



PARTsolutions® Instruction Manual CAD Catalog Website

The screenshot displays the PARTsolutions CAD Catalog Website interface. The main content area shows a product configuration tool for an ABB ACH550-PD-02A7-6 drive. The interface includes a navigation menu on the left, a central product information table, and a right-hand sidebar with options like 'Add to Cart', '3D-Preview', and '2D-Preview'. The background features a 3D wireframe model of the drive cabinet and its components.

Name	ACH550-PD-02A7-6
Horsepower	HP 2
Type Code	TC ACH550-PD-02A7-6
Amps	AMPS 2.7
Frame Size	FS R2
UL Type	TYPE NEMA1 UL Type 1
Dim. Ref.	DR 8218-1
AC Line Reactor	ALC Without
Input / Output Option Modules	IOOM Without
Embedded Field Bus Options	EFBO Without
Field Bus Adapters	FBA Without

Information
31.05.2005
31.05.2005
31.05.2005
ACH550-UH 6000V
Base Drive
31.05.2005
ACH550-VD 6000V
Vertical E-Brake with
Disinhibit
30.05.2005
ACH550-VC 6000V
Vertical E-Brake with
Circuit Breaker
30.05.2005
ACH550-BD 6000V
E-Brake with
Disinhibit
25.05.2005
ACH550-BC 6000V
E-Brake
Drake
21.05.2005

1. CAD-Format Setup
2. Select parts
3. Display parts basket
4. Send

Browse the Parts
Display the Parts Basket and Request Models
Help

PART
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Show pictures

Add to Cart

3D-Preview

2D-Preview
Component NEMA-1

2D-Preview
Component NEMA-1C

PAR Server - Standard



Introduction

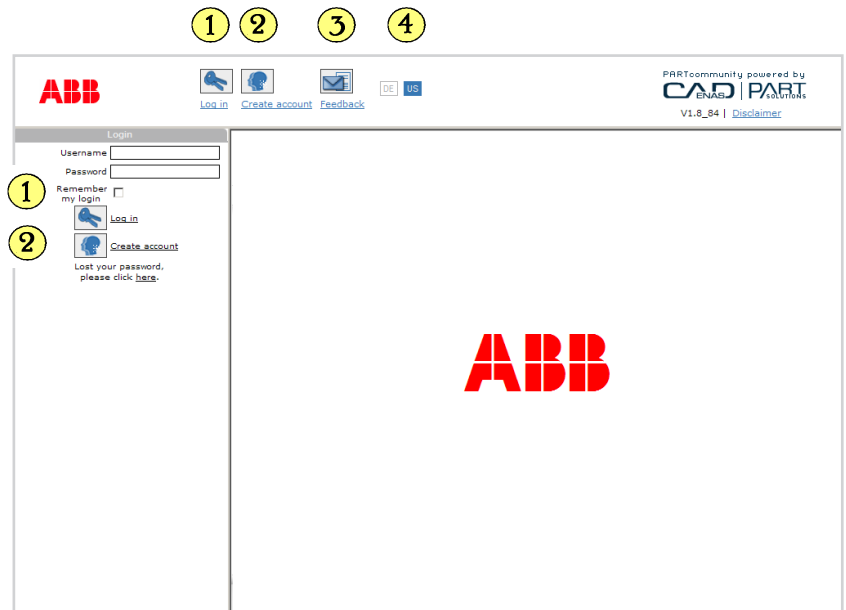
Incorporating product into machine and panel designs can be a challenging process if you are not able get CAD drawings that are adequate to support the CAD software being used. This CAD Catalog tool provides drawings for the complete range of ABB Low Voltage AC and DC Drives. You can choose whether you want drawings in 2-D or 3-D format. The software also supports a broad range of generic neutral CAD file formats as well as CAD specific native formats.

The following information provides a quick overview of how to make use of the CAD catalog provided by ABB Low Voltage Drives.

Log In

1. Launch the CAD catalog using the link provided (via www.abb.us/drives or www.abb-drives.com).
2. The following screen appears:

- 1 **Login** - Enter your username and password in order to access the site.
- 2 **Create Account** - Enter basic contact information in order to gain access to the site.
- 3 **Feedback** - Contact ABB Drives Web support
- 4 **Language** - Select your language preference. Choices are English and German.

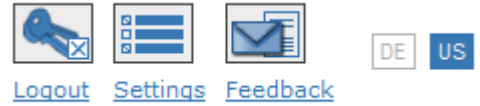


3. Once you have entered your username and password, click [Log In](#).



Set-up

4. At the top of the screen, you will see the menu change to the image seen to the right. Click [Settings](#).

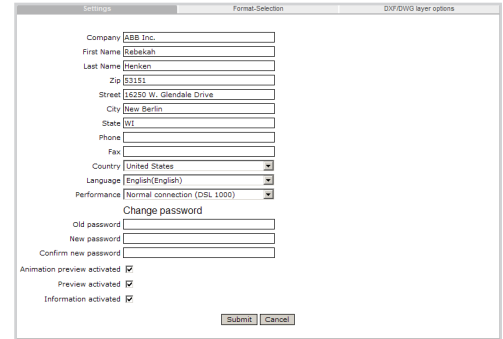


Notes:


Under the [Settings](#) tab you can manage your personal/contact information as well as change your password.

