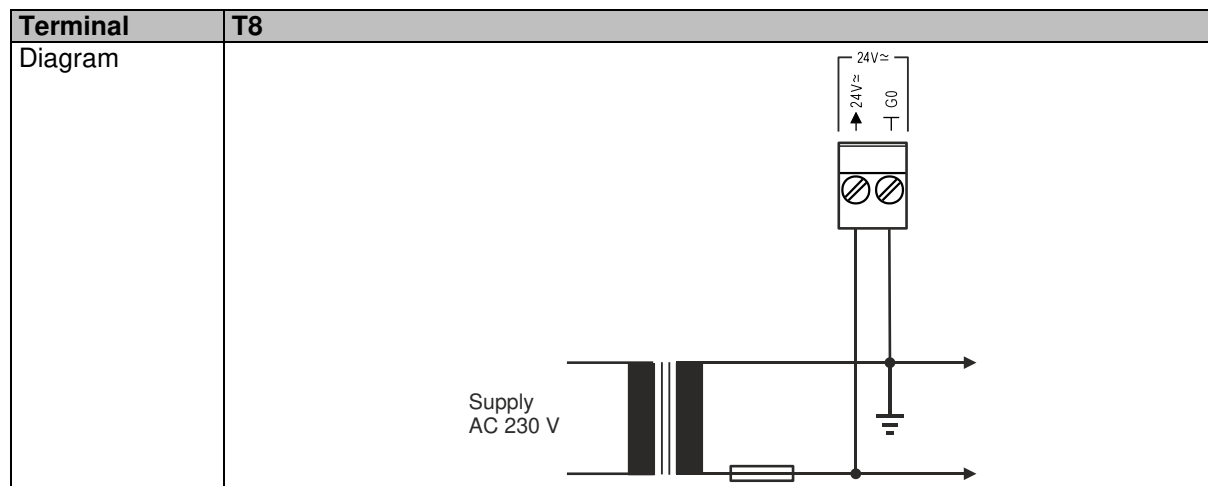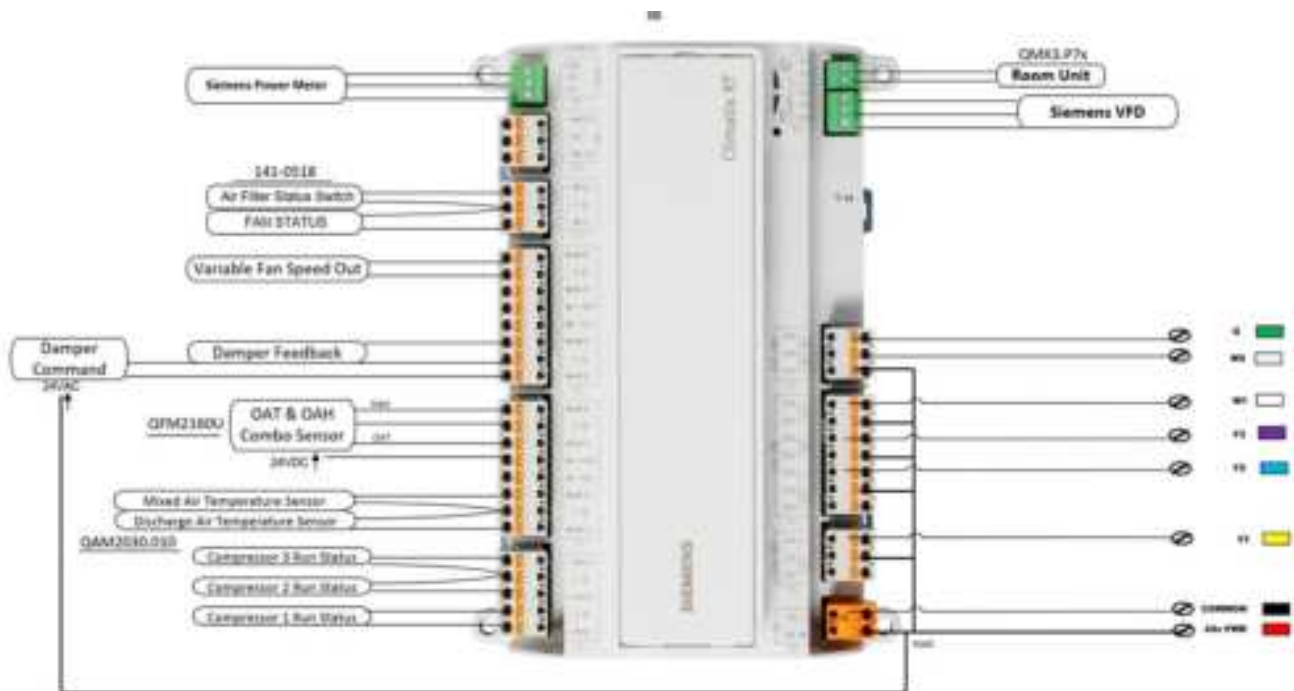
iOS:

Android:

2. Ensure you have a Siemens WLAN stick for connectivity from the controller to the Climatix Mobile App,

Document ID	Title	Description	QR Code
A6V12001603	*Climatix RT Rooftop Unit Controller* Data Sheet	Functions, use, technical data, terminal concept, and dimensions for the POL648.10/RTU controller	
A6V12250551	*Climatix RT RTU Controller POL648.10/RTU* Installation Instructions	Mounting and wiring the Climatix controller	
A5W00153010	*Climatix RT RTU Controller POL648.10/RTU* Quick Start Guide	Pre-assigned I/O terminations for Climatix RT	
A6V12053407	*Remote Monitoring and Intelligent Diagnostics for Roof Top Unit Controllers* Start Up	Startup document for Climatix RTU solution and Climatix IC setup	
A6V101099058_en	Climatix: Technical Limits	Technical limits of controller devices and integration	

Power supply

Terminal	T8
Diagram	24V∼ / 24V∼ / G0 / Supply AC 230 V

Auxiliary Inputs

X9	Compressor 1 Run Status
X10	Compressor 2 Run Status
X11	Compressor 3 Run Status

Auxiliary Outputs

X1	Discharge Air Temperature Sensor
X2	Mixed Air Temperature Sensor
X3	Outside Air Temperature Sensor
X4	Outside Air Humidity Sensor
X5	Damper Command
X6	Damper Feedback
X7	Not assigned
X8	Not assigned

Digital Inputs

DI1	Traditional Fan Speed Feedback
DI2	Clog Filter Switch Status
DI3	Not assigned
DI4	Not assigned

Digital Outputs

DO1	Compressor 1 Run Enable
DO2	Compressor 2 Run Enable
DO3	Compressor 3 Run Enable
DO4	Heater Stage 1 Enable
DO5	Heater Stage 1 Enable
DO6	Traditional Fan Speed DO