

1784-PCMK

Allen-Bradley PCMK communication card

It connects a compatible computer to Allen-Bradley industrial networks through the selected 1784-PCM cable assembly.

IDENTITY	VALUE
Manufacturer	Allen-Bradley
Model	1784-PCMK
Product type	Allen-Bradley PCMK communication card
HS code	8537101190
Shipping location	Xiamen, Fujian, China

Product-specific system role

- Uses a PCMCIA Type II host interface
- Supports cable assemblies for DH+, DH-485 and Remote I/O service
- Draws 160 mA from the 5 V card supply
- Requires communication cabling shorter than 10 m

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Technical Specifications

PARAMETER	VERIFIED VALUE
Catalog number	1784-PCMK
Card format	PCMCIA Type II
Card power	160 mA at 5 V DC
Power dissipation	0.8 W
Thermal dissipation	2.73 BTU/h
Operating temperature	0 to 55 degC
Storage temperature	-20 to 65 degC
Vibration	15 g at 10 to 200 Hz
Operating shock	30 g
Non-operating shock	50 g
Maximum communication-cable length	Less than 10 m
PCM2/4/5/6 total cable length	3.16 m
Card-to-pod cable length	17.8 cm
Pod-to-processor cable length	2.8 m
Wiring category	3 on communication ports

Additional verified data

PARAMETER	VERIFIED VALUE
Enclosure	Open style

MODEL-SPECIFIC ENGINEERING NOTE

Stop active communications before ejecting 1784-PCMK, use ESD controls, set cable termination as documented and confirm the selected data rate before going online.

System Function and Engineering Context

- Uses a PCMCIA Type II host interface
- Supports cable assemblies for DH+, DH-485 and Remote I/O service
- Draws 160 mA from the 5 V card supply
- Requires communication cabling shorter than 10 m

Companion components

- Computer with supported PCMCIA services
- 1784-PCM2/4/5/6 cable assembly
- Compatible PLC-5, SLC or ControlLogix interface
- Approved communication software and driver

APPLICATION	SYSTEM ROLE
PLC programming connection	Uses 1784-PCMK in the documented Allen-Bradley PCMCIA industrial communications arrangement.
DH+ network diagnostics	Uses 1784-PCMK in the documented Allen-Bradley PCMCIA industrial communications arrangement.
Remote I/O service access	Uses 1784-PCMK in the documented Allen-Bradley PCMCIA industrial communications arrangement.
Legacy controller commissioning	Uses 1784-PCMK in the documented Allen-Bradley PCMCIA industrial communications arrangement.

Installation and Commissioning Controls

- 1 Verify the complete 1784-PCMK marking and the assigned Allen-Bradley PCMCIA industrial communications position before work.
- 2 Place the connected machine or process in the approved maintenance state before disturbing 1784-PCMK.
- 3 Isolate the applicable power and field energy, then confirm a safe state before disconnecting 1784-PCMK.
- 4 Record connector, conductor, slot and configuration identities before removal of 1784-PCMK.
- 5 Use ESD controls and protect keyed interfaces, exposed contacts and electronic assemblies during handling.
- 6 Confirm that the installed companion hardware and approved project match the 1784-PCMK arrangement.
- 7 Restore power in a controlled sequence and review device, rack and host diagnostics.
- 8 Prove the intended function and retain the final test result before returning 1784-PCMK to service.

Engineer FAQ - Part 1

What is 1784-PCMK?

Allen-Bradley 1784-PCMK is allen-bradley pcmk communication card. It connects a compatible computer to Allen-Bradley industrial networks through the selected 1784-PCM cable assembly.

Which system uses 1784-PCMK?

Use 1784-PCMK only in the documented Allen-Bradley PCMCIA industrial communications arrangement and the installed hardware configuration.

What should be checked before installing 1784-PCMK?

Confirm the complete marking, assigned position, companion hardware and approved configuration before field work.

How should wiring be handled when replacing 1784-PCMK?

Record every connector and conductor before removal, preserve polarity and shielding, and follow the applicable manufacturer connection instructions.

Engineer FAQ - Part 2

How is 1784-PCMK configured after replacement?

Restore only the approved project or device settings, then verify status and diagnostics before automatic operation.

How should 1784-PCMK be commissioned?

Energize under controlled conditions, exercise the intended system function and record the final diagnostic state.

What maintenance record is needed for 1784-PCMK?

Retain the as-found connection record, installed position, configuration revision and functional-test result.

Can 1784-PCMK be substituted directly?

A substitution requires complete catalog-number, hardware-revision, interface and system-compatibility checks against the controlling documentation.

Related product pages on Apter Power

MODEL	SYSTEM ROLE	APTER POWER PAGE
150-C30NBR	Related Allen-Bradley product	View 150-C30NBR page
74101-371-52	Related Allen-Bradley product	Open 74101-371-52 listing
1756-L81E	Related Allen-Bradley product	Explore 1756-L81E module
81000-199-53-R	Related Allen-Bradley product	Review 81000-199-53-R item
2711P-T10C4D1	Related Allen-Bradley product	See 2711P-T10C4D1 profile
9324-RLD700NXENE	Related Allen-Bradley product	Open 9324-RLD700NXENE details
1336T-LM1EN-74103-015-52...	Related Allen-Bradley product	Visit 1336T-LM1EN-74103-015-52... page
1771-NOC-C	Related Allen-Bradley product	View 1771-NOC-C option

SOURCE RECORD

Rockwell Automation PCMK Communication Card User Manual - 1784-UM519C-EN-P