The email you enter in this profile will be the one that drawings are sent to.

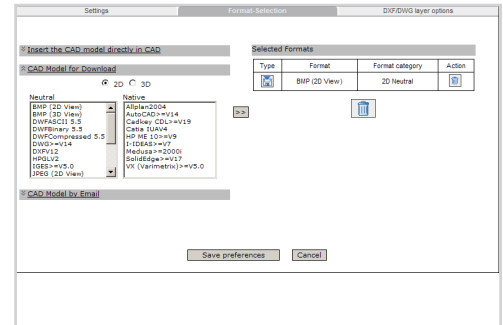
Click [Submit](#) to save changes.




Under the [Format Selection](#) tab, you can select up to ten (10) file types. These settings can be changed at anytime, but will remain as your default until you choose to change them.

Click  to view the various option for each delivery method.

- **Neutral drawing formats** are generic formats that can be imported into various CAD programs.
- **Native drawing formats** are the actual file format that is generated by the CAD program - so a native ProE file would be 100% compatible with ProE CAD software.

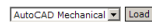


Click  to select the drawing file format.

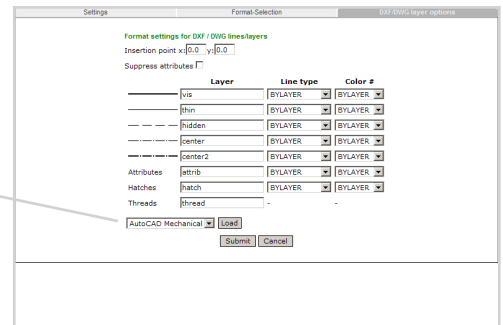
Click [Submit](#) to save changes.

Under the [DFX/DWG Layer Options](#) tab you can select the layer, line type, and colors.

You can also load presets.



Click [Submit](#) to save changes.

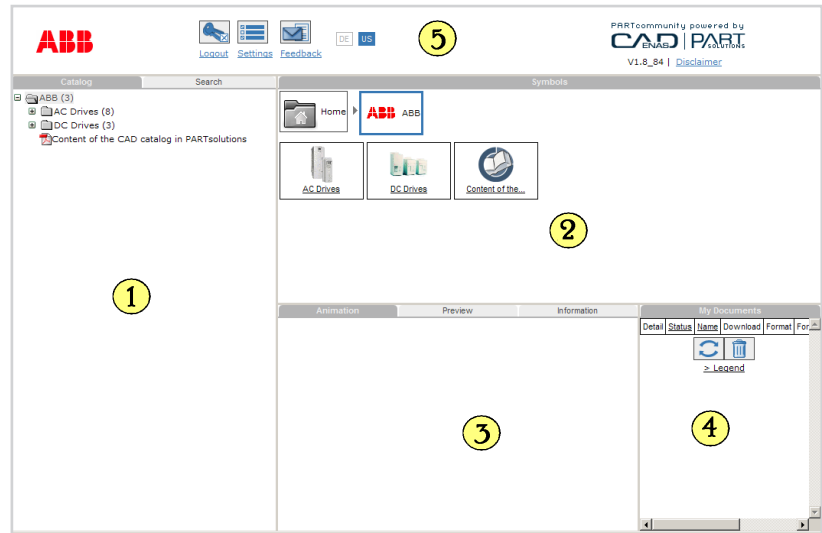




Browsing the Catalog

The CAD catalog is separated into 5 main parts. Each part is divided by a grey line. These lines can be moved in order to enlarge any desired section.

- ① **Product Tree** - Navigate to the desired drawing by clicking the plus sign
- ② **Product Selector**- Navigate to the desired drawing by click the icon
- ③ **Preview** - Preview the selected drawing.
- ④ **My Documents** - View which drawings you have selected
- ⑤ **Navigation** - Logout, change your settings, give feedback or change language selections.

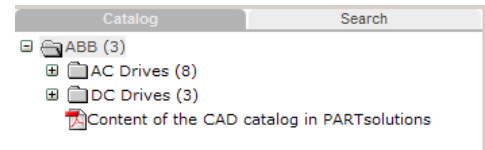




Browsing the Catalog (continued)

1. Navigate to desired product drawing three ways:

Product Tree: Click the catalog tab at the top of the product tree section. Click the plus sign next to the desired product family. Continue to select desired product subcategories until you reach the desired product.

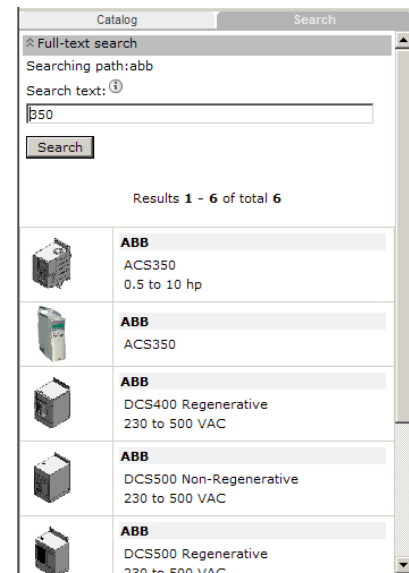


Product Selector: Click the icons in the product selector screen until you reach the desired product



Search: Click the search tab at the top of the product tree section. Type in either product family, full type code or partial type code.

