

PL-Link Semi-Flush Mount Room Sensor Kits for Use with Siemens DXR Controllers



Description

Siemens Semi-Flush Mount Room Sensors are engineered to enable accurate and efficient control of room comfort. The low-profile housing design seamlessly blends into any décor and features strategically placed ventilation slots to maximize airflow and optimize accuracy.

Semi-Flush Mount Sensors are sold as kits consisting of a base module, front module and trim frame.

Kit Number	Measured Values
QAA2570.2532	Temperature
QFA2570.2535	Temperature + Humidity
QPA2576.2535	Temperature + Humidity + CO ₂

The base modules, front modules, and frames can also be purchased individually for service parts.

Sensors are designed for flush mounting in a standard 2" x 4" vertical electrical box.

In addition to measuring and transmitting room climate data to the controller, the semi-flush mount PL-Link sensors can also accept binary (on/off) and temperature (10 K ohm Type 2 Thermistor) inputs from auxiliary devices for transmission to the Desigo® building automation system.

NOTE: QPA Series Sensors are designed to measure air quality in comfort applications, and are not intended for use in life safety applications.

Specifications

Temperature	
Measuring Range	32°F to 122°F (0°C to 50°C)
Accuracy	± 0.45°F (± 0.25°C)
Humidity	
Measuring Range	0 to 100% rh
Accuracy	± 3% between 20% to 80% ± 5% < 20%; > 80%
CO ₂	
Measuring Range	0 to 5000 ppm
Accuracy*	< 2K ppm: ± (50 ppm +2% M.V.) > 2K ppm: ± (50 ppm +3% M.V.)
Long-term Drift	< ± 20 ppm/yr.
Input Power	15 to 35 Vdc or 24 Vac ± 20%
VA Rating	1.5 VA, max.
Relay Output Rating	0.5A @ 30Vac/dc max.
Color	White
Dimensions	4.75" H x 3.125" W x 0.625" D (120 mm x 80 mm x 16 mm)
Shipping Dimensions	12" x 6" x 6" (305 mm x 153 mm x 153 mm)
Shipping Weight	12 oz. (340 g)

* Peak accuracy attained within 96 hours of initial power up.

Product Ordering Information

Description	Part Number
Temperature Sensor Complete Kit	QAA2570.2532
Temperature + RH Sensor Complete Kit	QFA2570.2535
Temperature + RH + CO ₂ Sensor Complete Kit	QPA2576.2535
Replacement Base Module	AQR2570NJ
Replacement Base Module – CO ₂	AQR2576NJ
Replacement Trim Frame	AQR2510NGW
Replacement Front Module Temperature Only	AQR2532NNW
Replacement Front Module Temperature + RH	AQR2535NNW

Information in this publication is based on current specifications. The company reserves the right to make changes in specifications and models as design improvements are introduced. Desigo® and Desigo® CC™ are registered trademarks of Siemens Schweiz AG. Other products or company names mentioned herein may be the trademarks of their respective owners.

© 2016 Siemens Industry, Inc.