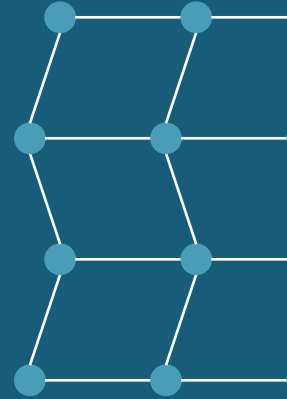


MANUFACTURER-SOURCE TECHNICAL REFERENCE

ABB XVC772A102 3BHE032285R0102

Product Reference

ABB Varnished High Voltage Divider (HVD) board



DOCUMENT SCOPE

Independent Apter Power manual compiled only from the cited ABB manufacturer sources. No product photograph is included.

Product / lookup identity	ABB XVC772A102 3BHE032285R0102
Reference number	3BHE032285R0102
Document basis	Published ABB product records, PDFs, and manuals listed on page 3



Product page

<https://www.apterpower.com/ABB/xvc772a102-3bhe032285r0102>

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Product role and published parameters

WHAT IT IS, WHAT IT DOES, AND WHERE IT FITS

ABB XV C772 A102, product ID 3BHE032285R0102, is a varnished High Voltage Divider board listed by ABB for ACS2000 medium-voltage drives. Within the ACS2000 input filtering unit section, its verified system function is the high-voltage-divider function. System context: ABB Varnished High Voltage Divider (HVD) board.

Published field	Manufacturer-published value or verified identity note
ABB Product ID	3BHE032285R0102
ABB Type Designation	XV C772 A102
Catalog Description	XV C772 A102; HVD- BOARD VARNISHED
Board function	High Voltage Divider
Verified host family	ABB ACS2000 medium-voltage drives
Country of Origin	China (CN)
Customs Tariff Number	85049090

System function and signal path

01	Within the ACS2000 input filtering unit section, its verified system function is the high-voltage-divider function. ABB identifies the board in the IFU assembly and in configuration-specific resistor-box or filter-assembly parts layouts.
02	The official designation establishes a voltage-divider signal path, but ABB's public records reviewed here do not publish the board input range, division ratio, output level, accuracy, connector pinout, or the receiving measurement channel. It must not be described as a digital I/O, communication, current-measurement, or general PLC controller board.
03	The verified equipment context is the ABB ACS2000 air-cooled medium-voltage drive used to control standard induction motors. Installation requires the exact ACS2000 configuration, the current IFU parts drawing, and confirmation of the surrounding relay, synchronization, IGBT-supply, and optical-interface components.

Applications, answers, and official sources

1 ACS2000 IFU voltage division: Performs the HVD-board role in an ACS2000 input filtering unit when the exact ABB configuration lists 3BHE032285R0102.

2 ACS2000 resistor-box assembly service: Used in the configuration-specific ACS2000 resistor-box section shown in ABB's spare-parts manual.

3 ACS2000 filter-assembly service: Used in the configuration-specific IFU filter assembly where ABB lists the exact product ID as the HVD board.

4 Medium-voltage induction-motor drive maintenance: Supports the documented HVD function in an ACS2000 drive controlling a standard induction motor, subject to exact drive and IFU verification.

Frequently asked questions

What is ABB 3BHE032285R0102?	It is ABB type XV C772 A102, a varnished High Voltage Divider board.
Is XVC772A102 the exact ABB type?	ABB writes the type as XV C772 A102 and maps it to product ID 3BHE032285R0102.
Which system uses this board?	ABB ACS2000 spare-parts manuals list it in the drive's IFU section.
What does the board do?	Its verified role is the High Voltage Divider function within the ACS2000 IFU assembly.
What signal range and divider ratio apply?	The cited ABB sources do not publish those electrical values, so they must not be guessed.
Is it a PLC or communication board?	No such function is documented. ABB identifies it as an HVD board, not as a PLC, I/O, or communication module.

Official ABB sources

ABB 3BHE032285R0102 Product Details	https://new.abb.com/products/3BHE032285R0102/3bhe032285r0102
ABB ACS2000 Spare Parts Manual, Revision D	https://library.e.abb.com/public/ea6d2b0797020fe585257cd8006e9970/2UEB000131_REV_D_Spare_Part_Manual_Web.pdf
ABB ACS2000 Parts Catalog, Revision B	https://library.e.abb.com/public/a959b1339cfc534bc1257b9f004098c4/Part_Catalog_ACS2000_2UEB000131_RevB_Web.pdf
ABB ACS2000 DFE User Manual, Revision K	https://library.e.abb.com/public/3366988913dd499b9bfaf691a3ad524e/ACS2000%206kV%20User%20Manual%20%28DFE%20I-4MVA%29%20-%203BHS360367%20ZAB%20E01%20RevK%20LR.pdf