Examples:
 ACS350
 ACS550-U1
 UH



2. Click on the desired product. You will then see available drawings for that product.

You can arrange drawings by clicking

You can select drawings by clicking

Row	PN Part Number	HP Horsepower [HP]	KW Kilowatt [kW]	IC Input Current [A]	OC Output Current [A]	W Weight [lbs]	FS Frame Size	EMC Built-in EMC filter
1	ACS55-01N-01A4-1-U	0.25	0.18	6.4	1.4	1.5	A	w/o Built-in EMC filter
2	ACS55-01N-02A2-1-U	0.5	0.37	9.5	2.2	1.5	A	w/o Built-in EMC filter



Browsing the Catalog (continued)


3. After selecting the drawing, the following screen will appear in the Product Selector section


Sends you back to change drawing file types


Adds the drawing to your My Documents

Generates a preview

Reviews selected drawing specifics


[Format selection and parts download](#)


[Part download \(with preselected format\)](#)


[Generate preview](#)

Name: ACS55-01N-02A2-1-U

PN (Part Number): ACS55-01N-02A2-1-U







W (Weight): 1.5





EMC (Built-in EMC filter): w/o Built-in EMC filter



w/o Built-in EMC filter info

[> Legend](#)

4. Once you have chosen to generate the drawing the My Documents will show the progress of the download


-  Drawing is loading
- Drawing is loaded
- Drawing not generated
- Error. Contact Technical Support
-  Drawing is ready for download
-  Drawing is ready for email
-  Drawing is ready for insertion
-  Trashes the My Documents
-  Refreshes the My Documents

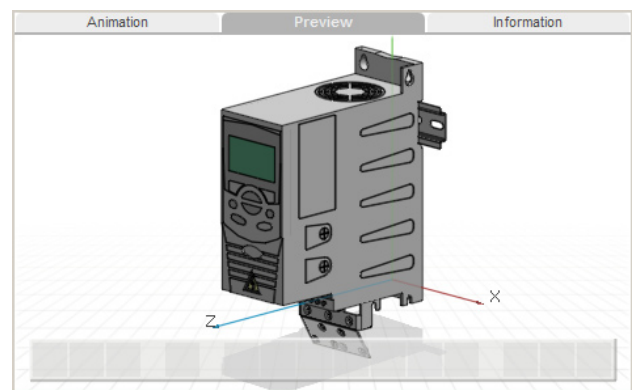
My Documents				
Detail	Status	Name	Download	Format
	<input checked="" type="checkbox"/>	ACS350-01U-02A4-2		BMP (2D View)
	<input checked="" type="checkbox"/>	ACS55-01N-02A2-1-U		BMP (2D View)

[> Legend](#)

5. If any 2D or 3D previews are available, they will show up in the Preview Window.

NOTE: To generate a preview for a different drawing, select it from the Product Selector window (line will become grey) and click  in the Product Selector window.





Transferring drawings

1. Click the icon in the Download Column in the My Documents window in order to transfer the drawing.



Drawing will be downloaded. A pop-up will appear asking you to either open or save the file




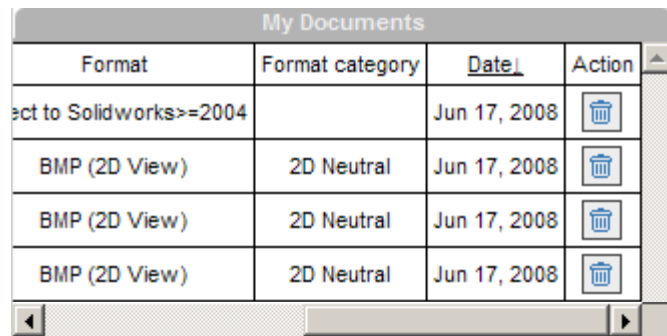
Drawing will be emailed. You will receive an email from PARTserver (PARTserver@part-solutions.com)







Drawing will be inserted into SolidWorks. A pop-up will appear asking which file to insert drawing into

2. Once you have downloaded the desired drawings, you can remove them from your My Documents by scrolling over in the My Documents window and clicking  .

NOTE: Drawings will remain in the My Documents even if you log out. They will only be removed if you click  .



Format	Format category	Date	Action
ect to Solidworks>=2004		Jun 17, 2008	
BMP (2D View)	2D Neutral	Jun 17, 2008	
BMP (2D View)	2D Neutral	Jun 17, 2008	
BMP (2D View)	2D Neutral	Jun 17, 2008	

Troubleshooting

If you are having technical difficulties with this website, please contact:

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262-785-3516
curtis.henken@us.abb.com



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Internet <http://www.abb.us/drives>
<http://abb-drives.com>

LVD-EOTG02U-EN REV B, Effective:6/17/2008 Specifications subject to change without notice.