

PRODUCT DISCONTINUATION

Building Automation Systems and Controls

May 22, 2026

Discontinuation of System 450 Modular Electronic Controls

LIT-12001588

• **Building Solutions:**
APAC, EU, LATAM, MEA, NA

• **IDC**

• **OEMs**

Overview

Johnson Controls® will discontinue the PENN® System 450 line of modular electronic controls. You can replace System 450 assemblies with the System 550 line of modular electronic controls.

Important: System 550 modules are not backwards compatible with System 450 modules. When you replace a System 450 module, you must replace all the modules in the assembly with the required System 550 modules.

Last time buy

Effective immediately until July 31, 2026, customers can place last time buy orders for all currently active System 450 part numbers. Last time buy orders must have a requested ship date of October 23, 2026 or earlier. For a complete list of orderable part numbers, see [Table 1](#) and [Table 2](#). After July 31, 2026, Johnson Controls will no longer accept purchase orders for System 450 products. Johnson Controls continues to honor the warranty for System 450 series controls.

Product availability

Place your last time buy orders as soon as possible. Product availability is on a first come, first served basis.

Support

For questions and for help with your transition from System 450 controls to System 550 controls, contact your Johnson Controls sales representatives and Johnson Controls internal support teams.

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Last active System 450 products

Table 1: System 450 part numbers

Part number	Description
C450CBN-4C	Control module, 1 relay output
C450CCN-4C	Control module, 2 relay outputs
C450CCU-4C	Evaporator control module, 2 relay outputs
C450CEN-1C	Communications module, ethernet
C450CPN-4C	Control module, 1 analog output
C450CPW-400C	Control module, hybrid analog output
C450CQN-4C	Control module, 2 analog outputs
C450CRN-1C	Communications module, Modbus
C450RBN-3C	Reset control module, 1 relay output
C450RCN-3C	Reset control module, 2 relay outputs
C450SBG-4C	Expansion module, 1 relay output, low voltage
C450SBN-4C	Expansion module, 1 relay output
C450SCG-4C	Expansion module, 2 relay outputs, low voltage
C450SCN-4C	Expansion module, 2 relay outputs
C450SPN-4C	Expansion module, 1 analog output
C450SQN-4C	Expansion module, 2 analog outputs
C450YNN-4C	Power module

To upgrade from a System 450 assembly to a System 550 assembly, replace every module. For replacement information, see the following table. For more information about System 550 controls, refer to the Johnson Controls [Knowledge Exchange](#) portal.

Table 2: System 450 to System 550 cross reference

Discontinued System 450 module		Functional replacement System 550 module	
Part number	Description	Part number	Description
C450CBN-4C	Control module, 1 relay output	C550CCN-001C	Control module, 2 relay outputs
C450CCN-4C	Control module, 2 relay outputs		
C450CCU-4C	Evaporator control module, 2 relay outputs		
C450CEN-1C	Communications module, ethernet	No replacement	
C450CPN-4C	Control module, 1 analog output	C550CQN-001C	Control module, 2 analog outputs
C450CPW-400C	Control module, hybrid analog output		
C450CQN-4C	Control module, 2 analog outputs		

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Discontinued System 450 module		Functional replacement System 550 module	
Part number	Description	Part number	Description
C450CRN-1C	Communications module, Modbus	No replacement	
C450RBN-3C	Reset control module, 1 relay output	C550CCN-001C	Control module, 2 relay outputs
C450RCN-3C	Reset control module, 2 relay outputs		
C450SBG-4C	Expansion module, 1 relay output, low voltage	No replacement	
C450SCG-4C	Expansion module, 2 relay outputs, low voltage	No replacement	
C450SBN-4C	Expansion module, 1 relay output	C550SCN-1C	Expansion module, 2 relay outputs
C450SCN-4C	Expansion module, 2 relay outputs		
C450SPN-4C	Expansion module, 1 analog output	C550SQN-1C	Expansion module, 2 analog outputs
C450SQN-4C	Expansion module, 2 analog outputs		
C450YNN-4C	Power module	C550YNN-1C	Power module

Available documents on Knowledge Exchange - [CLICK HERE](#)

Discontinuation schedule

- **Last orderable date:** July 31, 2026
- **Last shipping date:** October 23, 2026

For further information, contact:

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All specifications and other information shown were current as of document revision and are subject to change without notice.
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