

APTER POWER ENGINEERING REFERENCE

CC-PAIM01

Low-Level Analog Temperature Input Multiplexer

Honeywell CC-PAIM01 is a Series-C low-level analog temperature-input multiplexer for thermocouple and RTD measurements.

Parameter	Technical value
Manufacturer	Honeywell
Product model	CC-PAIM01
Part number	51405045-175
Document	Product Technical Reference
Country	USA
HS code	8537101190

APTER POWER SALES TEAM

Industrial automation product support
sales13@apterpower.com | +86 180 3023 5313
www.apterpower.com

1. Product Identity and System Role

Honeywell CC-PAIM01 is a Series-C low-level analog temperature-input multiplexer for thermocouple and RTD measurements.

System role

- Thermocouple and RTD measurement capability.
- Remote cold-junction support for thermocouple applications.
- Open-thermocouple detection processing.
- PMIO low-level multiplexer FTA integration.

Installation context

CC-PAIM01 uses the documented PMIO LLMUX FTA family so the installed thermocouple, millivolt and RTD point mix can be configured for the Series-C system.

2. Technical Specifications

Parameter	Technical value
Product model	CC-PAIM01
Part number	51405045-175
Input type	Thermocouple and/or RTD
Input channels	64
Input scan rate	1 second
Channel bandwidth	0 to 4.7 Hz
Country	USA
HS code	8537101190

3. Functions, Applications and Components

Core functions

- Thermocouple and RTD measurement capability.
- Remote cold-junction support for thermocouple applications.
- Open-thermocouple detection processing.
- PMIO low-level multiplexer FTA integration.

Industrial application

CC-PAIM01 uses the documented PMIO LLMUX FTA family so the installed thermocouple, millivolt and RTD point mix can be configured for the Series-C system.

Compatible system components

- Use the matched Honeywell system hardware, terminal arrangement and approved configuration documentation for the installed unit.

4. Engineering Precautions and Source

Product precautions

- Confirm the complete model marking and matched system hardware.
- Follow the approved field wiring and terminal identification.
- Verify the configured point or signal function during commissioning.
- Record the functional check before returning the equipment to service.

Manufacturer source

Honeywell Series-C I/O User's Guide

APTER POWER SALES TEAM

INDUSTRIAL AUTOMATION PRODUCT SUPPORT

One verified model, one engineered configuration path.

WHATSAPP / PHONE	+86 180 3023 5313
EMAIL	sales13@apterpower.com
WEBSITE	www.apterpower.com



SCAN FOR PRODUCT & QUOTE

CC-PAIM01

RETURN-TO-SERVICE CHECK

Important Notice: Verify the selected FTA, sensor type, cold-junction arrangement, terminal wiring and configured channel mapping before commissioning.