

Technical Note 142

Finding CAD Drawings for ABB Low Voltage Drives

How to locate Type 12 versions

There have been some past challenges for users trying to find CAD drawings for ABB drives while looking for enclosure types other than UL Type 1. This document will show how this can be done.

ABB Low Voltage Drives can be found at the following URL: [https://new.abb.com/drives/tools-\(us\)/cad-drawings-\(us\)](https://new.abb.com/drives/tools-(us)/cad-drawings-(us))

After setting up an account, you will be able to begin selecting a drive to get the drawings you want to create and download. First you choose whether you want to find drawings for either AC Drives or DC Drives. Then you can select from a product type. (Like ACS580, for example.) If you keep making selections, you will get to something that looks like this:

▼
ACS580-01-480V - ACS580-01 0.75-350 Hp

ABB > AC Drives > ACS580 > 380V/480V

Update preview

Generate CAD

Generate PDF datasheet

				LINA	TC UL Type	Power Nominal ratings - Light Duty (10% overload for 1 min) PLDHP [HP]	Current Nominal r
<input type="radio"/>	1			ACS580-01-02A1-4-Architec...	ACS580-01-02A1-4	1	
<input type="radio"/>	2			ACS580-01-03A0-4-Architec...	ACS580-01-03A0-4	1.5	
<input type="radio"/>	3			ACS580-01-03A5-4-Architec...	ACS580-01-03A5-4	2	
<input type="radio"/>	4			ACS580-01-04A8-4-Architec...	ACS580-01-04A8-4	3	
<input type="radio"/>	5			ACS580-01-06A0-4-Architec...	ACS580-01-06A0-4	3	
<input type="radio"/>	6			ACS580-01-07A6-4-Architec...	ACS580-01-07A6-4	5	
<input type="radio"/>	7			ACS580-01-012A-4-Architec...	ACS580-01-012A-4	7.5	
<input type="radio"/>	8			ACS580-01-014A-4-Architec...	ACS580-01-014A-4	10	
					ACS580-		

If you choose a radio button for one of the ratings, you will get to the NEMA 1 drawing. Here is how to get to the other enclosure types though. Simply click one of the drive ratings as shown by the green arrow above for this example, and the new choices will be made available after a couple of additional steps so you can select them.


First, click on the pull-down arrow.

Home | Back | US | ACS580-01-04A8-4-Architecture300
 ABB > AC Drives > ACS580 > 380V/480V > ACS580-01-480V - ACS580-01 0.75-350 Hp

Update preview | Generate CAD | Generate PDF datasheet

Add for comparison

Company	ABB		🔒
Description	ACS580-01-480V - ACS580-01 0.75-350 Hp		🔒
Bill of material	ACS580-01-04A8-4-Architecture300		🔒
TC UL Type	ACS580-01-04A8-4		🔒
PLDHP Power Nominal ratings - Light Duty (10% overload for 1 min)	3	HP	🔒
ILD Current Nominal ratings - Light Duty (10% overload for 1 min)	4.8	A	🔒
PHDHP Power Nominal ratings - Heavy Duty (50% overload for 1 min)	2	HP	🔒
IHD Current Nominal ratings - Heavy Duty (50% overload for 1 min)	3.4	A	🔒
FS Frame Size	R1		🔒
H1 Height 1	373	mm	🔒
H2 Height 2	331	mm	🔒
W Width	125	mm	🔒
D Depth	223	mm	🔒
WEIGHT Weight	4.8	kg	🔒
LODDEST LOD Destination	Architecture		📄
LODLEVEL LOD Level	300		📄
TYPE UL Type	UL Type 1 (IP21) with Assistant Control Panel (Standard)		📄



Now you can see that it is possible to choose that rating as a type 12 drawing from the drop-down box that appears.

D Depth	223	mm	🔒
WEIGHT Weight	<ul style="list-style-type: none"> UL Type 1 (IP21) with Assistant Control Panel (Standard) 	kg	🔒
LODDEST LOD Destination	<ul style="list-style-type: none"> UL Type 1 (IP21) with +J429 (Bluetooth Control Panel) UL Type 12 (IP55) with Assistant Control Panel (Standard) UL Type 12 (IP55) +B056 with +J429 (Bluetooth Control Panel) 		📄
LODLEVEL LOD Level			📄
TYPE UL Type	UL Type 1 (IP21) with Assistant Control Panel (Standard)		📄