01 Verify identity and work authorization

ABB 3BHE022291R0101 PCD230 A101

Exact identity

ABB identification 3BHE022291R0101 is listed as type PC D230, a CCM Communication Control Measurement module for UNITROL 6000 X-power.

PARAMETER	VERIFIED VALUE
Manufacturer	ABB
Identification number	3BHE022291R0101
Supplied model text	PCD230 A101
ABB documented type	PC D230
UNITROL family	UN 6000
Documented function	CCM Communication Control Measurement
Documented application	UNITROL 6000 X-power
System-dependent settings	Yes
A101 suffix status	Retained from supplied identity; verify from the nameplate

Pre-work boundary: ABB's exact identification table does not explain the supplied A101 suffix or publish separate electrical, interface or performance values for this article. Retain A101 in the supplied model text and verify it against the nameplate and installed system.

Official-source basis: <link href="https://library.e.abb.com/public/d1176f8b0e4f4b8aa11743e7fd8cd280/Excitation%20Q4%202019%20loyalty%20offer.pdf" color="#01637E"><u>ABB Excitation Care, Excitation Q4 2019 loyalty offer, exact UNITROL spare-parts identification table</u></link>

02 Controlled installation sequence

APTER POWER / MODEL-SPECIFIC FIELD GUIDE

ABB 3BHE022291R0101 PCD230 A101

01 / Installation check

Verify 3BHE022291R0101 and the complete supplied marking before work.

02 / Installation check

Confirm the PC D230 position in the approved UNITROL 6000 X-power hardware list.

03 / Installation check

Treat A101 as a nameplate-dependent suffix until ABB documentation confirms its meaning.

04 / Installation check

Place the excitation system in the approved maintenance state and isolate applicable energy.

05 / Installation check

Record the installed position, connectors, settings and associated module identities.

06 / Installation check

Do not infer electrical ratings or interfaces from a neighboring UNITROL model.

07 / Installation check

Restore only the approved system-dependent settings and wiring.

08 / Installation check

Complete controlled diagnostics and functional acceptance before release.

Hold point

Do not energize until identity, isolation, connectors, configuration and the applicable safety or protection chain have been independently checked.

03 Commissioning and acceptance record

ABB 3BHE022291R0101 PCD230 A101

RELEASE ITEM	REQUIRED EVIDENCE
Identity	Exact article, revision and installed position recorded
Configuration	Approved backup and restored settings recorded
Connections	Connector, wiring, network and shield checks completed
Diagnostics	Startup diagnostics reviewed and accepted
Function	Controlled application test completed
Safety / protection	Applicable safety or protection chain proved
Baseline	Final indications, alarms and response recorded
Release	Authorized acceptance and handover completed

Application-specific confirmation

Excitation-system service

Use only in the documented UNITROL 6000 X-power position and configuration.

CCM replacement

Preserve the installed communication, control and measurement assignments during controlled replacement.

Configuration recovery

Restore the approved system-dependent settings after identity and hardware checks.

Diagnostic verification

Review the configured system diagnostics and assigned process functions before release.

Record actual test values and approvals in the site commissioning record; this guide does not replace the manufacturer's procedure.

04 Related products and contact

Verified ApterPower navigation links; not approved substitutes

NO.	RELATED PRODUCT	APTERPOWER LINK
01	ABB 3BHE035301R0001 UNS0121	View product page
02	ABB HIEE300725R0001 UAC317	View product page
03	ABB HIEE205019R0004 UNS2980C	View product page
04	ABB HIEE305089R0001	View product page
05	ABB HIEE300690R0001	View product page
06	ABB HIEE305106R0001	View product page
07	ABB 3BHB006309R0001 UNS0882A	View product page
08	ABB HIEE200130R0002	View product page
09	ABB 3BHB006208R0001 UNS0883A	View product page
10	ABB 3BHE014967R0002	View product page
11	ABB UNS0880A 3BHB005922R0001	View product page
12	ABB 3BHE009319R0001	View product page
13	ABB 3BHE003855R0001 UNS2882A	View product page
14	ABB 3BHE032025R0101 PCD235 A101	View product page
15	ABB HIEE300910R0001	View product page
16	ABB HIEE300698R0001 KUC321	View product page
17	ABB HIEE300725R1 UAC317AE	View product page
18	ABB HIEE300686R1 UFC092A	View product page

Recommendation links are navigation aids only and do not establish compatibility.

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3BHE022291R0101 PCD230 A101